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4 West Valley College 2022 – 2023 Catalog
INTRODUCTION

ABOUT THE COLLEGE

West Valley College 2022-2023 Catalog

West Valley College
14000 Fruitvale Avenue
Saratoga, CA 95070-5698
(408) 867-2200

The District, and each individual who represents the District, shall provide access to its services, classes, and programs without regard to national origin, religion, age, gender, gender identity, gender expression, sex, race or ethnicity, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, pregnancy, or military and veteran status, or because he/she is perceived to have one or more of the foregoing characteristics, or based on association with a person or group with one or more of these actual or perceived characteristics.

West Valley College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, 10 Commercial Blvd., Suite 204, Novato, CA 94949 (415) 506-0234 an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education.

NASM and NASAD Accredited Programs

The following West Valley College Programs are accredited by the National Association of Schools of Art and Design (NASAD):

• Certificate: Apparel Design Level 2; Interior Design Fundamentals
• Associate in Arts (Transfer): Art History; Studio Arts
• Associate in Science: Apparel Design; Apparel Production; Interior Design Fundamentals

The following West Valley College Programs are accredited by the National Association of Schools of Music (NASM):

• Associate in Arts: Music – Professional
• Associate in Arts (Transfer): Music

2022 West Valley-Mission Community College District Board of Trustees

• Anne Kepner - President
• Adrienne Grey - Vice-President
• Jack Lucas - Trustee
• Robert Owens - Trustee
• Susan Fish - Trustee
• Karl Watanabe - Trustee
• Randi Kinman - Trustee

Chancellor West Valley-Mission Community College District

Bradley Davis
Dear Student,

I am so happy that you have decided to join the West Valley College community as a new or continuing student. The summer session and fall semester are great times to begin a new chapter in your journey and we are so glad to have you here with us! West Valley is truly a community of dedicated faculty, staff, and administrators who are here to help guide you along the way. I hope you find your time with us beneficial not only in terms of your educational and career goals but also in feeling cared for—West Valley is part of the Caring Campus Initiative.

An education at West Valley is all-encompassing. We provide a strong educational foundation for those who want to transfer to a four-year university but also career education programs for students who want to enter the workforce or skill up in their current jobs. You are in great hands.

Our outstanding faculty will provide transformational learning experiences; our staff will surround you with any support you might need; and your fellow classmates will not only become your closest friends but your greatest supporters—cheering you on as you challenge yourself in the classroom and beyond.

While you’re here, I encourage you to get involved as much as you can. We have a variety of student clubs, activities, and on-campus events. And, as you may have noticed, our campus is truly a gem in the heart of Silicon Valley. I hope you enjoy it as much as I do each day—it truly is a source of peace and serenity amid the fast-paced world we are living in.

And, as you start your classes and step into the classroom, I want you to know that the college is vigilant in following state and county health guidelines as it relates to COVID-19. We want our students to thrive on a safe and healthy campus and continue to not only meet but exceed regulatory requirements in air filtration and circulation; have on-campus COVID testing available; and have implemented, since November 2021, a vaccine mandate for all employees and students who take classes on campus.

The college is also very committed to serving the basic needs of our students. In fact, this year we are opening a new food pantry, Roots, A Food Sharing Program to Fuel Potential, open to all students and community members. We also provide free grocery giveaways, free technology and textbooks through our TNT program in the library, free personal mental health counseling, free Wi-Fi hot spots, and emergency funding to support housing and other living costs for those who qualify. In addition, the West Valley College Foundation and Office of Financial Aid are dedicated to helping to support students in meeting their financial needs with scholarships and free tuition.

West Valley College is here for you—with a community that will surround you with love, support, and a sense of family. We are so happy to have you. I am excited for you to embark on this incredible journey and cannot wait to see you on campus or via Zoom. Welcome to the West Valley family!

Warmly,

Stephanie Kashima
President, West Valley College
MISSION AND GOALS

West Valley College Mission Statement
The West Valley College community supports students along their pathways to reach transfer and career goals in an environment of academic excellence.

West Valley College Sustainability Strategic Plan
Our vision is a culture of responsible stewardship.
Our mission is to educate and inspire the West Valley College community to embrace and implement sustainable practices campus wide.

Goal I - Educate and Inspire
1. Objective I – Engage the West Valley College campus community; involve all divisions, departments, staff, faculty, students

Goal II - Embrace and Implement
1. Objective I – Invite every department to develop an actionable sustainable mission statement
2. Objective II – Invite every department to integrate a sustainable project into a class assignment
3. Objective III – Identify grant opportunities to implement goals of strategic plan
4. Objective IV - Develop a feasibility study for certifying every existing building on campus under a recognized certification criteria such as LEED – EBOM category (Existing Building Operations and Maintenance)
5. Objective V – Carbon counting campus wide
6. Objective VI – Legislation

Goal III - Identify Sustainable Practices
1. Objective I – Navigate and clear competing rules, regulations and policies that affect implementation of sustainable practices
2. Objective II – Identify the easily implementable practices, i.e., “Pick Low Hanging Fruit”
3. Objective III – Identify systemic changes that have high visibility

West Valley College 2021-2026 Educational Master Plan Goals

Goal 1: Partnerships
Intentionally build and strengthen existing partnerships internally, as well as with Mission College, other educational partners, business and industry, and community groups.

Goal 2: Integrated Planning and Institutional Effectiveness
Drive college strategic decision-making through integrated planning, anchored in student needs, to maximize institutional effectiveness.

Goal 3: Capacity Building
Build human resource capacity across WVC through dialogue, training, and development for the College to reach its full potential.

Goal 4: Program and Enrollment Management
Adopt a strategic approach to program and enrollment management that is equitable, sustainable, timely, agile, and responsive to changes in business and industry, and to changes in community, societal, and student educational needs.

Goal 5: Institutional Alignment and Operational Excellence
Align college plans, structures, systems and processes with WVC mission, vision, and new Educational Master Plan, streamlining and improving efficiency for operational excellence.

Goal 6: Equity, Anti-racism and Inclusion
The college will demonstrate anti-racism and inclusion in everything it does, thereby fostering a culture free from psychological harm due to implicit or explicit racist actions and/or policies.

West Valley College Institutional Learning Outcomes
Originating from our mission, values, and commitment to student learning and success, the following institutional learning outcomes form the foundation of West Valley College’s focus and vision. These eight competencies represent the outcomes of a West Valley College education.

I. Critical Thinking and Information Literacy
The student will be able to:
1. Differentiate facts, influences, assumptions, and opinions to draw reasoned conclusions.
2. Identify critical issues and apply investigative and analytical thinking to develop supporting arguments and a conclusion.

II. Quantitative and Qualitative Reasoning
The student will be able to:
1. Utilize quantitative and qualitative models to make predictions, draw conclusions, and make decisions that are logical and feasible.
2. Collect, organize, analyze, and process research data in a clear, synthesized format.
III. Effective Communication
The student will be able to:
1. Articulate well-organized thoughts, ideas, and opinions in coherent form demonstrating standard written English or the target language.
2. Articulate well-organized thoughts, ideas, and opinions in coherent form demonstrating oral proficiency.

IV. Technological Competency
The student will be able to:
1. Identify, use or describe contemporary technologies specific to academic and/or workplace settings.

V. Personal Responsibility
The student will be able to:
1. Assess his or her knowledge, skills, and abilities to set achievable goals.
2. Manage personal health and/or well-being.
3. Demonstrate dependability, reliability, and accountability.

VI. Social Responsibility
The student will be able to:
1. Demonstrate an awareness of civic, political, and/or social issues and explain the role of the individual in addressing these issues.
2. Apply ethical principles to personal, academic, professional and/or community issues.

VII. Global Awareness and Diversity
The student will be able to:
1. Explain the sensitivity and skills needed to live and work in diverse local and global communities.
2. Explain how one or more of the following affects life experiences and social responsibilities: ability, race, ethnicity, class, gender, sexuality, and other markers of social identity.

VIII. Creative Problem Solving
The student will be able to:
1. A. Produce an original creative response that synthesizes research, planning, and practice.

WEST VALLEY MISSION COMMUNITY COLLEGE DISTRICT

Mission Statement
“The West Valley-Mission Community College District is committed to achieving student success through innovative and effective lifelong education and career opportunities, which include associate degrees, certificates, transfer, occupational programs, workforce development, pre-collegiate, global, and community education programs. The District strives to maintain and support institutional integrity, mutual respect, diversity, tolerance, rigorous evaluation, an exceptional workforce of faculty and staff, and partnerships between students, faculty, staff, administrators, the Board of Trustees, and the community. The District promotes an environment conducive to open dialogue and the free exchange of ideas leading to the achievement of successful student learning outcomes.”

Our Guiding Framework
The guiding framework of the West Valley-Mission Community College District includes our values and vision as well as our mission.

Our Values
We value the following core principles and qualities as the foundations for our work and our vision for the future.

• Student Success - In all our activities, we are committed to facilitating the success of students.
• Excellence - We continually strive to meet the highest standards in our educational programs and services and in our internal processes.
• Diversity and Inclusion - The District provides a welcoming environment for people of all backgrounds, groups and perspectives.
• Service - We strive to make positive contributions in the lives of our students, our colleagues, and our communities.
• Engaged Learning - We create collaborative, hands-on learning experiences that are relevant to our students' lives and goals.
• Effective Communication - We exchange ideas through open and inclusive channels and in a spirit of mutual respect and civility.
• Exploration and Creativity - Our educational programs and organizational culture encourage innovation and creativity.
• Stewardship and Accountability - We manage resources effectively.
• Partnerships - We build mutually beneficial relationships internally within the District organization and externally with partners in our service area and beyond.

Our vision of success is to continually strive to be:

• Student Centered...
• Linked to our Partners and Communities

A Clear Focus on the Future

• Serve Expanding and Diverse Student Populations - The Colleges' reputation as quality institutions of higher education continue to attract large numbers of students from diverse backgrounds with a variety of academic goals, including transfer to four-year colleges and universities.
• Provide Relevant and Responsive Educational Programs - We must continually refine and adapt our offerings and teaching methods to respond to the diverse needs of our students and communities we serve.
• Upgrade Facilities - Today's learning environment demands flexible use in order to accommodate multimedia instruction, group projects, distance learning, and team teaching as well as lecture and discussion formats.

Strategies for the future
At both Colleges, diverse departments and programs have developed a common set of priorities for serving the community now and in the future. This strategic framework will guide our responses to the key challenges facing the Colleges and the community.

• People - We will make our students and employees the foundation for our success.
**History of the District**

The first public meeting convened to address the formation of the West Valley Joint Community College District was held in July 1962. In October 1962, the California State Board of Education approved the District's formation, and in January 1963, the voters residing within the Campbell, Los Gatos-Saratoga, and Santa Clara High School Districts established the District.

The District's first college, West Valley Junior College, became operational in September 1964, at the 12 1/2-acre remodeled Campbell Grammar School in Campbell. The 1964-65 academic year began with an enrollment of 3,203 students and a staff of 10 administrators and 53 instructors. One hundred courses were offered that first year. The following year the name was changed to West Valley College.

In 1964, the 143-acre Fruitvale-Allendale site in Saratoga was purchased. Funding from the State Junior College Construction Act was obtained, and between 1964 and 1974 the campus was developed. The first building was completed in 1968, and the first classes began in fall of that year.

In 1966-67, 12 acres of land were purchased in Santa Clara north of the Bayshore Freeway between Lawrence Expressway and Coffin Road for the construction of Mission College. The total 164-acre parcel was acquired in 1970, the first phase of construction at the Santa Clara site was completed in 1979, and the College began its 1979-80 academic year with 3,500 students, 8 administrators, and 73 instructors.

In September 1985, the name of the district was changed to West Valley-Mission Community College District to reflect the status of Mission College.

**Office of College Advancement / WVMCCD Foundation**

The West Valley-Mission Community College District Office of Advancement builds relationships and fosters community support to advance the mission and strategic vision of both West Valley and Mission Colleges. Our advancement team works with donors and external partners to secure charitable contributions in support of district and college funding priorities. All charitable contributions are received by the West Valley-Mission Community College Foundation, which provides support ranging from program supplies to internships to scholarships.

The West Valley-Mission Community College District Foundation makes a critical difference in the academic lives of thousands of students every year – and enables both West Valley and Mission College to deliver on their core value of open access to everyone.

The Foundation is governed by a volunteer board of directors and managed by the WVMCCD Office of Advancement.

Melissa Johns, Executive Director, Advancement
Nicole Aguinaldo, Assistant, Office of Advancement
Joanne Cao, Fiancial Analyst, Office of Advancement

Office: (408) 741 – 2164
Email: foundation@wvm.edu
Website: [https://wvm.edu/services/wvmfoundation/Pages/default.aspx](https://wvm.edu/services/wvmfoundation/Pages/default.aspx)

**Sexual Harassment and Sex Discrimination Policy**

Members of an academic community -- students, faculty, and staff -- must be able to work in an atmosphere of mutual respect and trust. Students, teachers, and staff must feel personally secure in order for education to take place. As a place of work and study, West Valley-Mission Community College District should be free of sexual harassment, sex discrimination, and all forms of sexual intimidation and exploitation. Any violation of trust, any form of intimidation or exploitation, regardless of gender, damages the institution's educational process by undermining the essential freedoms of inquiry and expression. All students, staff, and faculty must be assured that the District will take action to prevent misconduct. Anyone who engages in sexual harassment and/or sex discrimination shall be subject to sanctions.

In accordance with approved District policy and Procedure, the following individual is designated as the Responsible Officer for grievances, complaints and questions.

For complaints of sexual harassment or discrimination, see:

- Associate Vice-Chancellor of Human Resources
- Personnel Office

If you are a student seeking a reasonable accommodation under Section 504 or the ADA Act, see:

- Coordinator
- Disability and Educational Support Program (DESP)
- Or Vice President of Student Services

**Discrimination and Sexual Harrassment Vocational Education Non-Discriminatory Policy**

Vocational Education Programs are offered at West Valley College without regard to race, color, national origin, sex or disability. Admission to the College is open to high school graduates and to persons 18 years of age and older who show evidence that they can profit from instruction, including those who have passed the High School Proficiency Exam or the test of General Educational Development (GED). Verification of eligibility must be included with the application. While the lack of college-level English skills may not be a barrier to admission and participation in the college's vocational education programs, it is recommended that students take assessment and see a counselor for adequate class selection.

In accordance with approved District Policy and Procedure, the following individuals are designated as the Responsible Officer for grievanc-es, complaints and questions.

For sexual harassment or discrimination

The Associate Vice Chancellor
West Valley College, Personnel Office
14000 Fruitvale Avenue
Saratoga, CA 95070-9698
(408) 741-2060

If you are a student seeking a reasonable accommodation under Section 504 or the ADA Act, see:

Disability and Educational Support Program
West Valley College
Introduction

14000 Fruitvale Avenue
Saratoga, CA 95070-9698
Coordinator: Cheryl Miller
(408) 741-2010

West Valley College Non-Discrimination Statement – English

The District, and each individual who represents the District, shall provide access to its services, classes, and programs without regard to national origin, religion, age, gender, gender identity, gender expression, sex, race or ethnicity, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, pregnancy, or military and veteran status, or because he/she is perceived to have one or more of the foregoing characteristics, or based on association with a person or group with one or more of these actual or perceived characteristics.

West Valley College Non-Discrimination Statement – Spanish

El Distrito, y cada individuo que lo representa, proveerá acceso a sus servicios, clases, y programas sin tener en cuenta la nacionalidad de origen, religión, edad, género, identidad de género, expresión de género, sexo, raza o etnia, color, condición médica, información genética, ascendencia, orientación sexual, estado matrimonial, minusvalía física mental, embarazo, estado militar incluyendo tanto aquellos en servicio como a los veteranos, o porque a él/ella se le perciban una o más de las mencionadas características, o por asociación con una persona o grupo con una o más de estas características ya sean reales o percibidas.

West Valley College Non-Discrimination Statement – Vietnamese

Đại Học Công Dong Mission và West Valley và mỗi cá nhân sẽ cung cấp quyền truy cập vào các dịch vụ lập học và chương trình mà không cần phân biệt về nguồn gốc quốc gia, tôn giáo, giới tính, tuổi tác, chủng tộc, hoặc dân tộc, màu da, tình trạng sức khỏe, thông tin di truyền, tôn giáo, khuyết tật về thể chất hoặc tinh thần, đang trong thời kỳ thai nghén, hoặc tình trạng trong quá trình đối và có tình trạng lão hóa, hoặc nếu người đó có cảm nhận về một hoặc nhiều đặc điểm nói trên, hoặc người đó có liên hệ với một người khác, hoặc nhóm khác có một hoặc nhiều đặc điểm thực tế hoặc nhận thức khác.

Drug Free Environment and Smoking Policy

It is the policy of the West Valley-Mission Community College District to maintain a campus free of the possession, manufacture, use, or distribution of controlled substances as listed in the federal Drug-Free Schools and Communities Act (DFSCA). It is the policy of the West Valley-Mission Community College District to promote a safe and healthy campus environment by reducing the health risks associated with smoking. To meet this obligation, smoking, the use of smokeless tobacco and the use of e-cigarette devices are prohibited in all areas of the Mission and West Valley campuses except in parking lot areas that are at least twenty-five (25) feet away from buildings and pathways. Additional information can be found in the District’s Administrative Procedures 3550 and 3570.

Drug Free Environment and Drug Prevention Program

The District shall be free from all drugs and shall prohibit the unlawful use, possession, sale, or distribution of alcohol, narcotics, dangerous or illegal drugs, or other controlled substances, as defined in California statutes, on District property or at any function sponsored by the District or Colleges.

Any student or employee who violates this policy will be subject to disciplinary action (consistent with local, state, or federal law), which may include referral to an appropriate rehabilitation program, suspension, demotion, expulsion, or dismissal.

The Chancellor shall assure that the District distributes annually to each student and employee the information required by the Drug Free Schools and Communities Act Amendments of 1989 and complies with all requirements of the Act.

The Colleges will provide information pertaining to the health risks and effects associated with alcohol and narcotics or other dangerous or illegal drugs. Students may be referred to various on campus programs or outside agencies for support, information, and/or enrollment in a drug recovery program.

Illegal Distribution of Copyrighted Materials

West Valley College students are prohibited from using the West Valley-Mission Community College District (WVMCCD) information network to illegally download or share music, video and all other copyrighted intellectual property. West Valley College supports the Higher Education Opportunity Act and Digital Millennium Copyright Act, including efforts to eliminate the illegal distribution of copyrighted material. Under the law, college administrators may be obligated to provide copyright holders with information about users of the WVMCCD information network who have violated the law.

Be aware that illegal forms of downloading and file sharing as well as the unauthorized distribution of copyrighted materials are violations of the law and may subject you to academic sanctions from the college through the college’s student conduct and discipline policies (as published in the College Catalog) as well as criminal and civil penalties, including a lawsuit against you by the Recording Industry Association of America (RIAA). Learn more at campusesdownloading.com
In addition to being illegal, file sharing drains the WVMCCD network's bandwidth, which slows computer connections for students and employees who are using the network for legitimate academic purposes and ultimately costs the college money. There are plenty of easy, affordable ways to get music online legally.

To protect their intellectual property, companies have licensed hundreds of digital partners that offer a range of legal downloading options, including download and subscription services, legitimate peer-to-peer services, video-on-demand, podcasts and CD kiosks. For a list of sources that offer legal downloading sites, access riaa.com

## COLLEGE CALENDAR

### Fall 2022 Session: August 29 – December 17

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Registration begins</td>
<td>April 12</td>
</tr>
<tr>
<td>Convocation (required of all new students)</td>
<td>August 19 – 20</td>
</tr>
<tr>
<td>First day of classes</td>
<td>August 29</td>
</tr>
<tr>
<td>Last day to add a semester-length class</td>
<td>September 11</td>
</tr>
<tr>
<td>Last day to drop a semester-length course without a “W” and receive a refund</td>
<td>September 11</td>
</tr>
<tr>
<td>Last day to ADD short term classes</td>
<td>20% of total days</td>
</tr>
<tr>
<td>Last day to DROP short term classes without a “W” and receive a refund</td>
<td>10% of total days</td>
</tr>
<tr>
<td>Deadline to Petition for AA-T/AS-T Degrees for Spring 2023 Transfer</td>
<td>September 18</td>
</tr>
<tr>
<td>Deadline to Petition for Fall graduation</td>
<td>September 18</td>
</tr>
<tr>
<td>Last day to DROP a semester-length class with a &quot;W&quot;</td>
<td>November 18</td>
</tr>
<tr>
<td>Last day to DROP a short term class with a &quot;W&quot;</td>
<td>75% of total days</td>
</tr>
<tr>
<td>Final Exams</td>
<td>December 12 – 17</td>
</tr>
</tbody>
</table>

### Campus Closed: Non-Instructional Days

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>All College Day</td>
<td>August 26</td>
</tr>
<tr>
<td>Labor Day Holiday</td>
<td>September 5</td>
</tr>
<tr>
<td>Veterans Day Holiday</td>
<td>November 11-12</td>
</tr>
<tr>
<td>Thanksgiving Holiday</td>
<td>November 24 – 27</td>
</tr>
</tbody>
</table>

### Winter 2023 Session: January 3 – January 26

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>First day of classes</td>
<td>January 3</td>
</tr>
<tr>
<td>Last day to ADD a class</td>
<td>20% of total days</td>
</tr>
<tr>
<td>Last day to DROP a class without a “W” and with a refund</td>
<td>10% of total days</td>
</tr>
<tr>
<td>Last day to DROP a class with a “W” and with no refund</td>
<td>75% of total days</td>
</tr>
<tr>
<td>Final Exam</td>
<td>Last day of class</td>
</tr>
</tbody>
</table>

### Campus Closed: Non-Instructional Days

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Martin Luther King Jr. Holiday</td>
<td>January 16</td>
</tr>
</tbody>
</table>

### Spring 2023 Session: January 28 – May 26

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Registration begins</td>
<td>November 7, 2022</td>
</tr>
<tr>
<td>First day of classes</td>
<td>January 28</td>
</tr>
<tr>
<td>Event</td>
<td>Date</td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>Last day to add a semester-length class</td>
<td>February 12</td>
</tr>
<tr>
<td>Last day to drop a semester-length class</td>
<td>February 12</td>
</tr>
<tr>
<td>February 12</td>
<td></td>
</tr>
<tr>
<td>Last day to drop a semester-length class</td>
<td>April 28</td>
</tr>
<tr>
<td>without a &quot;W&quot; and with a refund</td>
<td></td>
</tr>
<tr>
<td>20% of total days</td>
<td></td>
</tr>
<tr>
<td>Last day to ADD short term classes</td>
<td>10% of total days</td>
</tr>
<tr>
<td>Last day to DROP short term classes</td>
<td>75% of total days</td>
</tr>
<tr>
<td>without a &quot;W&quot; and with a refund</td>
<td></td>
</tr>
<tr>
<td>Final Exams</td>
<td>May 20 – 26</td>
</tr>
<tr>
<td>Commencement</td>
<td>May 25</td>
</tr>
</tbody>
</table>

**Campus Closed: Non-Instructional Days**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presidents' Day Holiday</td>
<td>February 17 – 20</td>
</tr>
<tr>
<td>Spring Break Holiday</td>
<td>March 27 – April 1</td>
</tr>
<tr>
<td>Cesar Chavez Day Holiday</td>
<td>March 31</td>
</tr>
<tr>
<td>Memorial Day Holiday</td>
<td>May 27 – 29</td>
</tr>
</tbody>
</table>

**Summer 2023 Session: June 5 – August 24**

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>First day of classes</td>
<td>June 5, and June 20</td>
</tr>
<tr>
<td>Last day to ADD a class</td>
<td>20% of total days</td>
</tr>
<tr>
<td>Last day to DROP a class without a &quot;W&quot; and</td>
<td>10% of total days</td>
</tr>
<tr>
<td>with a refund</td>
<td></td>
</tr>
<tr>
<td>Last day to DROP a class with a &quot;W&quot; and</td>
<td>75% of total days</td>
</tr>
<tr>
<td>with no refund</td>
<td></td>
</tr>
<tr>
<td>Final Exam</td>
<td>Last day of class</td>
</tr>
</tbody>
</table>

**Campus Closed: Non-Instructional Days**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fourth of July Holiday</td>
<td>July 4</td>
</tr>
<tr>
<td>Juneteenth Holiday</td>
<td>June 19</td>
</tr>
</tbody>
</table>
ADMISSIONS PROCESS AND STUDENT PROCEDURES

Admissions Department
Location: Student Services Center
Phone: (408) 741-2001
Regular Hours: Please visit the West Valley College website for current hours of service.
Website: https://www.westvalley.edu/services/online/admissions.html

Admission Eligibility
The District has an open access policy. Students who are 18 years of age or older or those with a high school diploma, GED or High School Proficiency can complete an application to the college. Students can complete a paper or an online Application using CCCApply which is linked to each college's website. Admission to West Valley College or Mission College is under the administration of the Admissions and Records Offices. The Director of Admissions makes final admission determinations. If the Admissions and Records Offices have reason to believe that the high school diploma is not valid or was not obtained from an entity that provides secondary school education, an official high school transcript will be requested for confirmation of validity.

Admission of all students includes determination of residency in the State of California. Specific and current admission procedures are published in the most recent versions of the college schedule of classes, catalog, and website. Persons eligible for admission may be high school graduates or equivalent; anyone 18 years of age or older, including those who have not graduated from high school; and transfer, out-of-state, or foreign students.

High school students who have completed the 9th grade are allowed to enroll in college level courses. High school students may participate in either the Concurrent Enrollment Program (CE) or the Dual Enrollment Program (DE). The college level courses are a part of their permanent college record and with permission from a high school administrator can also be used for high school credit.

International Students
West Valley College welcomes international students with a comprehensive curriculum that includes:

- University transfer courses
- Associate degrees and Associate Degree for Transfer
- Occupational training programs
- Personal or skill development opportunities

Obtain an International Student Application from West Valley College by:

- Online: Application Forms
- Phone: (408) 741-2001
- Email: askwvc@westvalley.edu
- Mail: West Valley College
  Attention: International Student Counselor/DSO
  14000 Fruitvale Avenue
  Saratoga, CA 95070-5698

Transfer Students
Students who have attended a college other than West Valley College are welcome to apply.

1. Complete an application to the college.
2. Complete a transcript evaluation form. Credits earned at an accredited college/university are eligible for transfer credit.
3. Students must have completed a minimum of 12 units at the college before an evaluation will be completed.
4. Submit official transcripts for external coursework and/or official AP reports to your transcript evaluation form.
5. Once evaluation is completed, the student will receive an email notification.
6. Schedule an appointment with a West Valley College counselor to review the evaluation.
7. The evaluated units become part of the student's permanent record at the college and cannot be removed.
8. Major equivalencies must be approved by the department chair and are part of a separate evaluation.

Continuing Education Students
The School of Continuing Education offers noncredit courses and programs that are open to all in-state students who are 18 years of age at no cost. Classes and programs offer skills development and training in the following areas:

- Adapted Physical Education
- Adult Education
- Basic Skills
- Career Education (Vocational)
- Job Training
- Immigrant Education

For more information on course offerings and how to apply, please visit the School of Continuing Education website:
https://www.westvalley.edu/schools/continuing-education/

High School Students
High school students who have completed the 9th grade are allowed to enroll in college level courses and are referred to as Concurrently Enrolled students. The college level courses are a part of their permanent college record and can also be used for high school credit as well as college credit.

The Concurrent Enrollment Program has specific dates to submit completed application packets to the college. Concurrent Enrollment students are given a registration date and time once the Application is reviewed for completeness. Concurrent Enrollment students are allowed to register using the student portal. To be considered for admittance as a special part-time student below:

Procedure for Concurrent Enrollment for High School Students

1. Complete an online application. Returning concurrent enrollment students must reapply every term. https://www.westvalley.edu/admissions/apply.html
2. Complete the Concurrent Enrollment Request Form and Health Services Form: [https://www.westvalley.edu/high-school-students/concurrent-enrollment.html](https://www.westvalley.edu/high-school-students/concurrent-enrollment.html)
3. Prerequisites: If your class requires a prerequisite, submit a copy of your high school transcript or AP scores and/or college transcript to wv.assessment@wvm.edu. Be sure to include your West Valley ID number and information on the courses you want to take.
4. Prior to registration, all students must complete the Guided Self-Placement and the West Valley Welcome, pre-orientation: [https://www.westvalley.edu/admissions/assessment/](https://www.westvalley.edu/admissions/assessment/)
5. Courses numbered 900 above (basic skills) and kinesiology courses are NOT available to concurrent enrollment students.
6. Enrollment is limited to 8 units within the district per term.

### Dual Enrollment for High School Students

**Website:** [www.westvalley.edu/high-school-students/dual-enrollment/](http://www.westvalley.edu/high-school-students/dual-enrollment/)

The Dual Enrollment Program provides high school students an opportunity to enroll in West Valley College courses, tuition free, and receive credit on both their high school and college transcripts. This program only applies to high school students whose districts have a College and Career Access Pathways (CCAPP) agreement with the West Valley College. The Dual Enrollment Program is intended to support students who may not already be college bound or who are underrepresented in higher education. The goal of the program is to develop seamless pathways to community college for career technical education or preparation for transfer, improving high school graduation rates, or helping high school students achieve college and career readiness and underachieving students, those from groups underrepresented in postsecondary education, those who are seeking advanced studies while in high school, and those seeking a career technical education credential or certificate.

### College Advantage Program for High School Students

**Website:** [https://www.westvalley.edu/high-school-students/college-advantage.html](https://www.westvalley.edu/high-school-students/college-advantage.html)

The College Advantage Program is open to seniors at Campbell Union High School District and the Los Gatos-Saratoga Union High School District. The program will place them on the West Valley College campus for all classes during their senior year, obtaining an early start on transferrable college credits. Students may take up to 11 units per regular semester and may enroll in up to two classes in the winter and summer sessions.

### Middle College Program for High School Students

**Website:** [https://www.westvalley.edu/high-school-students/middle-college.html](https://www.westvalley.edu/high-school-students/middle-college.html)

The Middle College Program offers a special opportunity to juniors and seniors from Campbell Union High School District and Los Gatos-Saratoga Union High School District to pursue an academic experience housed entirely at West Valley College. This program is suited for students who are seeking a more challenging academic program and who have the social and academic skills to successfully participate in college level classes. The program is housed entirely on the West Valley College campus, so students are no longer actively involved on their campuses of origin. They do, however, receive a diploma from their “home” high school, and they are allowed to participate in that school’s graduation ceremonies.

### ASSESSMENT, PLACEMENT, AND ORIENTATION

#### Guided Self-Placement for English and Math

**Website:** [https://www.westvalley.edu/admissions/assessment/](https://www.westvalley.edu/admissions/assessment/)

All students are required to complete the guided self-placement, pre-orientation, orientation and develop a comprehensive educational plan in order to receive a priority registration date for enrollment. All community colleges have eliminated placement exams and replaced with Guided Self Placement for classes starting in Summer or Fall 2019.

Follow these four easy steps:

1. Review the English and Math Course sequence in the schedule of classes.
2. Have access to unofficial high school transcripts
3. Navigate the Guided Self-Placement tool.
4. Take a picture or print your results to present at orientation or initial counseling appointment.

**Disability and Educational Support Program (DESP) for students:** if you have a verifiable disability, you may request accommodations for assessment. Contact the DESP Office at (408) 741-2010 or TTY / DESP (408) 741-2658.

#### ESL (English as a Second Language) Orientation and Placement Test

**Website:** [https://www.westvalley.edu/admissions/assessment/](https://www.westvalley.edu/admissions/assessment/)

ESL Orientation: The ESL Orientation will take place the day before each placement test and will have the same start time. Beginning Fall 2021, the ESL orientation is mandatory for all new entering ESL students. To request an orientation and placement test appointment, students need to email their contact information and student ID number to the ESL department. During the orientation, students will learn about the ESL program, how to take the placement test, and how to use technology for taking classes.

**Placement Test:** The ESL placement test will take place the day after the orientation and will be proctored using Zoom.

### Orientation

**Website:** [https://www.westvalley.edu/admissions/orientation.html](https://www.westvalley.edu/admissions/orientation.html)

West Valley Welcome: This is a one-time pre-orientation requirement for all students. It is a virtual experience that will guide you through registration and financial aid steps; and introduce you to a wide variety of campus resources so that you can have the best possible start to your academic experience.

Beginning April 2021 all new students are required to complete the West Valley Welcome pre-orientation prior to registering for classes.

**College Orientation:** This is a requirement for priority registration. In order to be eligible for a priority registration date, students must also complete Guided Self-Placement and have an educational plan on file. The following orientation courses offer in depth information about the college and transfer opportunities, career planning and academic success strategies, meet the requirements for priority registration, and offer education planning resources:

- **COUN A:** College Orientation (1/2 unit)
- **COUN 2:** Academic and Personal Planning (1 unit)
- **COUN 5:** College Success (3 units)
- **COUN 12:** Careers and Lifestyles (3 units)
- **LRSV 1:** Learning Strategies for College and Careers (3 units)

### Procedures for Auditing Courses

The Colleges of the District allow auditing of courses except for courses in programs that require special presentation and/or program admissions on a limited basis. Each college department will determine which courses may be audited. Priority in class enrollment shall be given to students enrolled in the course.
for credit toward a degree or certificate. An auditing student is a class observer who attends the class without the requirement of taking tests or completing assignments. The auditing student must submit a college application (if not already enrolled at the college for the given term).

To audit a course, students:

1. Attend the first-class meeting and request permission to audit the course from the instructor. Students must receive approval from the specific instructor by the last day to add the course each term.
2. Obtain and complete an Audit Form from Admissions and Records.
3. Bring the Audit Form to the Admissions Office by the third week of the term with a payment of $15/unit fee. Students enrolled in classes to receive credit for ten or more semester units shall not be charged a fee to audit three or fewer units per semester.

High school and F-1/I-20 students are not allowed to audit a course. No student auditing a course shall be permitted to change his or her enrollment to receive credit for the course. An auditing fee as established by California Education Code is payable at the time of enrollment as an auditor, except for students enrolled in ten or more semester units auditing a course with three or fewer semester units.

**CREDIT FOR PRIOR LEARNING**

**Procedures for Obtaining Credit for Prior Learning**

Credit for prior learning may be earned for eligible courses approved by the college for students who satisfactorily pass an authorized assessment. Authorized assessments include the evaluation of approved external standardized examinations, military service/training, the evaluation of industry recognized credentials, student-created portfolios, and credit by examination.

Details may be found on the college website and administrative procedure 4235. Students may demonstrate proficiency in a course eligible for Credit for Prior Learning and receive college credit through the approved alternative methods for awarding credit listed below:

- Achievement of a satisfactory score on an Advanced Placement (AP) examination
- Achievement of a satisfactory score on the College Level Examination Program (CLEP)
- Achievement of a satisfactory score on a high-level International Baccalaureate (IB) examination
- Evaluation of military service Joint Service Transcripts (JST)
- Evaluation of industry recognized credential documentation
- Evaluation of student-created portfolios
- Satisfactory completion of an institutional examination, known as Credit by Examination

**Determination of Eligibility for Credit for Prior Learning**

- The student must be in good standing at the college
- The student must have previously earned credit or noncredit* from the District or be currently registered in the District
- Current students must have an education plan on file
- The course is listed in the current College Catalog
- The student is not currently enrolled in the course to be challenged
- Credit by Examination: The student is registered in the District and not currently enrolled in nor received credit for a more advanced course in the same subject

Credits acquired by the above methods shall not be counted in determining the 12 semester units of credit in residence required for an Associate degree. Except for the college residency requirement, there is no maximum cap for units earned through Credit for Prior Learning.

*Noncredit students who are submitting a transcript evaluation request must be registered for credit level coursework or have an approved education plan on file for a credit level major.

- All students must file an application with the Admissions and Records Office.
- The application will be forwarded to the appropriate instructional area and if approval is granted, the student will be notified of the time of the examination.
- The instructional area in which the examination occurs will directly inform the Admissions and Records Office of the grade earned on the examination.

**External Exams**

The following tables provide information on the external exams including:

- Advanced Placement (AP) Examination Program
- College Level Examination Program (CLEP)
- International Baccalaureate (IB) Examination Program

Students intending to transfer to a four-year institution should consult a counselor or the individual college/university regarding its AP, CLEP, and/or IB credit policy for major course work.

**Military Service/Joint Service Transcripts**

West Valley College Veteran students may earn additional college credits for military schooling and training. Credit is awarded for work satisfactorily completed at the lower division baccalaureate and associate degree levels only, usually as elective units. Students intending to transfer to a four-year institution should consult with the individual university regarding its military credit policy. To receive credit, students must submit an official transcript to the Admissions and Records Office and request for those transcripts to be evaluated. These may include the following:

- Joint Services Transcript (JST)
- Sailor/Marine American Council on Education Registry Transcript (SMART)
- Army and American Council on Education Registry Transcript Service (AARTS)
- Community College of the Air Force (CCAF) transcript
- Coast Guard Institute (CGI)
- DANTES/USAFI
- Defense Language Institute Foreign Language Transcripts (DUIFLC)
- Defense Manpower Data Center (DMDC) DLPT Examinee Results
- DA Form 330 Language Proficiency Questionnaire
- Verified copies of DD214 or DD295 military records

For example, a Veteran student who submits their DD214 and completion of Basic/Recruit Training will meet the Health and Fitness requirement for the Associate degree and will meet Area E requirements for both Associate Degree GE and CSU GE.
Non-traditional credit may be used to satisfy general education, elective, or major course requirements. West Valley College will not grant non-traditional credit for non-degree applicable (for more information, reference the precollegiate coursework table). Credits acquired by the above methods shall not be counted in determining the 12 semester units of credit in residence required for an Associate degree.

For any other advanced placement beyond the items listed above, the student is advised to consult a Veterans counselor. Students should visit the Veterans Resource Center website and click the link for the Veterans Benefit Packet.

Industry Recognized Credentials

Students interested in Credit for Prior Learning using industry recognized credential(s) shall receive credit as recommended by the appropriate department chair or faculty designee. If the department chair or faculty designee determines the industry certification adequately measures mastery of the course objectives and content as set forth in the course outline of record, the designee shall notify Admissions and Records. The approval and attached industry recognized credential(s) will be kept on file and recorded on the student transcript.

Student-Created Portfolio Assessment

Students interested in Credit for Prior Learning using a student-created portfolio shall receive credit as recommended by the appropriate department chair or faculty designee under the following circumstances:

- A department approved portfolio assessment rubric for the course
- The student meets with the department chair or faculty designee to receive further instructions for student-created portfolio assessment
- The student submits all portfolio documents to the department chair or faculty designee for assessment of prior learning

If the department chair or faculty designee determines the student-created portfolio adequately measures mastery of the course content as set forth in the course outline of record, the appropriate faculty shall notify Admission and Records Office and the grade and credit will be recorded on the student transcript.

Credit by Examination

According to Section 55050 of Title 5 of the California Code of Regulations, community college governing boards are authorized to grant credit by examination if all the following conditions are met:

- The student is registered at West Valley College and is in good standing.
- The student can demonstrate that he/she is especially qualified, through previous training or instruction, to successfully complete such examination.
- The course for which credit is desired is listed in the college catalog.
- The course has been designated as challengeable by exam by the department chair in consultation with appropriate members of the department faculty.
- The examination is approved or prepared, administered, and graded by faculty and other proper authorities. Examinations can only be given when an instructor is available.

Limitations on credit earned through examination:

- Students are cautioned that any credits obtained by any of the methods listed in this section, while accepted by West Valley College, may not be acceptable for credit by any other institution, public or private.
- Credits acquired by examination shall not be counted in determining the 12 semester units of credit in residence required for an Associate degree.
- A student may challenge a course for credit by examination only one time and the grade received on the examination will be recorded on the student's permanent record. The student's academic record shall be clearly annotated to reflect that credit was earned by examination.
- Students may not petition for credit by examination for a course in which they have previously enrolled and received a grade at WVC or any other college or university.

Student and Faculty Procedures

- All students must file an application with the Admissions and Records Office.
- The application will be forwarded to the appropriate instructional area and if approval is granted, the student will be notified of the time of the examination.
- The instructional area in which the examination occurs will directly inform the Admissions and Records Office of the grade earned on the examination.

Limitations

Students are cautioned that any credits obtained by any of the methods listed in this section, while accepted by West Valley College, may not be acceptable for credit by any other institution, public or private. Students are encouraged to check with that institution on the application of military credit.

FEES AND TUITION

Student Fees

Procedures for the collection, deposit, waiver, refund, and accounting for fees as required by law. The procedures shall also assure those who are exempt from or for whom the fee is waived are properly enrolled and accounted for. Fee amounts shall be published in the catalog and schedule of classes. Each student shall be charged a use fee to support the maintenance and operations of the Student Center.

Residence Determination

Students shall be classified at the time of each application for admission or registration as a resident or nonresident student. A resident is any person who has been a resident of California for at least one year on the residence determination date. The residence determination date shall be the day immediately preceding the first day of a semester or summer session for which the student applies to attend.

Residence classification shall be made for each student at the time applications for admission are accepted or registration occurs and whenever a student has not been in attendance for more than one semester. A student previously classified as a nonresident may be reclassified as of any residence determination date. The Chancellor shall enact procedures (AP 5015) to assure that residence determinations are made in accordance with Education Code and Title 5 Regulations.

Nonresident Tuition

Nonresident Tuition Nonresident students shall be charged nonresident tuition for all units enrolled, unless specifically required otherwise by law. Not later than February 1 of each year, the Chancellor shall bring to the Board for approval an action to establish nonresident tuition for the following fiscal year. The fee shall be calculated in accordance with guidelines contained in applicable state regulations and/or the California Community College Attendance Accounting Manual. The Chancellor shall establish procedures (AP 5020) regarding collection, waiver, and refunds of nonresident tuition.
<table>
<thead>
<tr>
<th>Fee Type</th>
<th>Amount</th>
<th>Required of</th>
<th>Refunds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrollment</td>
<td>$46 per unit (subject to California legislative change)</td>
<td>California residents</td>
<td>Full refunds for drops through 9-11-22 for a semester length class Varied dates for short-term classes.</td>
</tr>
<tr>
<td>Tuition for Non-Residents</td>
<td>$290 per unit (in addition to enrollment fee)</td>
<td>All Non-California residents (in addition to enrollment fee)</td>
<td>Full refund for drops through 9-11-22 for a semester length class.</td>
</tr>
<tr>
<td>International students</td>
<td>$290 per unit (in addition to enrollment fee)</td>
<td>Visa holders from another country (in addition to enrollment fee)</td>
<td>Full refund for drops through 9-11-22 for a semester length classes Varied dates for short-term classes.</td>
</tr>
<tr>
<td>International Student Application Fee</td>
<td>$100</td>
<td>International students who submit an application to West Valley College (F-1 applicants only)</td>
<td>Non-refundable</td>
</tr>
<tr>
<td>International Student Health Fee</td>
<td>$702</td>
<td>International F1 Students</td>
<td>Non-refundable</td>
</tr>
<tr>
<td>Course Material Fee</td>
<td>Variable</td>
<td>Certain Courses may indicate fee in course notes</td>
<td>Full refunds for drops through 9-11-22 Varied dates for short-term.</td>
</tr>
<tr>
<td>Campus Center Use Fee</td>
<td>$15 for full and part-time students</td>
<td>All students except online students who live outside Santa Clara County</td>
<td>Appeal for exemptions can be made through Admissions and Records Office through 9-11-22.</td>
</tr>
<tr>
<td>Health Services</td>
<td>$21 Fall semester</td>
<td>All students including high school students</td>
<td>Full refund for drops through 9-11-22 exemptions may apply. For details, go to the web: <a href="https://www.westvalley.edu/admissions/fee-schedule.html">https://www.westvalley.edu/admissions/fee-schedule.html</a></td>
</tr>
<tr>
<td>Web Reg. Web processing fee</td>
<td>$3 for each term</td>
<td>All students using web for college transactions</td>
<td>Not eligible for exemption.</td>
</tr>
<tr>
<td>Representational Fee</td>
<td>$2</td>
<td>All students except high school students</td>
<td>Not eligible for exemption.</td>
</tr>
<tr>
<td>Associated Student Government (ASG) fee</td>
<td>$14</td>
<td></td>
<td>Appeal for exemptions can be made through Admissions and Records Office through 9-11-22.</td>
</tr>
<tr>
<td>Parking fee</td>
<td>$50 for Fall semester $25 for Summer term</td>
<td></td>
<td>Parking permits must be returned to the Admissions and Records Office by 9-11-22.</td>
</tr>
<tr>
<td>Transcripts</td>
<td>First 2 printed (non-rush) transcripts: free. Must be ordered in person at the Admissions Office (7 – 10 business days) Subsequent requests • 7 – 10 business days: $6.00 • 1 hour “rush”: $20.00 • 24 hour “rush”: $15.00 Additional copies ordered at the same time as the “rush” order: $5.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other charges</td>
<td>Duplicate degree $10; degree/ certificate cover $10 (Free at Graduation). Nelnet Student Payment Plan (optional) $20.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The following are considered Basic Fees: Campus Center Use, Health Services, Web Reg. Web processing fee and the Representational Fee are not eligible for exemption. ** All fees are subject to change.

**PAYMENT INFORMATION**

**Introduction**

Fees are charged and due at the time of registration. Payments can be made:

1. On the web using Visa or Mastercard; or selecting a payment plan.
2. By mail with check, money order or Cashiers check

Please write student's College ID number on the front. DO NOT MAIL CASH.

Please send one check per student. Send all payments to:

West Valley College —Admissions Office
14000 Fruitvale Avenue
Saratoga, CA 95070-5698
Nelnet Payment Plans

WVMCCD has partnered with Nelnet Business Solutions to let you pay over time, making college more affordable.

- $20 enrollment fee per semester
- $30 returned payment fee if a payment is returned
- Payments are processed on the 5th of each month and will continue until the balance is paid in full

Simple steps to enroll:

- Log into your college portal
- Under WVCPortal select Registration
- Select Create a Payment Plan at the bottom of the menu

Course Material Fees

Some courses require a mandatory instructional materials fee or an optional fee for purposes of materials needed to assist in learning or achieving the objectives of the course. Education Code section 76365 permits colleges to require students to provide various types of instructional materials and enables colleges to sell such materials.

Returned Check Fee

The WVC fee for processing checks returned by a bank due to insufficient funds, stopped payment or closed accounts is $15.00 per check in addition to the original amount and may go as high as $25.00, depending upon the response time on the check clearance. In addition, a delinquency hold will be placed on the student's records and registration will not be allowed. Passing of N.S.F., stop payment, and account closed checks may be considered a criminal offense and may be referred to the District Attorney's Office for prosecution.

Use of Social Security

Number Notification of Tax Identification Numbers (TIN) or Social Security Numbers (SSN) Required Collection & Usage. Federal legislation relating to the Hope Tax Credit and Internal Revenue Service (IRS) 1098T production mandates that all colleges report student SSN or TIN numbers to the IRS. This IRS mandate requires colleges to collect the SSN or TIN. A student may refuse to disclose his or her SSN or TIN to the school but the IRS is then authorized to fine the student in the amount of $50. West Valley College assigns a unique student ID number to every student and does not use the SSN or TIN as a student identifier. All SSNs and TINs collected as mandated are protected by federal regulations under the Family Educational Rights and Privacy Act (FERPA).

Legislation AB 2210

Education Code section 68075.6 grants an immediate nonresident tuition fee exemption to eligible Special Immigrant Visa (SIV) holders and refugee students who settled in California upon entering the United States. This exemption is granted for one year from the date the student settled in California upon entering the United States. For more information visit the Admissions Fees and Tuition website.

BANKMOBILE FINANCIAL AID REFUND SELECTION

West Valley Mission College District has partnered with BankMobile to deliver your financial aid refund. BankMobile is committed to provide students with clear choices and offer great customer service.

Your choices include:

- Deposit to an existing account
- Deposit to BankMobile Vibe checking account

BankMobile ATM is located in the Bookstore.

Refund Policies

The first set of refunds occurs the week after the add drop period. If you pay with a credit card, your card will be refunded. If you pay by cash or check, a check will be mailed to you. Please be aware that new registration activity may create a new balance which is due and payable at the time of activity.

- If your class is cancelled, you will automatically receive a refund.
- Parking permits must be returned to Admissions by the last day to add a semester length class.
- Financial Aid students who withdraw from college prior to completing 60% or more of scheduled class meetings in a semester may owe money back to the federal government. Check with the Financial Aid Office immediately.

Refunds

Dropping Classes and Refund Policies, Procedures, and Guidelines A community college district shall not refund any enrollment fee paid by a student for program changes made after the first two weeks of instruction for a primary term-length course, or after the 10 percent point of length of the course for a short-term course, unless the program changes are a result of action by the district to cancel or reschedule a class or to drop a student pursuant to Section 58106(g) where the student fails to meet a prerequisite.

1. Semester Length Classes - Refund of enrollment fees: Full refund for semester length class(es) dropped within the deadline dates. Drop deadlines refer to: refunds, no notation on records, and last date to drop with a “W” – (Withdraw). After the determined last day to drop, a letter grade other than a “W” will be posted, refund and drop deadlines are posted in Schedule of Classes and on college website.

2. Short-Term Class Guidelines – Classes with 5 or more class meetings:
   - Receive a full refund if the class is dropped within 10% of total days of class session.
   - Dropping without a “W” (withdraw) on record, if the class is dropped within 20% of total days of class session.
   - Dropping with a “W” on record: if the class is dropped within 75% of total days of class session. Example: Class meets March 2 – March 21 meeting on Mon and Wed. Total day of class session = 20 (includes Sat, Sunday and Holidays).
   - 10% = 2 days for full refund; 20% = 4 days for no “W” or refund; 75% = 15 days for drop with “W”.

3. Short-Term Class Guidelines - Classes with less than 5 class meetings:
   - Receive a full refund if class dropped before the date of the first class meeting. No refund for drops on the date of the class meeting or later.
   - Dropping without a “W” (withdraw) on record: if the class is dropped before the date of the first class meeting.
   - Dropping with a “W” on record: if dropped after class begins.

4. Non-resident tuition refund: For semester length classes: 100% refund of all fees for classes dropped during the first and second weeks. For short term classes, refer to Short-Term Drop Guidelines above (includes summer term)
Delinquencies Posting for Non-Payment

Delinquencies will be placed on students' records by the Finance Office for fees and any other financial obligations owed to the College. West Valley College will not allow a student to register in the College nor will the College forward transcripts or any other records to other institutions if students have delinquencies on their records. Degrees and certificates will be held until all outstanding fees have been paid or cleared. Delinquent accounts may be referred to a collection agency.

FINANCIAL AID

Introduction

Location: Student Services Center (SSC)
Phone: (408) 741-2024
Regular Hours: Please visit West Valley College website for current hours of service.
Website: https://www.westvalley.edu/services/financialaid/

Financial Aid manages programs designed to help students pay for educational and living expenses while they are in school. When students apply for financial aid, we evaluate their circumstances and identify all the financial help available to them through federal, state, and other programs. Most students do not realize they may qualify for one or more of the financial aid programs currently available.

Submit a Free Application for Federal Student Aid (FAFSA) or the CA Dream Act. We will automatically review your eligibility for all Financial Aid programs based on your application data.

FINANCIAL AID PROGRAMS AVAILABLE

California College Promise Grant

CCPG waives 100% enrollment fees and a portion of the parking fee.

Eligibility Criteria:

• You must be a California resident or an AB 540 student as determined by the office of Admissions and Records
• You meet specific income levels, or
• You have demonstrated financial need, of at least $1104, through the FAFSA/CA Dream Act application process, or
• You currently receive benefits from TANF/CalWorks, or SSI/SSP or General Assistance, or
• You are eligible for a dependent veterans fee waiver or approved by the National Guard Adjutant General that you are a dependent, or
• You are eligible as a recipient of the Congressional Medal of Honor, or you are eligible as a dependent of a victim of the September 11, 2001, terrorist attack, or you are eligible as a dependent of a deceased law enforcement/fire suppression personnel killed in the line of duty.
• You are eligible as a dependent/spouse/ Registered Domestic Partner of a deceased physician, nurse, or first responder who died of COVID-19 during the COVID-19 pandemic state of emergency in California.
• The deadline for the CCPG for the 2022-23 academic year is May 27, 2023.

California College Promise Grant Fee Waiver (CCPG) New State Regulations

Under new state regulations, students will LOSE eligibility for the CCPG if: They are on probation for not maintaining a 2.0 GPA (grade point average) for two consecutive primary terms. They have not successfully completed half (50%) or more of the units attempted in two (2) consecutive primary terms. Only Foster Youth are exempt from this policy. Primary terms are FALL and SPRING terms at semester-based schools. Students that are determined ineligible are also not allowed a student to register in the College nor will the College forward transcripts or any other records to other institutions if students have delinquencies on their records.

You are eligible as a dependent/spouse/ Registered Domestic Partner of a deceased physician, nurse, or first responder who died of COVID-19 during the COVID-19 pandemic state of emergency in California.

California College Promise Grant Fee Waiver (CCPG) New State Regulations

Under new state regulations, students will LOSE eligibility for the CCPG if: They are on probation for not maintaining a 2.0 GPA (grade point average) for two consecutive primary terms. They have not successfully completed half (50%) or more of the units attempted in two (2) consecutive primary terms. Only Foster Youth are exempt from this policy. Primary terms are FALL and SPRING terms at semester-based schools. Students that are determined ineligible are also not allow a student to register in the College nor will the College forward transcripts or any other records to other institutions if students have delinquencies on their records.

For more information, visit: https://www.westvalley.edu/services/student-right-to-know/student_success_act.html#tabs-4
To download an appeal, visit: https://www.westvalley.edu/admissions/forms

Grants

Eligibility Criteria:

• 2.0 GPA Minimum
• Declare a major that is at least one year in length.
• Community Grant pays up to $3,000/year for incoming freshmen. Amounts may vary upon funding.
• California College Promise pays up to $2,000/year for First and Second Year Free. Amounts may vary upon funding.
• Cal Grant B pays up to $1,672/year for AA/AS degree or AA-T/AS-T programs
• Cal Grant C pays up to $1,094/year for vocational students not transferring to a 4 year college.
• Cal Grant funding is limited to four (4) academic years. In order to graduate with a Bachelor's Degree from a 4-year institution within the 4-year limit, you must complete 15 units or more per semester or the equivalent quarter units.
• Cal Grant recipients with dependents will be considered for additional funding.
• Student Success Completion Grant (SSCG): Cal Grant B or Cal Grant C recipients who are enrolled in 12-14.5 units at a California Community College and have remaining unmet need. The SSCG award is $1,298 per year ($649 per semester). Recipients who are enrolled in 15+ units and have remaining unmet need may be eligible for $4,000 per year ($2,000 per semester). The Financial Aid office may award additional students who take sufficient number of units during the summer semester. For more information: https://www.csac.ca.gov/
• Pell Grant pays up to $6,895/year
• Chafee Grant pays up to $5,000/year (former foster youth only)
• Federal Supplemental Education Opportunity Grant (FSEOG) pays up to $600/year

Federal Work Study

Eligibility Criteria:

• Same eligibility requirements as with grants.
• Must have remaining unmet financial need after fee waiver and grants are considered
• Must enroll in at least 6 units
• Part time employment
Register each semester. Returning veterans should allow the same amount of time for their requests. Continuing veterans should check with the Veterans Office as soon as they bring a copy of your DD214 or 2384 (NOBE) or Certificate of Eligibility for Ch. 33 (post 911) and any documentation relating to spouse and/or dependents. Services Center (SSC), at least six weeks prior to the first day of school. Processing paperwork early can help avoid delay in receipt of first payment. You must New veterans should visit our website: westvalley.edu/veterans or contact the Veteran’s Certifying Official in the Financial Aid Office, located in the Student Services Center (SSC), at least six weeks prior to the first day of school. Processing paperwork early can help avoid delay in receipt of first payment. You must bring a copy of your DD214 or 2384 (NOBE) or Certificate of Eligibility for Ch. 33 (post 911) and any documentation relating to spouse and/or dependents.

### Veterans Educational Benefits

**Unusual Enrollment History (UEH)**

Unusual Enrollment History (UEH) means the student attends an institution long enough to receive (Title IV) federal student aid funds, leaves without completing the enrollment period, enrolls at another institution, and repeats the pattern of attending just long enough to collect Title IV funds without having earned any academic credits.

If selected, Financial Aid will ask for transcripts for all institutions/universities attended in the last four years. Students will also need to provide their reason(s) for jumping from school to school and submit documentation to back up their situation.

### Veteran's Educational Benefits

New veterans should visit our website: westvalley.edu/veterans or contact the Veteran's Certifying Official in the Financial Aid Office, located in the Student Services Center (SSC), at least six weeks prior to the first day of school. Processing paperwork early can help avoid delay in receipt of first payment. You must bring a copy of your DD214 or 2384 (NOBE) or Certificate of Eligibility for Ch. 33 (post 911) and any documentation relating to spouse and/or dependents. Returning veterans should allow the same amount of time for their requests. Continuing veterans should check with the Veterans Office as soon as they register each semester.
STUDENT SERVICES AND LEARNING RESOURCES

AB 705
All students seeking a degree, including active-duty military, veterans, CalWORKs, EOPS and DESP who started Fall 2014 and beyond, are required to complete a guided self-placement, orientation and develop a comprehensive educational plan in order to receive a priority registration date for enrollment. All community colleges have eliminated placement exams and replaced with Guided Self-Placement for classes starting in Summer or Fall 2019.

Disability and Educational Support Program (DESP) for students: if you have a verifiable disability, you may request accommodations for assessment. Contact the DESP Office at (408) 741-2010 or TTY / DESP (408) 741-2658.

English as a Second Language (ESL) are required to contact the assessment office for testing.

Students Exempt from Assessment
- Anyone who received a score of 3, 4 or 5 on the Advanced Placement in English Literature, English Language or Mathematics AB and/or BC.
- Students who are only taking classes that do not require English or Math as pre-requisites or for personal enrichment.
- Students who have completed an Associate Degree or higher from an accredited American college or university.
- Students who have completed English, Math, and/or Reading at another college or university.

Learning Outcome
Students who complete the Guided Self-Placement tool will be able to:
- Identify English course recommendation
- Identify Math course recommendation

ADMISSIONS AND RECORDS
(408) 741-2001
https://www.westvalley.edu/admissions/

The Admissions & Records Office should be your first stop at West Valley College. College staff can provide application assistance, residency determination, process official and unofficial transcript requests, evaluate degree and certificate requests, create student identification cards and many other services. For more information visit the https://www.westvalley.edu/admissions/.

Learning Outcomes
After accessing services of Admissions and Records, a student will be able to:
- Process an application online;
- Use the WVCPortal for processing adds, drops, change of address and transcript requests;

Students, who submit an Academic Appeal petition for Readmission, will:
- Learn the Academic Appeal process and policies.
- Understand the meaning of Academic Probation/Dismissal and Progress Probation/Dismissal.

ASSOCIATED STUDENTS OF WEST VALLEY COLLEGE
(408) 741-2006
https://www.westvalley.edu/campus-life/

The Associated Students of West Valley College (ASWVC) are a group of student leaders who are dedicated to making West Valley a better place for students. It consists of the Student Senate, the Campus Activities Board, the Executive Board Officers, and Student Committees, as well as senators representing students on other college committees. ASWVC works with campus administration to advocate for student needs, whether it be directly or through committees on campus.

This organization also sponsors student activities and events to create a vibrant student experience on campus. The goal of ASWVC is to facilitate change and promote opportunity for all students and to make West Valley an engaging college, both in the classroom and outside.

BOOKSTORE
(408) 741-2015
https://westvalley.bncollege.com/

The Viking Bookstore is professionally managed by Barnes and Noble College Stores and is located in the WVC Campus Center. The bookstore stocks all required textbooks and supplies as well as WVC imprinted clothing and giftware, and a wide selection of beverage and snack items. We offer a rental option on many textbooks for substantial savings to our students, a book buyback program in the store and easy online ordering for pick up or delivery through our website.

Learning Outcomes
The student worker will learn:
- Cashiering;
- Shipping/Receiving;
- Stocking;
- Customer service;
- Personal responsibility;
- Time management required for successful work.

The above listed skills are carried on into work both on and off campus.
If you are a student who receives CalWORKs/TANF (Temporary Assistance to Needy Families), you may be eligible to receive individual career and personal counseling, services and support to help you succeed in school and meet the requirements of your CalWORKs plan. The CalWORKs Program can assist you with child care, books and supplies, transportation and other needs. Work study jobs, tutoring and support groups are also available.

Learning Outcomes
After participating in the CalWORKs program, a student will be able to:
- Define personal and/or academic goals, short term or long term;
- Identify on and off campus resources.

CAMPUS SAFETY
(408) 741-2092
https://wvm.edu/services/police/Pages/default.aspx

The West Valley/Mission College District strives to maintain a safe environment for students, faculty, and visitors to pursue educational objectives. However, a truly safe and secure campus can only be achieved with cooperation of all members of our college community. Please see the schedule of classes for further information on crime prevention.

The District takes great pride in being among the safest campuses in the South Bay area. A detailed campus safety brochure is available on request or at many on-campus student services locations. The West Valley/Mission College District Police Department submits monthly crime statistics to the Department of Justice. Current statistics are available from the Police Department and in the schedule of classes.

CAREER AND STUDENT SERVICES
(408) 741-2098
https://www.westvalley.edu/services/careers/

Career and Student Services, located in the Student Services Center, provides information on degree and certificate programs with career emphasis. Brochures and major sheets for career programs are available. To receive a packet of information on any career program, call or check our web site.

CHILD DEVELOPMENT CENTER
(408) 741-2409
https://www.westvalley.edu/child-development-center/

The Child Studies Department at West Valley College offers an early childhood program for children 2 to 6 years old. Children must be two years old prior to enrollment in the program. Students, staff, faculty and community families are eligible for the program. Tuition subsidy is available for low income families. Eligibility is determined based on family size, gross monthly income, and reason for needing child care.

This program is an integral part of our Child Studies Department Early Childhood Teacher Training Program and provides an exemplary opportunity for Child Studies students to observe and participate in a model early childhood classroom. The Child Development Center core staff are fully qualified teachers in early childhood education. For more information on availability and hours, contact the Child Development Center office or visit the website.

COUNSELING

Counseling Services
(408) 741-2009
https://www.westvalley.edu/services/counseling/

The College Counseling Services is staffed by competent, highly-trained and diversely experienced counselors. The primary goal of Counseling Services is to provide opportunities for students to clarify their personal, academic, career goals; develop self-confidence, self-esteem, and self-direction, to make informed decisions, and utilize resources. Additional counselors are located in support programs (DESP, EOPS, TRIO, Career Programs, and Veteran's Center). Counseling services include the following:

Academic Counseling
Academic counseling includes educational goal-setting, exploring educational options and opportunities, evaluating educational potential, and providing the student with clear, concise and up-to-date educational planning and transfer information.

Career Counseling
https://www.westvalley.edu/services/careers/

Career counseling provides the student with an opportunity for clarification and integration of career and educational goals, study of careers and life-styles, vocational and career inventories, and career decision making courses.

Personal Counseling
Personal counseling is provided to students who seek assistance in resolving personal, relational, self-identity, or health-related problems which are limiting or interfering with the student's ability to successfully pursue a college education.

Counseling Courses
Counseling 000A College Orientation, is a course that helps students with course selection while outlining WVC resources, policies and procedures.

The following courses are transferable: Counseling 2, Academic and Personal Planning; Counseling 5, College Success; Counseling 12, Careers and Lifestyles; Counseling 12C, Career and Lifestyles; Counseling 24, Personal Growth; Counseling 45, Successful Study Strategies; Counseling 50, Cross-Cultural Perspectives.
Learning Outcomes - Courses
After completing courses in Counseling, a student will be able to:
- Identify strategies for making wise choices, goal setting, taking responsibility, and thinking critically about life choices;
- Create a plan with long and short term goals to achieve their personalized educational and/or career goal.

Learning Outcomes - Services
After utilizing Counseling services, a student will be able to:
- Identify course selections for the next semester;
- Demonstrate an understanding of which general education pattern to follow, and how to access the major requirements needed to achieve their educational goal.

Counseling Services is located in the Student Services Center.

DISABILITY AND EDUCATIONAL SUPPORT PROGRAM (DESP)
(408) 741-2010
https://www.westvalley.edu/services/desp/
Disability and Educational Support Program (DESP) facilitates the success of students with disabilities in classes and programs. A variety of services and educational assistance courses are provided in an effort to equalize educational opportunities for students as they move toward their educational or vocational goals. Course offerings are listed under Disability and Educational Support Program, Kinesiology and Continuing Education in this catalog.

Learning Outcomes
Following the completion of the DESP new student intake:
- Students will demonstrate the ability to request approved accommodations.

Support Services
Support services are based on the educational limitations of the disability and determined through an interactive process.
- Interpreters / RealTime Captioning
- Counseling
- Notetakers
- Alternate media / e-text
- Specialized equipment
- Readers
- Registration priority
- Mobility assistance
- Braille transcription
- Test-taking assistance

Counseling Services
Specialized counseling is available to assist students with the college application and registration process and to provide academic, career and disability-related counseling to aid student success.

Learning Disability Services
Assessment of learning difficulties and courses for students with learning disabilities are offered.

Adapted Physical Education
Physical education courses designed for students with disabilities are listed under Kinesiology and Non-credit in this catalog.

Assistive Technology Services
Assistive technology and evaluation and training in the use of computer technology are available.

DISTRICT POLICE
(408) 741-2092 West Valley College (Police office only)
(408) 299-2311 West Valley College (for non-emergency police officer response)
9-1-1 for emergency only
https://wvm.edu/services/police/Pages/default.aspx
The West Valley/Mission District Police Department provides police patrols during class sessions, weekends, and holidays. The District Police have full state law enforcement authority identical to that of your local police and sheriff. Officers are responsible for a wide range of public safety services, including crime reports, traffic accidents, criminal investigations, and all other incidents requiring police assistance. District Police Officers maintain a mutual aid policy with the police of the city of Santa Clara and the Santa Clara County Sheriff’s Department.

District Police Officers may be supplemented by non-sworn, uniformed Parking Enforcement Officers, who may assist with non-emergency situations, aid motorists, provide campus information, issue parking citations, direct traffic, and provide safety escorts and foot patrol services during evening hours.

Please see the schedule of classes for further information on campus safety, a drug free campus, and Student Right to Know: For further information regarding the District Police, parking, “Student Right to Know” and crime statistics, visit: https://wvm.edu/services/police/clery/Pages/default.aspx. “Student Right to Know” information is also available at the District Police Office.

EXTENDED OPPORTUNITY PROGRAMS & SERVICES (EOPS) AND COOPERATIVE AGENCIES RESOURCES FOR EDUCATION (CARE)
(408) 741-2023
Extended Opportunity Programs & Services (EOPS) offers educational and financial support services to students who have historically experienced language, social and economic barriers. Students must meet the state mandated educational and financial disadvantage criteria to be considered eligible. The intent, purpose, and resources of EOP&S are aimed at assisting students to achieve their academic and career goals.

CARE is a program designed to help single parent students succeed in college. CARE students must be at least 18 years of age and single heads of household. The student or their child, who must be under 14 years of age, must be receiving CalWORKS/TANF/AFDC.

All CARE students are also EOPS eligible.

**Included Services**

- Book vouchers and grants
- Priority registration
- Academic, career and personal counseling
- Assistance with the transfer process
- University application fee waivers
- Additional tutoring hours
- Referrals to special programs and resources
- Peer advising
- Emergency loans
- Multi-cultural awareness and social activities

Students interested in further information are encouraged to visit or call the EOP&S Office at (408) 741-2023.

**Learning Outcomes**

After participating in an EOP&S New Student Orientation, a student will be able to:

- Demonstrate social and personal responsibility by: attending counseling appointments, submitting academic progress early alert, developing educational plan with a counselor.

**FINANCIAL AID**

(408) 741-2024

https://www.westvalley.edu/financial-aid/

Financial Aid opens the door to post-secondary education for many whom could not otherwise afford its costs. Financial Aid manages programs designed to help students pay for educational and living expenses while they are in school. We evaluate student circumstances and identify all of the Federal, State and Institutional programs available.

**How to Apply**

Students must complete the Free Application for Federal Student Aid (FAFSA) online at: [https://studentaid.gov/h/apply-for-aid/fafsa](https://studentaid.gov/h/apply-for-aid/fafsa) or California Dream Act Application (CADAA) at: [https://dream.csac.ca.gov/landing](https://dream.csac.ca.gov/landing). Additional documents may be required. Be sure to respond immediately to any requests made by the financial aid office.

**Learning Outcomes**

Students who participate in Federal Work Study (FWS) will be able to:

- Develop and refine time management skills by balancing and prioritizing work and academic demands.
- Develop an understanding of Supervisor/Employee relationships.

**Financial Aid Programs**

**Federal Programs**

Federal Pell Grant – Assists students to cover school related expenses.

Federal Supplemental Educational Opportunity Program (FSEOG) – Student must be eligible for Pell Grant and be enrolled in at least 12 units (full time).

Federal Work Study – Provides the opportunity to work on campus or off campus.

Federal Direct Student Loans - Assists students with unmet need to cover school related expenses.

**State Programs**

**California Dream Act**

Effective January 1, 2013 AB 540 students are eligible to apply for the California College Promise Grant (formerly BOGW) and other state programs. Complete application instructions are available online at: [https://dream.csac.ca.gov/landing](https://dream.csac.ca.gov/landing)

**California College Promise Grant (CCPG)**

The California College Promise Grant (CCPG) waives enrollment fees and a portion of the parking fees. Applications must meet eligibility criteria (e.g. household size and income levels, etc.). Visit: [https://www.westvalley.edu/financial-aid/](https://www.westvalley.edu/financial-aid/) to fill out a CCPG application if the FAFSA or CADAA has not yet been completed.

**California Grants (Cal Grants)**

Cal Grant B – For disadvantage or low income students. Covers living expenses, books and supplies. Minimum GPA 2.0

Cal Grant C – Helps vocationally oriented students acquire marketable job skills within a short period of time. If eligible for a Cal Grant, ask the Financial Aid Office for additional supplemental grants.

Cal Grant C – Helps vocationally oriented students acquire marketable job skills within a short period of time. If eligible for a Cal Grant, ask the Financial Aid Office for additional supplemental grants.
Scholarship Program

The West Valley College Scholarship Program is administered by the Financial Aid Office. The funds are designed to recognize accomplishments and to provide tangible encouragement to students who have demonstrated academic achievement, leadership, community service, and financial need. Funds are donated from a joint investment of contributions from the private sector and from West Valley College employees. The application is available in December through February. Recipients will be notified in April and announced at the Scholarship Ceremony in May of the current academic year to be used the following academic year. (i.e., Feb. 2021 deadline for the 2021-2022 school year)

The Financial Aid Office also maintains information on various scholarships offered and administered by outside donors and organizations. Interested applicants should visit: https://www.westvalley.edu/financial-aid/ for more information.

Veterans Administration Educational Benefits

Veterans enrolled at the College may be eligible for educational benefits under the Veterans Administration (VA) Educational Benefits Program. These benefits include a monthly educational allowance. Most, but not all, of the programs at the College are approved for certification of VA benefits. Interested veterans and/or eligible dependents are urged to call or contact the VA Educational Benefits Certifying Official in the Financial Aid Office for more information.

In addition to the academic standards outlined in the West Valley Catalog and West Valley Schedule of Classes, Veterans collecting educational benefits will be subject to the following academic standards of the Veterans Administration for continuing eligibility:

1. Must maintain a minimum of at least a 2.0 (C) cumulative grade point average in course work attempted.
2. Veterans falling below a 2.0 (C) cumulative grade point average will be given a maximum of two (2) semesters to correct the academic deficiency and bring their cumulative grade point average to at least the 2.0 (C) minimum requirements.
3. Veterans whose cumulative grade point average remains below 2.0 (C) for more than two (2) semesters will be allowed to pursue their educational goal but will not be certified for veteran's educational benefits until such time as their cumulative grade point average is at least 2.0 (C) or higher.

FIRST YEAR EXPERIENCE

https://www.westvalley.edu/learning-communities/first-year/

The First Year Experience (FYE) Program at West Valley College is a learning community designed for students who want to succeed in meeting their educational goals and who welcome additional support and guidance. All students are eligible for FYE. Students take an English and/or Math class in addition to College Success (Counseling 5) with other FYE students. Most of the students in the program are recent high school graduates, but other interested students are welcomed. Classes are in a Monday – Thursday daytime schedule. This block schedule approach provides an opportunity to develop strong support an connections with other students, instructors and support services. FYE students receive the focused attention which contributes to college success. These integrated classes are a great way to learn about college while developing success oriented strategies leading to graduation and transfer.

Learning Outcomes

After participating in the First Year Experience, students will:

• Develop a Student Educational Plan with the goal of an associate degree, certificate and/or to transfer to a four year college or university.

FOOD SERVICES

(408) 741-2026

https://www.westvalley.edu/contact/

The Campus Center Café offers a variety of menu selections. These selections include hot breakfast, salad bar, Asian fair, Mexican cuisine, deli bar, grill, baked goods, snacks and beverages. Vending machines are located throughout campus and a coffee cart is available in the Campus Center.

DRIP COFFEE

Drip Coffee offers coffee and other drinks, as well as Grab-n-Go food items. There are 2 locations on the West Valley campus: In the Campus Center and an outdoor trailer at the north side of the Che Building. It also offers catering services as well. For details on hours and days open, check the website: https://www.westvalley.edu/contact/

FOOD RESOURCES

DRIVE-THRU FOOD DISTRIBUTION

Visit the NEW weekly free food distribution location, and stop by during the following hours to receive free food items. Students and any local Community member will need to complete a onetime form and receive a client ID To receive free food weekly. Please, visit the WVC website for latest updates https://www.westvalley.edu/services/student-needs/ Location: WVC Parking Lot 3

• Every Monday from 9:00AM - 12:00 PM (or, until supplies last)

WEST VALLEY ROOTS COMING SOON!

Student can visit our NEW on campus food pantry located in the Campus Center (CC 313) Across from the Veterans Center. Please, visit the WVC website for latest updates and hours of operation. https://www.westvalley.edu/services/student-needs/

HEALTH SERVICES

(408) 741-2027, for emergencies call 911

https://www.westvalley.edu/services/health/

The college maintains a Student Health Service designated to facilitate the physical, emotional, and social well-being of students to increase their potential for educational success.

Services include: personal and crisis counseling; limited medical treatments; contraceptive counseling; screenings for blood pressure, pregnancy, and tuberculosis; health assessment; education; and referrals to online and community resources.

Services are provided by a team of health professionals including registered nurses, mental health counselors, and consulting physicians.
After accessing the services provided by the International Students Office, an international student will:

**Learning Outcomes**

After accessing one or more Health Services programs, services, and/or activities, a student will be able to:

- Locate and utilize the health services offered on campus, online, or in the community.

**HONORS**

(408) 741-2147
https://www.westvalley.edu/learning-communities/honors/

The Honors University Transfer Program provides highly motivated students the opportunity to work closely with instructors and other motivated students in advanced levels of critical thinking, analysis, research, writing, and communication. The goal of the Program is to engage, support, and challenge self-motivated students to pursue a deeper education, enabling them to create opportunities for success in both their personal and professional lives. Honors courses offer enriched educational experiences through our Honors faculty, challenging coursework, typically smaller class sizes, and the opportunity to study with other highly motivated students. Apply here: https://www.westvalley.edu/learning-communities/honors/

**Eligibility, Maintenance, and Completion**

New and current students that meet the following criteria are encouraged to apply:

- Current WVC Student Qualification: Earn a GPA of 3.25 or high in at least 9 units of transferable coursework
- High School Student Qualification: Earn a high school cumulative GPA of 3.5

To maintain active membership in the program, students must maintain a 3.25 cumulative GPA or higher. We recommend that students complete at least 2 honors classes each academic year. Successful completion of the program will require each student to complete 15 units of honors coursework with a cumulative GPA of a 3.25 or better. There is no adverse consequence if you do not complete the 15 honors units.

**Program Benefits**

Students who complete the program will receive a special Honors Graduation Medal during commencement as well as a Permanent Notation on your Academic Transcript that you are an Honor Program Graduate. The honors program has special partnerships with a range of four-year universities that provide advantages in the application and scholarship process. Most notably, our partnership with UCLA's Transfer Alliance Program significantly increases admission to UCLA College of Letters and Science (continue reading for more details). Other partnerships can be found on the Honors Program webpage.

UCLA Transfer Alliance Program (TAP) - Students who complete the Honors Program at West Valley College receive priority consideration for admission to UCLA College of Letters and Science. Admitted TAP students are also eligible to apply for scholarships reserved for the Transfer Alliance Program. Students are advised to contact the Honors Program Coordinator to discuss eligibility and participation. Learn more about the UCLA TAP at: http://tap.ucla.edu.

**INTERCOLLEGIATE ATHLETICS**

(408) 741-2017
https://athletics.westvalley.edu/landing/index

The College offers men's and women's sports at the intercollegiate level. West Valley College is a member of the Coast Conference and participates in water polo, soccer, basketball, baseball, softball, swimming, beach volleyball, volleyball, and tennis. Students interested in participation and in learning about eligibility requirements may contact the Department of Kinesiology and Athletics at West Valley College.

**Learning Outcomes**

After participating in Intercollegiate Athletics a student will:

- Demonstrate an understanding of the rules and/or assignment of the sport of participation
- Demonstrate improvement in 3-5 skills specific to the participants sport
- Demonstrate team commitment and team strategies to be successful

**INTERNATIONAL STUDENTS**

Student Services Center
(408) 741-4028
https://www.westvalley.edu/services/international/

West Valley College welcomes international students with a comprehensive curriculum that includes:

- University transfer courses
- Associate degrees and Associate Degree for Transfer
- Occupational training programs
- Personal or skill development opportunities
- Obtain an International Student Application from West Valley College by:
  - Online: International Student Application Forms
  - Phone: (408) 741-4028
  - Email: askwvc@westvalley.edu
  - Mail: West Valley College, Attention: International Students/DSO
  14000 Fruitvale Avenue, Saratoga, CA 95070-5698

The International Student Office offers complete services to F1 visa students: facilitates application/admission process, immigration and status advising, counseling and the transition to studying in the United States. To be admitted to the college a student must achieve a minimum TOEFL score: 61 ibt (internet based). IELTS, ITP and Step Eiken are also accepted in lieu of TOEFL. Please contact department for accepted tests and minimum scores. The international student advisor holds orientations each semester to acclimate the students to the American Educational system, to review F1 status regulations, and to review/assist students in registration. International student advisors assist currently enrolled international students with such concerns as academic matters, status/immigration/employment regulations, services available, and personal concerns.

**Learning Outcomes**

After accessing the services provided by the International Students Office, an international student will:
• Understand the responsibilities of the F-1 visa status requirements
• Develop an Educational Plan to meet their individual course requirements for degree and/or transfer goals

LIBRARY
(408) 741-2028
https://www.westvalley.edu/library/

The Library offers a wide variety of resources and services. These include reference assistance, orientations and classes in how to use the library “to conduct” research. Online databases and a library catalog are accessible 24/7. Internet stations and printing are available for course-related work. Wireless Internet access is also available.

The library collection includes books, periodicals, reference materials, databases, streaming media, e-books, laptops, photographic and video equipment, and audiovisual media. Current students may use their student ID card to borrow materials from both the West Valley College and Mission College collections.

Library hours are posted at the front entrance to the Library and on the Library website: https://www.westvalley.edu/library/

Learning Outcomes
After completing courses, orientations, or workshops, a student will be able to do one or more of the following:

• Gather, evaluate, and use information in order to successfully complete research projects;
• Properly cite sources according to established formats such as MLA and APA;
• Explain the legal and ethical aspects of research, including copyright and plagiarism.

OUTREACH
(408) 741-2672
https://www.westvalley.edu/admissions/outreach/

The Outreach team at West Valley College serves prospective students and existing students by introducing them to information and resources that will help improve their college experience and help eliminate obstacles to educational opportunity. We share information on college planning, admission requirements, degree and certificate programs, guaranteed transfer programs, financial aid, campus life, student services, and much more. Campus tours and high school visits are arranged through the Outreach Office.

Learning Outcomes
After participating in outreach services and/or activities, a prospective student will be able to:

• Demonstrate knowledge about the California systems of higher education and independent colleges and universities, including admissions requirements, transfer agreements, costs, scholarships and financial aid, and student support services;
• Demonstrate knowledge about the community college system and determine which community college meets his or her academic goal;
• Identify the benefits of higher education and evaluate the appropriateness of each educational option.

PARKING REGULATIONS
(408) 855-5435
https://www.westvalley.edu/parking/

A valid student or staff parking permit is required to park on campus. Student and Staff parking permit requirements are enforced seven (7) days a week between 7:00am and 10:00pm. Parking areas specifically marked for disabled parking, red zones, loading zones, time zones and other restricted areas are enforced everyday, 24-hours a day. Overnight parking is prohibited without prior authorization from the District Police Department. Vehicles left overnight without authorization from the District Police may be towed at owner’s expense.

Semester-length student parking permits may be purchased at the Admissions and Records Office or online at westvalley.edu from any computer. Please have the vehicle make, model, color and license plate number available when you place your order.

Daily permits may be purchased at any of the daily permit dispensers located in each of the student parking lots. All daily permit dispensers will accept $1.00 bills, quarters, dimes and nickels.

To be valid, all parking permits must be properly displayed on the inside lower left corner (drivers side) of the front dashboard. To be properly displayed the permit number and expiration date must be clearly visible from the outside of the vehicle. Improper or non-display of a permit will result in a parking citation.

Purchase and/or possession of a permit does not authorize parking on campus. It is the responsibility of the driver to properly park the vehicle and display a valid and authorized permit. Vehicles with car covers are no exception. Failure to properly display a permit will result in a citation. Visitor parking (30 minute limit) is available, free of charge, in designated spaces in parking lot 5.

Motorcycles/motorscooters are prohibited from parking in spaces designated for four-wheel vehicles. Designated motorcycle parking is available in parking lots 2, 5, 7. No parking permit is required for motorcycles parking in designated motorcycle parking areas.

Disabled parking-All drivers who are disabled (as defined in the California Vehicle Code Section 295.5) and use a designated disabled parking stall must display a valid placard or specialized license plates issued by the California Department of Motor Vehicles. Failure to display a valid placard or plate will result in a citation and fine of $280.

Special parking and loading-Students or Staff members who have special parking or loading needs must contact the District Police in advance. Business cards or notes left on the vehicle are not acceptable and a citation will result. No warnings are issued.

This parking information was accurate at the time of publication. However, due to changes in legislation, procedure, or policy, these regulations or procedures are subject to change without written notice. This is a summary of District Parking Policies. Detailed information is available at the Police Business Office or online at: https://wvm.edu/services/police/parkingtraffic/Pages/default.aspx

PUENTE PROJECT
https://www.westvalley.edu/learning-communities/puente/

The Puente Project is a year-long program that prepares students to compete academically in a university environment. It emphasizes the Latinx experience through English writing, counseling, and mentoring components. The Puente Program integrates:

• Two semester English 1A and 1B classes.
• Two semester Counseling classes.
Student Services and Learning Resources

• Individual academic, personal, and career counseling.
• Transfer information, university tours, student motivational and transfer conferences, and assistance with the transfer process.
• Personal mentor relationships with community professionals.

Learning Outcomes

Through participation in the Puente Project, a student will:

• Develop a Student Educational Plan with the goal to transfer to a four year college or university.

Working together as a Puente team, an English instructor and a college counselor join with students to establish a foundation for the students' academic and professional success.

The program starts in the fall semester and runs through spring semester. This program is open to all students who are planning to transfer, are enthusiastic and committed to learning about Latinx experiences, and would like to participate in monthly program events (meetings, trips, tours, and work site visits).

For additional information and/or to join Puente, please contact Joe Bucher at joe.bucher@westvalley.edu.

Follow us on Instagram: @wvcpuente

SAFETY SERVICES AND ASSISTANCE

(408) 741-2092
https://wvm.edu/services/police/Pages/default.aspx

The District Police will provide you with assistance and investigate thefts, assaults, harassment, or other crimes. Printed information on crime prevention, substance abuse, and personal safety are available to you at no charge.

Safety escort services are available at both campuses at no charge by calling the District Police Business Office at (408) 741-2092.

STUDENT DEVELOPMENT AND CAMPUS CENTER

(408) 741-2006

Campus Center

The Campus Center serves as the hub for student engagement and the “living room” of the campus. The Campus Center is a place for students, faculty, and staff to build community, engage in co-curricular opportunities, and utilize services such as campus dining and the Viking Bookstore.

Office for Student Development

The Office for Student Development & Campus Center is dedicated to fostering a vibrant and engaging campus community. Student Development promotes a student-directed environment, whereby students are trained with the knowledge, skills, and self-agency to lead their peers in creating positive changes on campus. Students can develop their leadership skills through several organizations, including the Associated Student Government, Campus Activities Board, student organizations, and the Information Desk.

Learning Outcomes

Student Development and Campus Center specifically promotes learning among student leaders, in order to engage students and enhance student life on campus. As a result of their active engagement with Student Development, student leaders will be able to:

• Assess an issue or problem and enact a strategic plan to address it.
• Appropriately challenge unfair or unjust behavior and advocate for equity and inclusiveness.
• Develop strong interpersonal relationships and build cohesive teams.

STUDENT NEEDS

(408) 741-4081
https://www.westvalley.edu/services/student-needs/

The Office of Student Needs provides support for current and former foster youth, wards of the court, unaccompanied homeless youth, undocumented students, and students facing food and housing insecurity. Students who would like to learn more about the various services below, should contact Director of Student Needs Samantha Hernandez. Or visit the office located in Campus Center 302.

• Food resources
• Housing resources
• Emergency Funds

STUDENT SERVICES AND LEARNING RESOURCES

West Valley College recognizes the diverse educational needs within the communities served by the District. This philosophy recognizes the worth and dignity of each student and the District's responsibility, within the scope of its resources, to assist its students in developing into responsible, self-sufficient citizens. To foster and encourage this student development, West Valley College offers comprehensive programs of advising, counseling and special services.

SUCCESS CENTER

(408) 741-2038
https://www.westvalley.edu/services/success-center/

The Success Center promotes life-long learning by providing tutorial support, engaging in facilitative learning techniques, assisting students with time management and planning, demonstrating effective studying strategies, providing stress management tools, and helping students set academic and personal goals. All currently enrolled West Valley Students are eligible for FREE support by trained, qualified peer tutors in a wide variety of subjects. Most tutoring is offered on a drop-in basis, though some individual and group appointments can be made. The Center also offers study group facilitation, exam review sessions, use of specialized software on in-house computers, and tailored strategies for a diverse range of learners. Opportunities for paid tutor positions are open on an ongoing basis for qualified applicants; check our website or visit the Center for more information.

Learning Outcomes

After accessing and using the Success Center, a student will be able to:
Demonstrate knowledge of campus support services;
Understand and identify effective time-management and study skills;
Identify their preferred learning modes and employ them in order to comprehend course materials.

After accessing and using the Success Center, facilitated study groups will be able to:
Identify and understand effective group study strategies;
Empower each other to learn difficult course concepts and problem-solve together to achieve course goals;
Employ and utilize these techniques, whether in the Center or on their own.

After being employed by and working in the Success Center, peer tutors will be able to:
Understand and follow legal guidelines for peer support (e.g. FERPA) and professionalism in the workplace;
Demonstrate knowledge of effective study strategies, time management skills, facilitated learning techniques, and the various types of learners we encounter;
Facilitate group and individual learning of course concepts through differentiated strategies that address a wide variety of learners;
Demonstrate interpersonal skills, including but not limited to effective verbal and non-verbal communication skills and emotional intelligence.

TRIO STUDENT SUPPORT SERVICES
(408) 741-2022
https://www.westvalley.edu/services/trio/

The West Valley TRiO Program is a federally funded program, focused on increasing the graduation and transfer rates for low-income, first generation and/or disabled students by providing support and resources to assist students in attaining their academic and career goals.

Services provided include:
- Grant Aid
- Personal, career and academic counseling
- Priority registration
- Additional tutoring services
- Financial aid and Scholarship assistance
- College visits
- Workshops on transfer, career, and financial literacy

Learning Outcomes
After participating in the TRiO program for two semesters:
- Students will develop a complete educational plan with either certificate, AA/AS and or transfer requirements;
- Students will report an improvement of their knowledge of transfer information;
- Students will report an improvement in their knowledge of financial literacy.

TRANSFER CENTER
(408) 741-2040
https://www.westvalley.edu/services/transfer/
The Transfer and Career Center is located in the Student Services Center. The Transfer Center’s mission is to meet the needs of students preparing to transfer to a bachelor’s degree program by providing accurate, up-to-date information, resources, activities and services that support the transfer process.

Learning Outcomes
Through participation in Transfer Center activities, students will be able to:
- Identify appropriate 4-year colleges/universities that can help them meet their transfer goals;
- Access and complete all steps of the admission process to transfer to a 4-year college/university.

Transfer Center Resources
- Free UC and CSU application workshops;
- Access to online tools that outline the courses and requirements necessary to transfer;
- Information regarding TAGs (Transfer Admission Guarantees) to the University of California campuses;
- Handouts that outline the UC & CSU GE requirements;
- An annual Transfer Day that hosts over 40 college and university representatives (every fall semester);
- Campus visits from four-year universities (including individual appointments with university representatives);
- Counseling available.

Career Center Resources
The Center hosts a career resource library which includes a collection of books, articles, catalogs, and computer-based materials to assist students in exploring career options. The Center also subscribes to EUREKA, a computerized up-to-date library of occupational and educational information.

UMOJA COMMUNITY
(408) 741-2608
https://www.westvalley.edu/learning-communities/umoja

UMOJA is a counseling, instruction and mentoring program that emphasizes the African American experience and builds community among students. The program focuses on implementing West Valley Colleges’ Strategic Goals. For additional information and/or to join the UMOJA program, please contact Philip Severe at (408) 741-2493 or philip.severe@westvalley.edu or Lenore Harris at (408)741-2586, lenore.harris@westvalley.edu

The UMOJA Program:
- Offers linked English 905 and 1A courses, Counseling 5 and 12C.
- Encourages enrollment in History 12, English 12 and Counseling 50.
- Provides students with college, peer and community mentors.
- Connects students with support services on campus and with transfer institutions.
Student Services and Learning Resources

- Provides cultural events, social outings and visits to transfer institutions.

Learning Outcomes
After participation in courses and activities in the UMOJA Program, a student will be able to:
- Develop a Student Educational Plan with the goal of an associate degree, certificate and/or to transfer to a four year college or university

VETERANS RESOURCE CENTER
Welcome Desk: (408) 741-2158
https://www.westvalley.edu/services/veterans/

West Valley’s Veterans Resource Center (VRC) is staffed by the Veterans Specialist, Academic Counselor and Peer-Mentors who are dedicated to creating a supportive learning environment where all military connected students thrive through academic success and personal enrichment. The VRC provides a communal space for veterans to study, socialize, connect with peers and access resources to enhance their college experience.

The VRC Team is here to help you access:
- Academic counseling and tutoring resources
- Veterans educational and health benefits information
- Financial aid information and application assistance
- Specialized presentations and workshops
- Connection to on-campus wellness professionals
- Community resources and referrals

Program Services
- Study lounge with computers, free printing, coffee and snacks
- School supplies, textbooks and technology loans
- Personalized academic support and specialized tutoring
- Vet-to Vet peer mentoring and study groups
- VA Work-Study student employment opportunities

WEST VALLEY ROOTS (COMING SOON)
Students can visit our NEW on campus food pantry located in the Campus Center (CC 313) Across from the Veterans Center. Please, visit Student Needs for latest updates and hours of operation.
ACADEMIC PROGRAMS

Associate Degree, Certificate, and Selected Transfer Programs Chart (335 KB PDF)

Academic Program Opportunities

An academic program is a collection or series of courses that lead to a degree, certificate, or transfer to another institution of higher education. West Valley College provides academic programs that assist students in fulfilling appropriate requirements for students to meet their transfer or career goals. West Valley College offers two curricular programs for students: (1) transfer programs for senior colleges and universities and (2) Associate Degree programs. West Valley College also offers career programs that prepare students for employment.

Career programs offer two options: (1) associate degrees and (2) certificates. AA/AS major degree and certificate requirements are listed in the "Associate Degree, Certificate, and Selected Transfer Programs" section in this catalog.

The following information is general in nature. Students interested in transferring to a university are advised to consult a counselor and/or the Transfer Center and the catalog of the Institution to which they intend to apply. West Valley College provides extensive coursework for transfer to UC's, CSU's and private colleges and universities throughout the United States.

Associate Degrees Opportunities

The associate degree may be sought as either a final educational goal or a major step toward a baccalaureate degree elsewhere. West Valley College currently offers the following associate degrees:

- Associate in Arts (A.A.)
- Associate in Science (A.S.)
- Associate in Arts for Transfer (AA-T)
- Associate in Science for Transfer (AS-T)
- Associate in Science for UC Transfer (UCTP)

Associate in Arts and Science Requirements

Students whose goal is to complete an A.A. or A.S. degree must satisfy the following requirements:

- Completion of a major program requirements as specified by the department.
- Completion of West Valley College (local), CSU-Breadth (CSU-B), or Intersegmental General Education Transfer Curriculum (IGETC) general education pattern.
- A minimum of 60 semester units of degree applicable courses.
- Earn a cumulative grade point average of at least 2.0, including a grade of C or higher in each course taken towards the Major Requirement.
- Complete a minimum of 12 semester units in residence at West Valley College.
- Demonstrate the Graduation Proficiency Requirements in reading, writing, and mathematics.
  - Reading and Writing – English 001A
  - Math 104, 106, 106R, or higher with a grade of “C” or better; or completion of two semesters of high school Algebra 2, Integrated Math 3, Common Core Math 3, or higher with a grade of “C” or better in both semesters

Associate Degree for Transfer

Students whose goal is to complete an Associate Degree for Transfer (ADT), either an AA-T or AS-T, earn a guaranteed admission to a California State University (CSU) campus with junior standing. Students must complete a minimum of 18 semester or 27 quarter units in a major or area of emphasis and an approved set of general-education requirements (CSU GE-Breadth or IGETC). CSU transferable elective units may be needed for students to obtain the minimum of 60 units required for the degree. Additional information can be found in the Transfer section of the catalog.

Associate Degrees for UC Transfer

Students whose goal is to complete a University of California Transfer Pathway (UCTP) Associate's Degree, must meet or exceed the campus-based GPA, earn guaranteed admission to a University of California campus with junior standing. Student must complete all major requirements and the IGETC general education pattern. UC transferable elective units may be needed for students to obtain the minimum of 60 units required for the degree. Additional information can be found in the Transfer section of the catalog.

Earning Additional Associate Degrees

A student who has already earned an Associate Degree from West Valley College or Mission College may apply for additional Associate Degrees once all requirements for the second major (minimum of 18 units, per Title 5 55063) have been complete.

- Continuing students, the general education and major requirements for the second degree are those listed in the College catalog for the academic year in which the student first takes courses for the first degree or any subsequent catalog thereafter.
- Returning students, the requirements are those listed in the College catalog for the year in which the student returns or any subsequent catalog thereafter.

Double Major

Multiple majors may be earned at the same time provided that the following provisions are met:

1. Completion all requirements for the second major. Where the two majors include the same core and elective requirements, the courses may be double-counted for both majors.
2. Completion of General Education and Competency Requirements.
3. Completion of 12 units in residence at West Valley College.

Certificate Programs

Credit Certificates

A Certificate of Achievement is a sequence of courses consisting of 8 or more units of degree-applicable coursework and are approved by the State Chancellor's Office. Students who successfully petition for a Certificate of Achievement will have the name of the certificate appear on their transcript. 20% of the required
course work for the certificate must be completed in residence at West Valley College. Students must pass all letter-graded certificate-applicable courses with a C or better and all P/NP certificate applicable courses with a P. Credit that students earn in a certificate curriculum may also be used toward satisfaction of the requirements for graduation from the College with an associate degree. Certificate programs do not have general education requirements.

Noncredit Certificates
West Valley College offers two types of noncredit certificates, Certificate of Completion and Certificate of Competency, which prepare students for entrylevel employment or further study. A Certificate of Completion is a sequence of courses designed to prepare students to progress in a career path or to undertake degree-applicable or non-degree applicable credit courses. A Certificate of Competency is a sequence of courses preparing students to demonstrate achievement in a set of competencies that prepares the student to progress in a career path or to undertake degree-applicable or non-degree applicable credit courses. Students must pass all letter-graded certificate-applicable courses with a C or better and all P/NP certificate applicable courses with a P. Noncredit certificate programs do not have general education requirements.

Catalog Rights for Degree or Certificate Consideration
Students who maintain continuous enrollment, meaning they attended at least one semester or intersession (summer/winter) during the academic year, may choose to graduate under the catalog in effect at the time they first enrolled at West Valley College or any catalog up to the time of graduation. Students who are considered returning students, meaning those who did not attend for a year or more before returning to college, must follow the catalog requirements in effect at the time of re-enrollment. Documented military, not exceeding two years, will not be considered an interruption of continuous enrollment. For the purpose of catalog rights, the academic year begins each fall and ends with the subsequent summer session.

Associate Degree Reciprocity
The West Valley-Mission Community College District has entered into a mutual agreement with seven other community colleges to accept the General Education of these colleges as completed.

The participating colleges are West Valley College (Saratoga), Gavilan College (Gilroy), San Jose City College (San Jose), Evergreen Valley College (San Jose), De Anza College (Cupertino), Foothill College (Los Altos Hills), Chabot College (Hayward) and Las Positas College (Livermore), Ohlone College (Fremont). Students who obtain a “certification of completion of Associate Degree General Education” or complete an Associate Degree at any one of the participating colleges will have both their General Education course work and graduation proficiencies accepted as completed at any of the participating campuses. No additional course work will be required if the certification is officially presented. Students will still be required to complete all courses or prerequisites needed for a major. The agreement also means that the other colleges will accept the General Education pattern of West Valley College if a certification is presented to the member colleges. The agreement will be reviewed periodically.

The process for obtaining a certification of West Valley General Education is as follows:
1. The student presents a request for “certification of completion of General Education Reciprocity” to the West Valley College Records Office by the published deadline each semester. Forms can be obtained in Admissions.
2. If transcripts are to be used from other colleges, official copies must be on file with the Records Office.
3. A copy of the certification will be given to the student.
4. West Valley College will honor the certification presented from the participating colleges only if it is transmitted in the same manner as an official transcript. Student copies will not be honored.

Please note that only the community colleges listed above participate in the agreement.

PROGRAM GUIDED PATHWAYS: ASSOCIATE DEGREE, CERTIFICATE, AND SELECTED TRANSFER PROGRAMS

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree for Transfer</th>
<th>Associate Degree</th>
<th>Certificate</th>
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<tbody>
<tr>
<td>Apparel Design</td>
<td>AS</td>
<td></td>
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<tr>
<td>Apparel Design: Level 1 and 2</td>
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<td>X</td>
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</tr>
<tr>
<td>Apparel Production</td>
<td>AS</td>
<td>X</td>
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</tr>
<tr>
<td>Architecture</td>
<td>AS</td>
<td>X</td>
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<tr>
<td>Art History</td>
<td>AA-T</td>
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<tr>
<td>Commercial Music Production</td>
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<td>X</td>
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</tr>
<tr>
<td>Computer Aided Drafting &amp; Design</td>
<td></td>
<td>X</td>
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<tr>
<td>Creating Music for Film, TV &amp; Gaming</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Dance Specialist</td>
<td></td>
<td>X</td>
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</tr>
<tr>
<td>Film, Television &amp; Electronic Media</td>
<td>AS-T</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Film Studies</td>
<td>AA</td>
<td></td>
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<tr>
<td>Graphic Design</td>
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<td>X</td>
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</tr>
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<td>Interior Design Fundamentals</td>
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<td>X</td>
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<td>Interior Design Professional</td>
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<td></td>
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<tr>
<td>Landscape Architecture</td>
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### Academic Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree for Transfer</th>
<th>Associate Degree</th>
<th>Certificate</th>
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<tbody>
<tr>
<td>Liberal Arts: Arts &amp; Humanities</td>
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<td>AA</td>
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</tr>
<tr>
<td>Music</td>
<td>AA-T</td>
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<td>Music - Professional</td>
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<td>AA</td>
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</tr>
<tr>
<td>Musical Theater: Music or Theater Focus</td>
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<td></td>
<td>X</td>
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<tr>
<td>Portfolio Development in Studio Arts</td>
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<tr>
<td>Studio Arts</td>
<td>AA-T</td>
<td></td>
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<tr>
<td>Technical Theater Stage Technology</td>
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<td></td>
<td>X</td>
</tr>
<tr>
<td>Theater Arts</td>
<td>AA-T</td>
<td></td>
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<tr>
<td>Theater Arts: Stage Technology</td>
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<td></td>
<td>X</td>
</tr>
<tr>
<td>Theatre Arts: Acting</td>
<td></td>
<td>AA</td>
<td></td>
</tr>
<tr>
<td>Transfer Studies CSU GE-B or IGETC</td>
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<td>X</td>
<td></td>
</tr>
<tr>
<td>UX and App Design</td>
<td></td>
<td>AA</td>
<td>X</td>
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#### Business and Professional Studies

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree for Transfer</th>
<th>Associate Degree</th>
<th>Certificate</th>
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</thead>
<tbody>
<tr>
<td>Accounting Clerk</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Administration of Justice</td>
<td>AS-T</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administration of Justice: Law Enforcement</td>
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<td>AS</td>
<td></td>
</tr>
<tr>
<td>Bookkeeping Certification</td>
<td></td>
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<td>X</td>
</tr>
<tr>
<td>Business Administration</td>
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<td>AS</td>
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</tr>
<tr>
<td>Business Administration 2.0</td>
<td>AS-T</td>
<td></td>
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</tr>
<tr>
<td>Child &amp; Adolescent Development</td>
<td>AA-T</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Communication, Digital Skills &amp; Leadership for the Workplace</td>
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<tr>
<td>Court Reporting</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>AS-T</td>
<td>AS</td>
<td></td>
</tr>
<tr>
<td>Early Childhood Program Director</td>
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<td></td>
<td>X</td>
</tr>
<tr>
<td>Early Childhood Teacher Level 1 &amp; 2</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Economics</td>
<td>AA-T</td>
<td>AA</td>
<td></td>
</tr>
<tr>
<td>Educational Captioning</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Elementary Teacher Education</td>
<td>AA-T</td>
<td></td>
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<tr>
<td>ESL: Careers in Early Childhood Education</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ESL: Careers in Healthcare</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Facility Maintenance Technician</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Geospatial Technology</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Inclusion Teacher Assistant</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Law, Public Policy and Society</td>
<td>AA-T</td>
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<tr>
<td>Microsoft Office Basics</td>
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### Academic Programs

<table>
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<th>Program</th>
<th>Degree for Transfer</th>
<th>Associate Degree</th>
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<tbody>
<tr>
<td>Paralegal</td>
<td>AS</td>
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<td>X</td>
</tr>
<tr>
<td>Park Management</td>
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<td>X</td>
</tr>
<tr>
<td>Proofreading</td>
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</tr>
<tr>
<td>Regenerative Agriculture</td>
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<td>X</td>
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<tr>
<td>Scoping</td>
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<td>X</td>
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<tr>
<td>Small Business Essentials</td>
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<tr>
<td>Transcription and Office Support:</td>
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<tr>
<td>Machine or Voice Writing</td>
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<tr>
<td>Transfer Studies CSU GE-B or IGETC</td>
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<td></td>
<td>X</td>
</tr>
<tr>
<td>Unmanned Aircraft System Technology</td>
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<td></td>
<td>X</td>
</tr>
<tr>
<td>Unmanned Aircraft Technology</td>
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### Health and Human Development

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree for Transfer</th>
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</thead>
<tbody>
<tr>
<td>Certified Personal Trainer</td>
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</tr>
<tr>
<td>Clinical Assistant</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ESL: Careers in Healthcare</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Insurance Billing Specialist</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Kinesiology</td>
<td>AA-T</td>
<td>AA</td>
<td></td>
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<tr>
<td>Medical Administrative Assistant</td>
<td></td>
<td></td>
<td>X</td>
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<tr>
<td>Medical Assistant</td>
<td>AS</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Nutrition and Dietetics</td>
<td>AS-T</td>
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<tr>
<td>Orthopedic Technician</td>
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<tr>
<td>Pilates Instructor</td>
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<tr>
<td>Public Health Science</td>
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<tr>
<td>Spanish for Medical Professionals</td>
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<td></td>
<td>X</td>
</tr>
<tr>
<td>Transfer Studies CSU GE-B or IGETC</td>
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### Language Arts

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree for Transfer</th>
<th>Associate Degree</th>
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<tbody>
<tr>
<td>Communication, Digital Skills &amp;</td>
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</tr>
<tr>
<td>Leadership for the Workplace</td>
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</tr>
<tr>
<td>Communication Studies</td>
<td>AA-T</td>
<td>AA</td>
<td></td>
</tr>
<tr>
<td>English</td>
<td>AA-T</td>
<td>AA</td>
<td></td>
</tr>
<tr>
<td>ESL: Careers in Early Childhood</td>
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<td>X</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>ESL: Careers in Healthcare</td>
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<tr>
<td>French</td>
<td>AA</td>
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</tr>
<tr>
<td>Italian</td>
<td>AA</td>
<td></td>
<td></td>
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<tr>
<td>Liberal Arts: Communication &amp; Media</td>
<td></td>
<td>AA</td>
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</tbody>
</table>
### Academic Programs

#### Professional & Workplace Communication
- **Degree for Transfer**: AA-T
- **Associate Degree**: AA

#### Spanish
- **Degree for Transfer**: AA-T
- **Associate Degree**: AA

#### Spanish for Medical Professionals
- **Degree for Transfer**: AA-T
- **Associate Degree**: AA

#### Transfer Studies CSU GE-B or IGETC
- **Degree for Transfer**: AA-T
- **Associate Degree**: AA

#### Women, Gender & Queer Studies
- **Degree for Transfer**: AA

#### Science, Technology, Engineering, and Math

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<th>Program</th>
<th>Degree for Transfer</th>
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<th>Certificate</th>
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<tbody>
<tr>
<td>Biological Sciences</td>
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<td>Biology</td>
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<td>Biotech Lab Technician</td>
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<td>Chemistry</td>
<td>AS-UCTP</td>
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<tr>
<td>Computer Science</td>
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<tr>
<td>Ecology, Biodiversity &amp; Conservation</td>
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<tr>
<td>Engineering</td>
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<td>AS</td>
<td></td>
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<tr>
<td>Geology</td>
<td>AS-T</td>
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<tr>
<td>Geospatial Technology</td>
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<tr>
<td>Liberal Arts: Science &amp; Math</td>
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<tr>
<td>Mathematics</td>
<td>AS-T</td>
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<td>Physics</td>
<td>AS-T, AS-UCTP</td>
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<tr>
<td>Physics, Applied Physics, Geophysics</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Public Health Science</td>
<td>AS-T</td>
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</tr>
<tr>
<td>Transfer Studies CSU GE-B or IGETC</td>
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<tr>
<td>Unmanned Aircraft System Technology</td>
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<td>Unmanned Aircraft Technology</td>
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#### Social Science

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree for Transfer</th>
<th>Associate Degree</th>
<th>Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology</td>
<td>AA-T</td>
<td>AA</td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td>AA-T</td>
<td>AA</td>
<td></td>
</tr>
<tr>
<td>Geography</td>
<td>AA-T</td>
<td>AA</td>
<td></td>
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<tr>
<td>History</td>
<td>AA-T</td>
<td>AA</td>
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<tr>
<td>Law, Public Policy and Society</td>
<td>AA-T</td>
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<td></td>
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<tr>
<td>Liberal Arts: Cultural &amp; Global Studies</td>
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<td>AA</td>
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</tr>
<tr>
<td>Liberal Arts: Social &amp; Behavioral Studies</td>
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<td>AA</td>
<td></td>
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<tr>
<td>Philosophy</td>
<td>AA-T</td>
<td>AA</td>
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<tr>
<td>Political Science</td>
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### Academic Programs

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<th>Certificate</th>
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<tbody>
<tr>
<td>Psychology</td>
<td>AA-T</td>
<td>AA</td>
<td></td>
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<tr>
<td>Social Justice Studies: General Studies</td>
<td>AA-T</td>
<td>AA</td>
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<tr>
<td>Sociology</td>
<td>AA-T</td>
<td>AA</td>
<td>X</td>
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<tr>
<td>Transfer Studies CSU GE-B or IGETC</td>
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<td>Women, Gender &amp; Queer Studies</td>
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<td>AA</td>
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### Continuing Education

<table>
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<th>Degree for Transfer</th>
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<th>Certificate</th>
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<tbody>
<tr>
<td>Bookkeeping Certification</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Communication, Digital Skills &amp; Leadership for the Workplace</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Court Reporting</td>
<td></td>
<td></td>
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<tr>
<td>Educational Captioning</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ESL: Careers in Early Childhood Education</td>
<td></td>
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<td>X</td>
</tr>
<tr>
<td>ESL: Careers in Healthcare</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Facility Maintenance Technician</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Microsoft Office Basics</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Proofreading</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Scoping</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Spanish for Medical Professionals</td>
<td></td>
<td></td>
<td>X</td>
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<tr>
<td>Technical Theater Stage Technology</td>
<td></td>
<td></td>
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<tr>
<td>Transcription and Office Support: Machine or Voice Writing</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

### SUBSTITUTION

#### Waiver of Graduation Requirements

West Valley College recognizes that a disability may preclude a student from demonstrating required math, reading, and writing competencies or from completing course requirements necessary for an AA or AS degree in the same manner in which nondisabled students are expected. The college also recognizes the need to accommodate students with documented disabilities to the greatest extent possible without compromising a disabled student's course of study and without compromising the integrity of any student's degree. For these students, a course substitution will be individually considered under the conditions described in local procedures. Only in the most extreme cases will a course waiver be considered. All policies and procedures that apply to approval of course substitutions or waivers also apply to proficiency requirements. Contact DESP at https://www.westvalley.edu/services/desp/ for further information.

#### Transfer of Coursework to West Valley College

Students may substitute coursework completed at other institutions to fulfill program requirements for the Associate Degree or certificate programs at West Valley College. A substitution can be requested to meet the following requirements:

- Specific program requirements for a certificate or major
- General education requirements
- Elective units required for completing associate degrees

For all associate degrees, the unit requirement must be met with courses from West Valley College or other regionally accredited colleges or universities. Students are subject to the residence requirement for the Associate Degree, regardless of the number of units transferred into the college. Note that both the units and the actual grades received from the other college or university will be accepted by West Valley College.

The Office of Admissions & Records will approve the transfer of units that will be applied toward electives for graduation after students submit an official transcript.

Admissions & Records will approve equivalencies for specific program or general education requirements when a course that is transferred to West Valley College and is clearly equivalent to a WVC course. This equivalency is determined through the use of assist.org or C-ID articulation, reviewing course outlines, or according to past Department approval and practices.

A department chair may also elect to substitute an appropriate comparable course for one required for a major or certificate offered by that department. Student inquiries with either a specific department or with Admissions and Records should occur as soon as possible after enrolling in courses at West Valley College to ensure timely completion of education goals and graduation. Students are advised to submit all transcripts for evaluation no later than the semester prior to filling out a certificate or graduation petition in order to allow the necessary time for evaluation.
Substitution Process

To complete a substitution request, students must complete the following steps:

1. Send official transcripts to West Valley College Counseling department
2. Complete the evaluation request form on the Admissions & Records website
3. Complete the substitution request form with a counselor

Once the substitution form is completed, it is then forwarded to either the department chair (for Associate Degrees/Certificates) or articulation officer (for Associate Degrees for Transfer/Associate Degree for UC Transfer Pathways) for review. Students will be notified if a substitution is approved or denied.

Substitution Implications

Completing an evaluation of external transcripts will involve reviewing and including all external coursework to the student's West Valley College transcript. The inclusion of these records may impact total units attempted/completed as well as affecting the student's Grade Point Average. Completion of this evaluation is permanent and cannot be undone.

The Office of Admissions & Records will approve the amount of units that will be applied toward electives for graduation after students submit an official transcript. Approved units will be noted on the student's unofficial and official transcript.

A department chair may also elect to substitute an appropriate comparable course for one required for a major or certificate offered by that department. Student inquiries with either a specific department or with Admissions and Records should occur as soon as possible after enrolling in courses at West Valley College to ensure timely completion of education goals and graduation. Students are advised to submit all transcripts for evaluation no later than the semester prior to filling out a certificate or graduation petition in order to allow the necessary time for evaluation.
Online courses provide access to higher education using technology to connect students with instructors, support staff, and counselors. Online learning can reduce travel time and costs while helping meet the demands of busy personal and professional schedules. Students access West Valley College Online course content using Canvas, a web-based course management system that includes assignments, quizzes, discussions, video conferencing and email, to meet the needs of various learning styles and provide regular opportunities for students to engage with instructors and peers. Many online courses fulfill general education and transfer requirements for public and private colleges and universities. The integration of support services and instruction enables West Valley College Online to deliver rigorous education online. Additional information can be found at the West Valley College Online website at https://www.westvalley.edu/distance-education/.

Out of State Disclaimer

The United States Department of Education requires that West Valley College verify each student’s state of residency prior to enrollment in an online course. Therefore, out-of-state students not residing in California will not be allowed to enroll in online courses. Active military personnel are exempt.
GENERAL EDUCATION

COLLEGE CREDIT FOR ADVANCED PLACEMENT (AP) TESTS

West Valley College will grant college credit toward an AA/AS degree to students who earn scores of 3, 4, or 5 on advanced placement examinations given by the College Entrance Examination Board (CEEB). To receive credit, students must send an official copy of the AP results to West Valley for evaluation. The units earned from AP credit cannot be used to satisfy the 12-unit residency requirement.

The list below shows how Advanced Placement credit is awarded at West Valley College. Also included are how AP subject exams are used for both the CSU general education pattern and IGETC. UC and CSU limitations may apply. Be aware that transfer or credit (UC and CSU) based on AP Exams may differ from the units allowed for transfer general education. Also a maximum of one course per AP exam can be cleared when used on the IGETC pattern.

<table>
<thead>
<tr>
<th>Exam</th>
<th>WVC AA/AS GE Subject Credit</th>
<th>WVC GE</th>
<th>WVC Units Earned toward AA</th>
<th>CSU GE</th>
<th>CSU - Units Earned toward Transfer</th>
<th>IGETC</th>
<th>UC - Units Earned toward Transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>ARTS 001A and 001B (6 units)</td>
<td>Humanities - 3 semester units</td>
<td>6 semester units</td>
<td>Area C1 or C2</td>
<td>3 semester units</td>
<td>Area 3A or 3B</td>
<td>3 semester units</td>
</tr>
<tr>
<td>Biology</td>
<td>BIOL 010 (4 units)</td>
<td>Natural Sciences - 4 semester units</td>
<td>6 semester units</td>
<td>Area B2 and B3</td>
<td>4 semester units</td>
<td>Area 5B and 5C</td>
<td>4 semester units</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>MATH 003A (5 units)</td>
<td>Language and Rationality - 3 semester units</td>
<td>3 semester units</td>
<td>Area B4</td>
<td>3 semester units</td>
<td>Area 2A</td>
<td>3 semester units</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>MATH 003A (score of 3) 5 units MATH 003A + 003B (score of 4 or 5) 10 units</td>
<td>Language and Rationality - 3 semester units</td>
<td>6 semester units</td>
<td>Area B4</td>
<td>3 semester units</td>
<td>Area 2A</td>
<td>3 semester units</td>
</tr>
<tr>
<td>Calculus BC/AB Subscore</td>
<td>MATH 003A (score of 3) 5 units MATH 003A + 003B (score of 4 or 5) 10 units</td>
<td>Language and Rationality - 3 semester units</td>
<td>3 semester units</td>
<td>Area B4</td>
<td>3 semester units</td>
<td>Area 2A</td>
<td>3 semester units</td>
</tr>
</tbody>
</table>

AP CALCULUS EXAM LIMITATIONS

^ Maximum of one exam, per subject, can be used for credit

*Only one exam may be used toward transfer

**Maximum credit 5.3 semester units for both

Chemistry

<table>
<thead>
<tr>
<th>Exam</th>
<th>WVC AA/AS GE Subject Credit</th>
<th>WVC GE</th>
<th>WVC Units Earned toward AA</th>
<th>CSU GE</th>
<th>CSU - Units Earned toward Transfer</th>
<th>IGETC</th>
<th>UC - Units Earned toward Transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>CHEM 001A (5 units)</td>
<td>Natural Science - 4 semester units</td>
<td>6 semester units</td>
<td>Area B1 and B3</td>
<td>(If taken prior to Fall 2009)</td>
<td>6 semester units</td>
<td>N/A</td>
</tr>
<tr>
<td>Chinese Language &amp; Culture</td>
<td></td>
<td>Humanities - 3 semester units</td>
<td>6 semester units</td>
<td>Area C2</td>
<td>3 semester units</td>
<td>Area 3B and 6A</td>
<td>3 semester units</td>
</tr>
<tr>
<td>Comparative Government &amp; Politics</td>
<td>Area D series 1 - Social Science - 3 units</td>
<td>Social/Behavioral Sciences - 3 semester units</td>
<td>3 semester units</td>
<td>Area D</td>
<td>3 semester units</td>
<td>Area 4</td>
<td>3 semester units</td>
</tr>
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</table>

Computer Science A

<table>
<thead>
<tr>
<th>Exam</th>
<th>WVC AA/AS GE Subject Credit</th>
<th>WVC GE</th>
<th>WVC Units Earned toward AA</th>
<th>CSU GE</th>
<th>CSU - Units Earned toward Transfer</th>
<th>IGETC</th>
<th>UC - Units Earned toward Transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Science A</td>
<td>CIST 004A / 004A1 (4 units)</td>
<td>N/A</td>
<td>3 semester units</td>
<td>N/A</td>
<td>3 semester units</td>
<td>N/A</td>
<td>1.3 semester units***</td>
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</table>

Computer Science Principles (AB)

<table>
<thead>
<tr>
<th>Exam</th>
<th>WVC AA/AS GE Subject Credit</th>
<th>WVC GE</th>
<th>WVC Units Earned toward AA</th>
<th>CSU GE</th>
<th>CSU - Units Earned toward Transfer</th>
<th>IGETC</th>
<th>UC - Units Earned toward Transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Science Principles (AB)</td>
<td>CIST 004B / 004B1 (4 units)</td>
<td>N/A</td>
<td>6 semester units</td>
<td>Area B4 (starting Spring 2020)</td>
<td>3 semester units</td>
<td>N/A</td>
<td>5.3 semester units</td>
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</table>

AP CS Exam Limitations

^ Maximum of one exam, per subject, can be used for credit

**Maximum one exam toward transfer

***Students entering UC prior to Fall 2018
<table>
<thead>
<tr>
<th>Exam</th>
<th>WVC AA/AS GE Subject Credit</th>
<th>WVC GE</th>
<th>WVC Units Earned toward AA</th>
<th>CSU GE</th>
<th>CSU - Units Earned toward Transfer</th>
<th>IGETC</th>
<th>UC – Units Earned toward Transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics - Macroeconomics</td>
<td>ECON 001A (3 units)</td>
<td>Social/ Behavioral Sciences</td>
<td>3 semester units</td>
<td>Area D</td>
<td>3 semester units</td>
<td></td>
<td>N/A</td>
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<tr>
<td></td>
<td></td>
<td>3 semester units</td>
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<td>Area 4</td>
<td>3 semester units</td>
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<td>semester units</td>
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<tr>
<td>Economics - Microeconomics</td>
<td>ECON 001B (3 units)</td>
<td>Social/ Behavioral Sciences</td>
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<td>Area 4</td>
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<td>semester units</td>
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<tr>
<td>English Language &amp; Composition</td>
<td>ENGL 001A (3 units)</td>
<td>Language and Rationality</td>
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<td></td>
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<td></td>
<td>Area 1A</td>
<td>3 semester units</td>
<td>5.3</td>
<td>semester units*</td>
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<tr>
<td>English Literature &amp; Composition</td>
<td>ENGL 001A + 3 units toward</td>
<td>Language and Rationality or</td>
<td>6 semester units</td>
<td>Area A2 and</td>
<td>6 semester units</td>
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<tr>
<td></td>
<td>Area C of WVC GE</td>
<td>Humanities</td>
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<td>C2</td>
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<td>5.3</td>
<td>semester units*</td>
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<td>*5.3 semester units maximum for both exams</td>
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<td>Environmental Science</td>
<td>Area B – Natural Science</td>
<td>Natural Science</td>
<td>4 semester units</td>
<td>Area B1 and</td>
<td>4 semester units</td>
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<tr>
<td></td>
<td>3 units</td>
<td>4 semester units</td>
<td></td>
<td>B3</td>
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<td>2.6</td>
<td>semester units</td>
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<tr>
<td>European History</td>
<td>Area D series 1 – Social Science</td>
<td>3 semester units</td>
<td>6 semester units</td>
<td>Area C2 or D6</td>
<td>3 semester units</td>
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<td>3 units</td>
<td>6 semester units</td>
<td></td>
<td>Area 3B or 4F</td>
<td>3 semester units</td>
<td>5.3</td>
<td>semester units</td>
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<tr>
<td>French Language</td>
<td></td>
<td>Area C2 (if taken prior to Fall 2009)</td>
<td>6 semester units</td>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
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<tr>
<td></td>
<td></td>
<td>6 semester units</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>French Language &amp; Culture</td>
<td>FRNC 002A (5 units)</td>
<td>Humanities</td>
<td>6 semester units</td>
<td>Area C2</td>
<td>3 semester units</td>
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<tr>
<td></td>
<td></td>
<td>3 semester units</td>
<td></td>
<td>Area 3B and 6A</td>
<td>3 semester units</td>
<td>5.3</td>
<td>semester units</td>
</tr>
<tr>
<td>French Literature</td>
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<td>Area C2 (if taken prior to Fall 2009)</td>
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<tr>
<td></td>
<td></td>
<td>6 semester units</td>
<td></td>
<td>Area 3B and 6A</td>
<td>3 semester units</td>
<td>5.3</td>
<td>semester units</td>
</tr>
<tr>
<td>German Language</td>
<td></td>
<td>Humanities</td>
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<td>Area C2 (if taken prior to Fall 2011)</td>
<td>3 semester units</td>
<td></td>
<td>N/A</td>
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<tr>
<td></td>
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<td>3 semester units</td>
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<td></td>
<td></td>
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<td>N/A</td>
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<tr>
<td>German Language &amp; Culture</td>
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<td>6 semester units</td>
<td>Area C2</td>
<td>3 semester units</td>
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<tr>
<td></td>
<td></td>
<td>3 semester units</td>
<td></td>
<td>Area 3B and 6A</td>
<td>3 semester units</td>
<td>5.3</td>
<td>semester units</td>
</tr>
<tr>
<td>Human Geography</td>
<td>Area D series 1 – Social Science</td>
<td>3 units</td>
<td>3 semester units</td>
<td>Area D</td>
<td>3 semester units</td>
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<td>N/A</td>
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<td></td>
<td>3 units</td>
<td>3 semester units</td>
<td></td>
<td>Area 4E</td>
<td>3 semester units</td>
<td>2.6</td>
<td>semester units</td>
</tr>
<tr>
<td>Italian Language &amp; Culture</td>
<td>Area C – Humanities 3 units</td>
<td>Humanities</td>
<td>6 semester units</td>
<td>Area C2</td>
<td>3 semester units</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 semester units</td>
<td></td>
<td>Area 3B and 6A</td>
<td>3 semester units</td>
<td>5.3</td>
<td>semester units</td>
</tr>
<tr>
<td>Japanese Language &amp; Culture</td>
<td>Area C – Humanities 3 units</td>
<td>Humanities</td>
<td>6 semester units</td>
<td>Area C2</td>
<td>3 semester units</td>
<td></td>
<td>N/A</td>
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<tr>
<td></td>
<td></td>
<td>3 semester units</td>
<td></td>
<td>Area 3B and 6A</td>
<td>3 semester units</td>
<td>5.3</td>
<td>semester units</td>
</tr>
<tr>
<td>Exam</td>
<td>WVC AA/AS GE Subject Credit</td>
<td>WVC GE</td>
<td>WVC Units Earned toward AA</td>
<td>CSU GE</td>
<td>CSU - Units Earned toward Transfer</td>
<td>IGETC</td>
<td>UC – Units Earned toward Transfer</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-------------------------------</td>
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<td>-----------------------------</td>
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<td>------------------------------------</td>
<td>-------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>Latin Literature</td>
<td></td>
<td>Area C - Humanities 3 units</td>
<td>6 semester units</td>
<td>Area C2 (if taken prior to Fall 2009) 3 semester units</td>
<td>6 semester units</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Latin</td>
<td></td>
<td>Humanities 3 semester units</td>
<td>6 semester units</td>
<td>Area C2 3 semester units</td>
<td>Area 3B and 6A 3 semester units</td>
<td>5.3 semester units</td>
<td></td>
</tr>
<tr>
<td>Latin: Vergil</td>
<td></td>
<td>Area C2 (if taken prior to Fall 2012) 3 semester units</td>
<td>3 semester units</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music Theory</td>
<td></td>
<td>Area C - Humanities 3 units</td>
<td>6 semester units</td>
<td>Area C1 (if taken prior to Fall 2009) 3 semester units</td>
<td>6 semester units</td>
<td>N/A</td>
<td>5.3 semester units</td>
</tr>
<tr>
<td>Physics 1 (Phy B replaced by Phy 1 &amp; 2 (14-15))</td>
<td>Department approval required</td>
<td>Natural Sciences 4 semester units</td>
<td>4 semester units</td>
<td>B1 and B3 4 semester units</td>
<td>4 semester units</td>
<td>Area 5A and SC</td>
<td>5.3 semester units</td>
</tr>
<tr>
<td>Physics 2 (Phy B replaced by Phy 1 &amp; 2 (14-15))</td>
<td>Department approval required</td>
<td>Natural Sciences 4 semester units</td>
<td>4 semester units</td>
<td>B1 and B3 4 semester units</td>
<td>4 semester</td>
<td>Area 5A and SC</td>
<td>5.3 semester units</td>
</tr>
<tr>
<td>Physics B</td>
<td>PHYS 002A 5 units</td>
<td>Natural Sciences 4 semester units</td>
<td>6 semester units^</td>
<td>B1 and B3 4 semester units*</td>
<td>6 semester units*</td>
<td>Area 5A and SC</td>
<td>5.3 semester units**</td>
</tr>
<tr>
<td>Physics C - Electricity/ Magnetism</td>
<td>PHYS 004A + 004B 10 units</td>
<td>Natural Sciences 4 semester units</td>
<td>4 semester units^</td>
<td>Area B1 and B3 4 semester units*</td>
<td>4 semester units*</td>
<td>Area 5A and SC</td>
<td>2.6 semester units**</td>
</tr>
<tr>
<td>Physics C - Mechanics</td>
<td>PHYS 004A + 004B 10 units</td>
<td>Natural Sciences 4 semester units</td>
<td>4 semester units^</td>
<td>Area B1 and B3 4 semester units*</td>
<td>4 semester units*</td>
<td>Area 5A and SC</td>
<td>2.6 semester units**</td>
</tr>
<tr>
<td>AP PHYSICS EXAM LIMITATIONS:</td>
<td></td>
<td></td>
<td>^ Maximum of one exam, per subject, can be used for credit</td>
<td>*Maximum 4 semester units toward GE and 6 semester units toward transfer</td>
<td>*Maximum 4 semester units toward GE and 6 semester units toward transfer</td>
<td>**Maximum 5.3 semester units for both</td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td>PSYC 001 3 units</td>
<td>Social / Behavioral Sciences 3 semester units</td>
<td>3 semester units</td>
<td>Area D 3 semester units</td>
<td>3 semester units</td>
<td>Area 4 3 semester units</td>
<td>2.6 semester units</td>
</tr>
<tr>
<td>Seminar</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>3 semester units</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish Language</td>
<td></td>
<td>Area C2 (if taken prior to SU 2014) 6 semester units</td>
<td>6 semester units</td>
<td>Area C2 3 semester units</td>
<td>Area 3B and 6A 3 semester units</td>
<td>5.3 semester units</td>
<td></td>
</tr>
<tr>
<td>Spanish Language &amp; Culture</td>
<td>SPAN 002A 5 units</td>
<td>Humanities 3 semester units</td>
<td>6 semester units</td>
<td>Area C2 3 semester units</td>
<td>Area 2 3 semester units</td>
<td>2.6 semester units</td>
<td></td>
</tr>
<tr>
<td>Statistics</td>
<td>MATH 010 3 units</td>
<td>Language and Rationality 3 semester units</td>
<td>3 semester units</td>
<td>Area B4 3 semester units</td>
<td>3 semester units</td>
<td>Area 2 3 semester units</td>
<td>2.6 semester units</td>
</tr>
<tr>
<td>Studio Art – 2D Design</td>
<td>Department approval required</td>
<td>N/A</td>
<td>3 semester units</td>
<td>N/A</td>
<td>3 semester units</td>
<td>N/A</td>
<td>5.3 semester units**</td>
</tr>
<tr>
<td>Studio Art – 3D Design</td>
<td>Department approval required</td>
<td>N/A</td>
<td>3 semester units</td>
<td>N/A</td>
<td>3 semester units</td>
<td>N/A</td>
<td>5.3 semester units**</td>
</tr>
</tbody>
</table>
### General Education Exam

### Studio Art - Drawing
- Department approval required
- N/A
- 3 semester units
- N/A
- 3 semester units
- N/A
- 5.3 semester units**

### AP Studio Art Exam Limitations:
- *Maximum 4 semester units toward GE and 6 semester units toward transfer*
- **Maximum 5.3 semester units for all three**

### U.S. Government and Politics
- POLI 001
- Social/Behavioral Sciences
- 3 semester units
- Area D and US 2
- 3 semester units
- Area 4
- 3 semester units
- 2.6 semester units

### U.S. History
- Area D series 2 – Social Science
- Social/Behavioral Sciences or Humanities
- 6 semester units
- Area C2 or D
- 3 semester units
- Area 3B or 4
- 3 semester units
- 5.3 semester units

### World History
- Area D series 1 – Social Science
- Social/Behavioral Sciences or Humanities
- 6 semester units
- Area C2 or D
- 3 semester units
- Area 3B or 4
- 3 semester units
- 5.3 semester units

### INTERNATIONAL BACCALAUREATE EXAMS (IB)
West Valley College will grant general education credit towards graduation for some International Baccalaureate Higher Level (HL) examinations. Students must pass the examinations with a score 5, 6, or 7 to earn West Valley College credit. See table for general education credit for IB examinations to West Valley College (WVC), California State University (CSU), and University of California (UC). CSU and UC will accept certain IB exams to meet statewide general education requirements. Individual CSU or UC campuses may accept additional IB exams for credit and/or apply them towards graduation requirements. Students should check with the specific CSU or UC campus for information on how the campus applies IB exam credit.

**Column 1:** Applied to Intersegmental General Education Transfer Curriculum (IGETC) certification with a score of 5, 6, or 7.

**Column 2:** Applied to California State University General Education (CSU GE) certification with a score of 5, 6, or 7 unless otherwise noted.

**Column 3:** Applied to Associate Degree General Education area at West Valley College with a score of 5, 6, or 7 unless otherwise noted.

<table>
<thead>
<tr>
<th>IB Exam – HL Exams</th>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology HL</td>
<td>Application to IGETC Certification 3 semester units toward IGETC Area</td>
<td>With a passing score of 5 CSU GE Area B2</td>
<td>Natural Science Area B</td>
</tr>
<tr>
<td>Chemistry HL</td>
<td>IGETC Area 5A</td>
<td>With a passing score of 5 CSU GE Area B1</td>
<td>Natural Science Area B</td>
</tr>
<tr>
<td>Economics HL</td>
<td>IGETC Area 4</td>
<td>With a passing score of 5 CSU GE Area D2</td>
<td>Social Science Area D</td>
</tr>
<tr>
<td>Geography HL</td>
<td>IGETC Area 4</td>
<td>With a passing score of 5 CSU GE Area D5</td>
<td>Social Science Area D</td>
</tr>
<tr>
<td>History HL (Any region)</td>
<td>IGETC Area 3B or Area 4</td>
<td>With a passing score of 5 CSU GE Area C2 or Area D6</td>
<td>Humanities Area C or Social Sciences Area D</td>
</tr>
<tr>
<td>Language A Literature HL (Any language)</td>
<td>IGETC Area 3B and, for any language other than English, credit for Area 6A is also applied</td>
<td>With a passing score of 4 CSU GE Area C2</td>
<td>With a passing score of 4 Humanities Area C</td>
</tr>
<tr>
<td>Language A Language AND Literature HL (Any language)</td>
<td>IGETC Area 3B and, for any language other than English, credit for Area 6A is also applied</td>
<td>With a passing score of 4 CSU GE Area C2</td>
<td>With a passing score of 4 Humanities Area C</td>
</tr>
<tr>
<td>Language A1 HL (Any language)</td>
<td>IGETC Area 3B and, for any language other than English, credit for Area 6A is also applied</td>
<td>With a passing score of 4 CSU GE Area C2</td>
<td>With a passing score of 4 Humanities Area C</td>
</tr>
<tr>
<td>IB Exam – HL EXAMS</td>
<td>Column 1</td>
<td>Column 2</td>
<td>Column 3</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------</td>
<td>----------</td>
<td>----------</td>
</tr>
<tr>
<td>Language A2 HL (Any language)</td>
<td>IGETC Area 3B and, <strong>for any language other than English</strong>, credit for Area 6A is also applied</td>
<td>with a passing score of 4 CSU GE Area C2</td>
<td>With a passing score of 4 Humanities Area C</td>
</tr>
<tr>
<td>Language B HL (Any language)</td>
<td>IGETC Area 6A</td>
<td>NA</td>
<td>With a passing score of 4 Humanities Area C</td>
</tr>
<tr>
<td>Mathematics HL</td>
<td>IGETC Area 2</td>
<td>With a passing score of 4 CSU GE Area B4</td>
<td>With a passing score of 4 Language and Rationality Area A</td>
</tr>
<tr>
<td>Physics HL</td>
<td>IGETC Area 5A</td>
<td>With a passing score of 5 CSU GE Area B1</td>
<td>Natural Science Area B</td>
</tr>
<tr>
<td>Psychology HL</td>
<td>IGETC Area 4</td>
<td>With a passing score of 5 CSU GE Area D9</td>
<td>Social Science Area D</td>
</tr>
<tr>
<td>Theater HL</td>
<td>IGETC Area 3A</td>
<td>With a passing score of 4 CSU GE Area C1</td>
<td>With a passing score of 4 Humanities Area C</td>
</tr>
</tbody>
</table>

**Advising Note**

CSU and UC transfer credit can be earned with a passing score of 5, 6, or 7. However, credit cannot be duplicated with another course or exam. West Valley College will allow 3 units of elective credit per exam toward degree. Please consult with a counselor for further guidance.

**COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)**

The College Level Examination Program (CLEP) is an external credit-by-examination program that measures a student's level of comprehension of introductory college-level material for which students may earn college credit by receiving a satisfactory test score. West Valley College students can receive credit towards an AA/AS degree. Students who are planning to satisfy graduation or transfer requirements by completing the CSU General Education-Breadth certification pattern may apply credit obtained through CLEP per the California State University approved policy AS-2492-10/AA. Each campus in the CSU system determines how it will apply external examinations toward credit in the major. For students not already certified in General Education and/or American Institutions, the campus also determines how to apply credit from such exams toward the local degree requirement.

Column 1 – Applied to California State University General Education (CSU GE) certification.
Column 2 – Applied to Associate Degree General Education area West Valley College.
CLEP cannot be applied to IGETC.

<table>
<thead>
<tr>
<th>CLEP Exam</th>
<th>Column 1</th>
<th>Column 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Government</td>
<td>Application to CSU GE Certification 3 semester units toward CSU GE</td>
<td>Application to WVC Associate Degree General Education 3 semester units toward AA/AS GE</td>
</tr>
<tr>
<td>American Literature</td>
<td>with a passing score of 50 CSU GE Area D8</td>
<td>with a passing score of 50 Social Science Area D</td>
</tr>
<tr>
<td>Analyzing &amp; Interpreting Lit</td>
<td>with a passing score of 50 CSU GE Area C2</td>
<td>with a passing score of 50 Humanities Area C</td>
</tr>
<tr>
<td>Biology</td>
<td>with a passing score of 50 CSU GE Area B2</td>
<td>with a passing score of 50 Natural Science Area B</td>
</tr>
<tr>
<td>Calculus</td>
<td>with a passing score of 50 CSU GE Area B4</td>
<td>with a passing score of 50 Language and Rationality Area A</td>
</tr>
<tr>
<td>Chemistry</td>
<td>with a passing score of 50 CSU GE Area B1</td>
<td>with a passing score of 50 Natural Science Area B</td>
</tr>
<tr>
<td>College Algebra</td>
<td>with a passing score of 50 CSU GE Area B4</td>
<td>with a passing score of 50 Language and Rationality Area A</td>
</tr>
<tr>
<td>College Algebra: Trigonometry</td>
<td></td>
<td>With a passing score of 50 Language and Rationality Area A</td>
</tr>
<tr>
<td>College Math</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>English Comp (no essay)</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>English Comp (with essay)</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>English Literature</td>
<td>with a passing score of 50 CSU GE Area C2</td>
<td>with a passing score of 50 Humanities Area C</td>
</tr>
<tr>
<td>Financial Accounting</td>
<td>with a passing score of 50 credits earned 3.0</td>
<td>NA</td>
</tr>
<tr>
<td>French Level I</td>
<td>with a passing score of 50 credits earned 6.0</td>
<td>NA</td>
</tr>
<tr>
<td>French Level II</td>
<td>with a passing score of 59 CSU GE Area C2</td>
<td>with a passing score of 59 Humanities Area C</td>
</tr>
<tr>
<td>Freshman College Composition</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>
### CLEP Exam

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>German Level I</td>
<td>with a passing score of 50 credits earned 6.0</td>
</tr>
<tr>
<td>German Level II</td>
<td>with a passing score of 60 CSU GE Area C2</td>
</tr>
<tr>
<td>History, United States I</td>
<td>with a passing score of 50 CSU GE Area D6 and US#1 US History</td>
</tr>
<tr>
<td>History, United States II</td>
<td>with a passing score of 50 CSU GE Area D6 and US#1 US History</td>
</tr>
<tr>
<td>Human Growth and Development</td>
<td>with a passing score of 50 CSU GE Area E</td>
</tr>
<tr>
<td>Humanities</td>
<td>with a passing score of 50 CSU GE Area C2</td>
</tr>
<tr>
<td>Info Systems &amp; Computer Applications</td>
<td>with a passing score of 50 credits earned 3.0</td>
</tr>
<tr>
<td>Intro to Educational Psychology</td>
<td>with a passing score of 50 credits earned 3.0</td>
</tr>
<tr>
<td>Intro Business Law</td>
<td>with a passing score of 50 credits earned 3.0</td>
</tr>
<tr>
<td>Introductory Psychology</td>
<td>with a passing score of 50 CSU GE Area D9</td>
</tr>
<tr>
<td>Introductory Sociology</td>
<td>with a passing score of 50 CSU GE Area D0</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>with a passing score of 50 CSU GE Area B1 or B2</td>
</tr>
<tr>
<td>Pre-Calculus</td>
<td>with a passing score of 50 CSU GE Area B4</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>with a passing score of 50 credits earned 3.0</td>
</tr>
<tr>
<td>Principles of Macroeconomics</td>
<td>with a passing score of 50 CSU GE Area D2</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>with a passing score of 50 credits earned 3.0</td>
</tr>
<tr>
<td>Principles of Microeconomics</td>
<td>with a passing score of 50 CSU GE Area D2</td>
</tr>
<tr>
<td>Social Science &amp; History</td>
<td>NA</td>
</tr>
<tr>
<td>Spanish Level I</td>
<td>With a passing score of 60 Credits earned 6.0</td>
</tr>
<tr>
<td>Spanish Level II</td>
<td>with a passing score of 63 CSU GE Area C2</td>
</tr>
<tr>
<td>Trigonometry</td>
<td>with a passing score of 50 CSU GE Area B4</td>
</tr>
<tr>
<td>Western Civilization I</td>
<td>with a passing score of 50 CSU GE Area C2 or Area D6</td>
</tr>
<tr>
<td>Western Civilization II</td>
<td>with a passing score of 50 CSU GE Area D6</td>
</tr>
</tbody>
</table>

### GRADUATION REQUIREMENTS FOR ASSOCIATE DEGREES 2022-2023

West Valley College will confer the Associate in Arts (A.A.) or Associate in Science (A.S.) degree upon a student who successfully completes requirements listed below in accordance with WVMCCD Board Policy 4025 and Title 5 § 55063. Graduation requirements (Major, Competency, and General Education) are listed in the College Catalog at the time studies begin. Those requirements may be followed throughout the course of study as long as the student remains in continuous enrollment which is defined as enrollment for at least one regular semester, summer session or winter session each academic year. If a break in attendance occurs, the graduation requirements shall become those listed in the College Catalog which is current at the time studies are resumed.

### Area A: Language and Rationality

**Requirement:** 6 semester/9 quarter units minimum

Complete one course from each section (2 courses total). All courses from Area A must be complete with a “C” (or P) or better.

### Area A1: English Composition

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 001A</td>
<td>English Composition (with a “C” or better)</td>
</tr>
</tbody>
</table>
## Area A2: Communication & Analytical Thinking

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 001</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>COMM 001H</td>
<td>Honors Public Speaking</td>
</tr>
<tr>
<td>COMM 007</td>
<td>Survey of Communication: Career Building Strategies</td>
</tr>
<tr>
<td>COMM 010</td>
<td>Introduction to Persuasion</td>
</tr>
<tr>
<td>COMM 010H</td>
<td>Honors Introduction to Persuasion</td>
</tr>
<tr>
<td>COMM 020</td>
<td>Argumentation &amp; Debate</td>
</tr>
<tr>
<td>CIST 002</td>
<td>Introduction to Computing (4)</td>
</tr>
<tr>
<td>CIST 004A</td>
<td>Computer Programming I (C++ Programming) (4)</td>
</tr>
<tr>
<td>CIST 004A1</td>
<td>Computer Programming I (Java) (4)</td>
</tr>
<tr>
<td>ENGL 001B</td>
<td>Critical Thinking through Literature</td>
</tr>
<tr>
<td>ENGL 001C</td>
<td>Critical Thinking &amp; Writing</td>
</tr>
<tr>
<td>ENGL 001CH</td>
<td>Honors Critical Thinking &amp; Writing</td>
</tr>
<tr>
<td>GIST 016A</td>
<td>Introduction to Geospatial Technology</td>
</tr>
<tr>
<td>MATH 104</td>
<td>Plane Geometry (4)</td>
</tr>
<tr>
<td>MATH 105</td>
<td>Pre-Statistics (5)</td>
</tr>
<tr>
<td>MATH 106</td>
<td>Intermediate Algebra (5)</td>
</tr>
<tr>
<td>MATH 106R</td>
<td>Intermediate Algebra Review (4)</td>
</tr>
<tr>
<td>MATH 000D</td>
<td>Trigonometry</td>
</tr>
<tr>
<td>MATH 000G</td>
<td>Mathematics for the Liberal Arts Student</td>
</tr>
<tr>
<td>MATH 001</td>
<td>Pre-Calculus Algebra (4)</td>
</tr>
<tr>
<td>MATH 002</td>
<td>Pre-Calculus Algebra and Trigonometry (6)</td>
</tr>
<tr>
<td>MATH 003A</td>
<td>Calculus and Analytical Geometry (5)</td>
</tr>
<tr>
<td>MATH 003AH</td>
<td>Honors Calculus and Analytical Geometry (5)</td>
</tr>
<tr>
<td>MATH 003B</td>
<td>Calculus and Analytical Geometry (5)</td>
</tr>
<tr>
<td>MATH 003BH</td>
<td>Honors Calculus and Analytical Geometry (5)</td>
</tr>
<tr>
<td>MATH 004A</td>
<td>Intermediate Calculus (5)</td>
</tr>
<tr>
<td>MATH 004B</td>
<td>Differential Equations (4)</td>
</tr>
<tr>
<td>MATH 004C</td>
<td>Linear Algebra (4)</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics (4)</td>
</tr>
<tr>
<td>MATH 010H</td>
<td>Honors Elementary Statistics (4)</td>
</tr>
<tr>
<td>MATH 012</td>
<td>Applied Calculus (4)</td>
</tr>
<tr>
<td>MATH 014</td>
<td>Math for Elementary School Teachers (Numbers Systems)</td>
</tr>
<tr>
<td>MATH 019</td>
<td>Discrete Mathematics (4)</td>
</tr>
<tr>
<td>PHIL 002</td>
<td>Introduction to Logic</td>
</tr>
<tr>
<td>PHIL 003</td>
<td>Introduction to Ethics**</td>
</tr>
<tr>
<td>PHIL 017</td>
<td>Logic &amp; Critical Reasoning</td>
</tr>
<tr>
<td>SOCI 012</td>
<td>Introduction to Research Methods</td>
</tr>
</tbody>
</table>

All courses are three (3) semester units unless otherwise noted.
Courses indicated by (**) may be used to meet one area requirement only.

**Area B: Natural Sciences**

**Requirement:** 3 Semester/4.5 Quarter Units Minimum

These courses examine the physical universe, its life forms and its natural phenomena. Labs are indicated with "X" in the Lab column.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 001</td>
<td>Introduction to Physical Anthropology</td>
<td></td>
</tr>
<tr>
<td>ASTR 005</td>
<td>Planetarium Astronomy</td>
<td></td>
</tr>
<tr>
<td>ASTR 010</td>
<td>Solar System Astronomy</td>
<td></td>
</tr>
<tr>
<td>ASTR 011</td>
<td>Stellar Astronomy</td>
<td></td>
</tr>
<tr>
<td>ASTR 014</td>
<td>Life in the Universe</td>
<td></td>
</tr>
<tr>
<td>ASTR 020</td>
<td>Family of the Sun (4)</td>
<td></td>
</tr>
<tr>
<td>ASTR 020H</td>
<td>Honors Family of the Sun (4)</td>
<td>X</td>
</tr>
<tr>
<td>ASTR 021</td>
<td>Lifestyles of the Stars (4)</td>
<td>X</td>
</tr>
<tr>
<td>ASTR 021H</td>
<td>Honors Lifestyles of the Stars (4)</td>
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**Area C: Humanities**

**Requirement:** 3 semester/4.5 quarter units minimum

These courses develop an awareness of the ways in which people throughout the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation.

**Area C: Humanities Courses**

**NOTE:** Three 1-unit classes alone may not be used to satisfy this category

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<td>MUSC 032C</td>
<td>Beginning Voice: Musical Theatre</td>
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<td>MUSC 033A</td>
<td>Intermediate Voice: Level 3</td>
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<td>Intermediate Guitar, Level 3</td>
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<td>Intermediate/Advanced Guitar, Level 4</td>
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<td>MUSC 042</td>
<td>Concert Choir</td>
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<td>Concert Choir – Classical Music</td>
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<td>Jazz Band</td>
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<td>MUSC 051B</td>
<td>Jazz Ensemble – The Swing Era</td>
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<td>Jazz Ensemble – Evolution of the “Stage Band”</td>
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<td>Jazz Combo: Fusion</td>
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<td>World Music</td>
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<td>MUSC 057</td>
<td>History &amp; Culture of Hip-Hop</td>
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<td>Jazz Singers</td>
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<td>Vocal Jazz Ensemble: Swing</td>
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<td>MUSC 061C</td>
<td>Vocal Jazz Ensemble: Latin Jazz</td>
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<td>Vocal Jazz Ensemble: Pop &amp; A Cappella</td>
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<td>Solo Performance in Jazz &amp; Popular Music</td>
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<td>Digital Audio &amp; Notation</td>
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<td>Introduction to Ethics**</td>
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<td>Comparative Religions**</td>
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<td>World Philosophers on Death &amp; the Good Life**</td>
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<td>THEA 005A</td>
<td>Introduction to Film/Video Production</td>
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<td>Film/Video Production II</td>
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<td>Writing for Film &amp; Television</td>
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<td>THEA 007A</td>
<td>Acting for Film &amp; Television</td>
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<td>Acting/Directing for Film &amp; Television</td>
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<td>Honors Introduction to Theater</td>
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<td>THEA 011A</td>
<td>Script Analysis: Classical</td>
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<td>Script Analysis: Contemporary/ Absurdist</td>
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<td>THEA 012</td>
<td>Script Analysis: Survey of Musical Theater</td>
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<td>THEA 013</td>
<td>Multicultural Theater</td>
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<td>THEA 014A</td>
<td>Survey of Film: Horror &amp; Science Fiction</td>
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<td>Survey of Film: Westerns and Musicals</td>
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<td>Survey of Film: Gangster &amp; Detective Films</td>
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<td>Survey of Film: Superhero Cinema</td>
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<td>THEA 014E</td>
<td>Survey of Film: The Star Wars Trilogies</td>
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<td>Introduction to Film Studies</td>
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<td>THEA 016</td>
<td>American Cinema</td>
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<td>Introduction to Stage Lighting</td>
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<td>THEA 019A</td>
<td>Visual Spectacle: Practical Effects &amp; Motion Graphics for Cinema</td>
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<td>Studio Theater Production Workshop: American Representational</td>
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<td>Studio Theater Production Workshop: Modern/Contemporary</td>
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<td>THEA 020C</td>
<td>Studio Theater Production Workshop: Classical Greek &amp; European</td>
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<td>Studio Theater Production Workshop: Musical &amp; Children's Theater</td>
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<td>Practical Theater (Scene &amp; Stage) I</td>
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<td>Practical Theater (Scene &amp; Stage) II</td>
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<td>Practical Theater (Costume &amp; Makeup) I</td>
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<td>Practical Theater (Costume &amp; Makeup) II</td>
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<td>THEA 033A</td>
<td>Stage Movement</td>
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<td>Stage Combat</td>
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<td>THEA 035A</td>
<td>Voice Production &amp; Articulation</td>
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## General Education

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<td>Acting Three</td>
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<td>THEA 045B</td>
<td>Stagecraft</td>
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<td>THEA 047A</td>
<td>Fundamentals of Costume Design</td>
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<td>THEA 070A</td>
<td>Mainstage Theater Production Workshop: American Representational</td>
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<td>THEA 070B</td>
<td>Mainstage Theater Production Workshop: Modern &amp; Contemporary</td>
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<td>Mainstage Theater Production Workshop: Classical Greek &amp; European Theater</td>
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<td>Introduction to Women's Studies**</td>
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<td>Honors Introduction to Women's Studies**</td>
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<tr>
<td>WGQS 002</td>
<td>Women in the Arts: Multicultural Perspectives**</td>
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<tr>
<td>WGQS 003</td>
<td>Introduction to Gender &amp; Queer Studies**</td>
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<tr>
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<td>Women in World Cultures**</td>
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</table>

All courses are three (3) semester units unless otherwise noted.
Courses indicated by (**) may be used to meet one area requirement only.

### Area D: Social & Behavioral Sciences

#### Area D1 Courses

**Section 1 - Social and Behavioral Sciences (3 semester units/4.5 quarter units minimum):** These courses deal with human, social, psychological, political, and economic institutions and behavior and their historical background, selected from among the following:

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<th>Course Number</th>
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<td>ADMJ 001</td>
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<td>ADMJ 026</td>
<td>Organized Crime</td>
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<tr>
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<td>Introduction to Archaeology</td>
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<tr>
<td>ANTH 003</td>
<td>Introduction to Cultural Anthropology</td>
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<td>ANTH 003H</td>
<td>Honors Introduction to Cultural Anthropology</td>
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<tr>
<td>ANTH 004</td>
<td>Introduction to Linguistic Anthropology</td>
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<tr>
<td>ANTH 055</td>
<td>Anthropology of Magic, Witchcraft, and Religion**</td>
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<tr>
<td>BUSN 015</td>
<td>The Entrepreneurial Mindset</td>
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<tr>
<td>BUSN 061</td>
<td>Business, Government, and Society</td>
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<tr>
<td>CHST 002</td>
<td>Child Growth and Development</td>
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<tr>
<td>CHST 005</td>
<td>Diversity – Childhood and Culture**</td>
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<td>CHST 063</td>
<td>Child, Family and Community**</td>
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<tr>
<td>COMM 007</td>
<td>Survey of Communication: Career Building Strategies</td>
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<td>COMM 012</td>
<td>Intercultural Communication**</td>
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<td>COUN 050</td>
<td>Cross-Cultural Perspectives**</td>
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<td>ECON 001A</td>
<td>Principles of Macroeconomics (4)</td>
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<td>GEOG 002</td>
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<td>GEOG 006</td>
<td>World Regional Geography</td>
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<td>HIST 004A</td>
<td>Western Civilizations I: Prehistory to 1500 CE</td>
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<td>Western Civilizations II: 1500 CE to Present</td>
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<tr>
<td>HIST 005A</td>
<td>World History I: Prehistory to 1500</td>
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<td>HIST 005B</td>
<td>World History from 1500</td>
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<tr>
<td>HIST 012</td>
<td>African American History</td>
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<tr>
<td>HIST 014</td>
<td>History of the Native North Americans</td>
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<td>HIST 016</td>
<td>Mexican-American History</td>
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<td>HSCI 010</td>
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<td>HSCI 014</td>
<td>Concepts of Public Health and Society</td>
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<td>Comparative Governments</td>
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<td>Social Psychology: A Sociological Perspective**</td>
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<td>Introduction to Research Methods</td>
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<td>Sociology of Race and Ethnicity**</td>
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<td>SOCI 028</td>
<td>Sociology of Gender**</td>
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<td>SOCI 040</td>
<td>Marriage and Family Sociology**</td>
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<td>SOCI 045</td>
<td>Sociology of Human Sexuality**</td>
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<td>Introduction to Gender and Queer Studies**</td>
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Area D2 Courses

Section 2: American History and Institutions (3 semester/4 quarter units): Demonstrate proficiency in American history or American government on via credit by exam OR complete a course with a grade of C (or "P") or better from one of the following:

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<tr>
<td>HIST 020</td>
<td>History and Geography of California**</td>
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<tr>
<td>POLI 001</td>
<td>American Government</td>
</tr>
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<td>POLI 001H</td>
<td>Honors American Government</td>
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Area E: Lifelong Learning and Self-Development

Requirement: 3 semester/4 quarter units minimum

The Lifelong Learning requirement will be completed by the selection of either:

Option 1: Three (3) units from Area A-2, B, C or D

Option 2: Three (3) units from courses listed below which cultivate self-understanding and development of the student as an integrated individual capable of coping with life in our modern society, assist students to acquire the skills necessary to adapt to change, gain self-understanding, and set achievable goals, and which include consideration of such matters as cognitive, affective and psycho-motor development, health, stress management, and key relationships of humans to their social and physical environment.

Area E Courses

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<td>Business Communication</td>
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<td>CHST 053</td>
<td>Contemporary Education in a Changing Society</td>
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<td>Child, Family, and Community</td>
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<td>College Success</td>
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<td>Careers and Lifestyles</td>
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<td>Personal Growth</td>
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<td>Ballet: Beginning Level 2</td>
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<td>DANC 003</td>
<td>Ballet: Intermediate Level 3</td>
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<td>DANC 004</td>
<td>Ballet: Advanced Level 4</td>
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<td>Dance Workshop</td>
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<td>Rehearsal &amp; Performance in Dance</td>
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<td>Modern Dance: Beginning Level 1</td>
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<td>Tap for Musical Theatre: Beginning Level 2</td>
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<tr>
<td>DANC 041</td>
<td>Ballroom &amp; Latin Dance: Beginning</td>
</tr>
<tr>
<td>DANC 042</td>
<td>Ballroom &amp; Latin Dance: Intermediate</td>
</tr>
<tr>
<td>DANC 043</td>
<td>Ballroom &amp; Latin Dance: Advanced</td>
</tr>
<tr>
<td>DANC 044</td>
<td>Lindy Hop &amp; Swing</td>
</tr>
<tr>
<td>DANC 051A</td>
<td>World Dance: Flamenco of Spain, Beginning</td>
</tr>
<tr>
<td>DANC 051B</td>
<td>World Dance: Flamenco of Spain, Beginning</td>
</tr>
<tr>
<td>DANC 060</td>
<td>Studio Dance Production</td>
</tr>
<tr>
<td>FDAT 027</td>
<td>Professional Image</td>
</tr>
<tr>
<td>HSCI 008</td>
<td>Contemporary Health**</td>
</tr>
<tr>
<td>HSCI 010</td>
<td>Human Sexuality**</td>
</tr>
<tr>
<td>HSCI 012</td>
<td>Understanding Stress – A Multidisciplinary Perspective</td>
</tr>
<tr>
<td>HSCI 014</td>
<td>Concepts of Public Health and Society</td>
</tr>
<tr>
<td>KINS 11.07</td>
<td>Pilates Cadillac, Chair and Barrels Instructor Training</td>
</tr>
<tr>
<td>KINS 12.20</td>
<td>Open Water Diver</td>
</tr>
<tr>
<td>KINS 12.22</td>
<td>Advanced Marine Diver</td>
</tr>
<tr>
<td>KINT 033</td>
<td>Women in Sports</td>
</tr>
<tr>
<td>KINT 035</td>
<td>Leadership Development of the Student Athlete</td>
</tr>
<tr>
<td>KINT 042</td>
<td>Principles of Strength Training &amp; Conditioning</td>
</tr>
<tr>
<td>KINT 044</td>
<td>Lifetime Fitness</td>
</tr>
<tr>
<td>LIBR 004</td>
<td>Information Competency (1)</td>
</tr>
<tr>
<td>LRSV 001</td>
<td>Learning Strategies for College and Careers</td>
</tr>
<tr>
<td>NUTR 015</td>
<td>Human Nutrition</td>
</tr>
<tr>
<td>NUTR 022</td>
<td>Sports Nutrition</td>
</tr>
<tr>
<td>PSYC 012</td>
<td>Human Growth and Development</td>
</tr>
<tr>
<td>PSYC 025</td>
<td>Introduction to Abnormal Psychology**</td>
</tr>
<tr>
<td>PSYC 030</td>
<td>Psychology of Addiction and Substance Abuse</td>
</tr>
<tr>
<td>SOCI 001</td>
<td>Introduction to Sociology**</td>
</tr>
<tr>
<td>SOCI 002</td>
<td>Social Problems**</td>
</tr>
<tr>
<td>SOCI 002H</td>
<td>Honors Social Problems**</td>
</tr>
<tr>
<td>SOCI 003</td>
<td>Social Psychology: Sociological Perspective**</td>
</tr>
<tr>
<td>SOCI 020</td>
<td>Sociology of Race and Ethnicity**</td>
</tr>
<tr>
<td>SOCI 028</td>
<td>Sociology of Gender**</td>
</tr>
<tr>
<td>SOCI 040</td>
<td>Marriage and Family Sociology**</td>
</tr>
</tbody>
</table>
## General Education

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 045</td>
<td>Sociology of Human Sexuality**</td>
</tr>
</tbody>
</table>

Courses indicated by (**) may be used to meet one area requirement only. All courses are three (3) semester units unless otherwise noted.

### Area F: Cultural Diversity

**Requirement:** 3 semester/4 quarter units minimum

#### Area F Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ANTH 003</td>
<td>Introduction to Cultural Anthropology**</td>
</tr>
<tr>
<td>ANTH 003H</td>
<td>Honors Introduction to Cultural Anthropology**</td>
</tr>
<tr>
<td>ANTH 004</td>
<td>Introduction to Linguistic Anthropology**</td>
</tr>
<tr>
<td>ANTH 055</td>
<td>Anthropology of Magic, Witchcraft, and Religion**</td>
</tr>
<tr>
<td>ARTS 001E</td>
<td>Design in Society**</td>
</tr>
<tr>
<td>ARTS 010</td>
<td>American Art: A Multi-Cultural Approach**</td>
</tr>
<tr>
<td>ARTS 095</td>
<td>New Media and Social Change**</td>
</tr>
<tr>
<td>CHST 005</td>
<td>Diversity – Childhood and Culture**</td>
</tr>
<tr>
<td>COMM 012</td>
<td>Intercultural Communication</td>
</tr>
<tr>
<td>COLN 050</td>
<td>Cross-Cultural Perspectives**</td>
</tr>
<tr>
<td>DANC 061</td>
<td>Dance in America: A Cultural Perspective**</td>
</tr>
<tr>
<td>DANC 061H</td>
<td>Honors Dance in America: A Cultural Perspective**</td>
</tr>
<tr>
<td>ENGL 012</td>
<td>African American Literature (Same as ETHN 012)**</td>
</tr>
<tr>
<td>ENGL 012H</td>
<td>Honors African American Literature (Same as ETHN 012H)**</td>
</tr>
<tr>
<td>ENGL 013</td>
<td>U.S. Latino Literature (Same as ETHN 013)**</td>
</tr>
<tr>
<td>ENGL 013H</td>
<td>Honors U.S. Latino Literature (Same as ETHN 013H)**</td>
</tr>
<tr>
<td>ENGL 018</td>
<td>Asian American Literature (Same as ETHN 018)**</td>
</tr>
<tr>
<td>ENGL 018H</td>
<td>Honors Asian American Literature**</td>
</tr>
<tr>
<td>ENGL 046</td>
<td>Contemporary American Multi-Cultural Literature**</td>
</tr>
<tr>
<td>ENGL 046H</td>
<td>Honors Contemporary American Multi-Cultural Literature**</td>
</tr>
<tr>
<td>ETHN 012</td>
<td>African American Literature (Same as ENGL 012)**</td>
</tr>
<tr>
<td>ETHN 012H</td>
<td>Honors African American Literature (Same as ENGL 012H)**</td>
</tr>
<tr>
<td>ETHN 013</td>
<td>U.S. Latino Literature (Same as ENGL 013)**</td>
</tr>
<tr>
<td>ETHN 013H</td>
<td>Honors U.S. Latino Literature (Same as ENGL 013H)**</td>
</tr>
<tr>
<td>ETHN 018</td>
<td>Asian American Literature (same as ENGL 018)**</td>
</tr>
<tr>
<td>FDAT 088</td>
<td>Fashion and Race in America</td>
</tr>
<tr>
<td>GEOG 002</td>
<td>Introduction to Cultural Geography</td>
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<tr>
<td>GEOG 006</td>
<td>World Regional Geography</td>
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<tr>
<td>MUSC 055</td>
<td>World Music **</td>
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<tr>
<td>NUTR 020</td>
<td>World Food Customs &amp; Nutrition</td>
</tr>
<tr>
<td>PMGT 010</td>
<td>Introduction to Park Management</td>
</tr>
<tr>
<td>PHIL 004</td>
<td>Comparative Religions**</td>
</tr>
<tr>
<td>Course Number</td>
<td>Course Title</td>
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<tr>
<td>PHIL 021</td>
<td>World Philosophers on Death and the Good Life**</td>
</tr>
<tr>
<td>PSYC 009</td>
<td>Psychology of Women: A Multicultural Perspective</td>
</tr>
<tr>
<td>SOCI 001</td>
<td>Introduction to Sociology**</td>
</tr>
<tr>
<td>SOCI 002</td>
<td>Social Problems**</td>
</tr>
<tr>
<td>SOCI 002H</td>
<td>Honors Social Problems**</td>
</tr>
<tr>
<td>SOCI 003</td>
<td>Social Psychology: A Sociological Perspective**</td>
</tr>
<tr>
<td>SOCI 020</td>
<td>Sociology of Race and Ethnicity**</td>
</tr>
<tr>
<td>SOCI 028</td>
<td>Sociology of Gender**</td>
</tr>
<tr>
<td>SOCI 040</td>
<td>Marriage and Family Sociology**</td>
</tr>
<tr>
<td>SOCI 045</td>
<td>Sociology of Human Sexuality**</td>
</tr>
<tr>
<td>WGQS 001</td>
<td>Introduction to Women's Studies**</td>
</tr>
<tr>
<td>WGQS 001H</td>
<td>Honors Introduction to Women's Studies**</td>
</tr>
<tr>
<td>WGSQ 002</td>
<td>Women in the Arts: Multicultural Perspectives**</td>
</tr>
</tbody>
</table>

**Note: Courses indicated by (**) may be used to meet one area requirement only.

**Golden Four:** Areas A1, A2, A3, and B4 must be completed with a letter grade of "C" or better. Completion of the Golden Four and 60 transferable units with a minimum cumulative GPA of 2.0 are required for admission.

Area A: English Language Communication and Critical Thinking

**Requirement:** 3 courses 9 semester/12-15 quarter units

Complete 1 course from each section (3 courses total). All courses from Area A must be completed with a "C" or better.

**Area A1: Oral Communication**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 001</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>COMM 001H</td>
<td>Honors Public Speaking</td>
</tr>
<tr>
<td>COMM 010</td>
<td>Introduction to Persuasion</td>
</tr>
<tr>
<td>COMM 010H</td>
<td>Honors Introduction to Persuasion</td>
</tr>
<tr>
<td>COMM 020</td>
<td>Argumentation &amp; Debate</td>
</tr>
</tbody>
</table>

**Area A2: Written Communication**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 001A</td>
<td>English Composition</td>
</tr>
</tbody>
</table>
### General Education

#### Area A3: Critical Thinking

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENGL 001B</td>
<td>Critical Thinking through Literature</td>
</tr>
<tr>
<td>ENGL 001C</td>
<td>Critical Thinking &amp; Writing</td>
</tr>
<tr>
<td>ENGL 001CH</td>
<td>Honors Critical Thinking &amp; Writing</td>
</tr>
<tr>
<td>PHIL 002</td>
<td>Introduction to Logic</td>
</tr>
<tr>
<td>PHIL 003</td>
<td>Introduction to Ethics</td>
</tr>
<tr>
<td>PHIL 017</td>
<td>Logic &amp; Critical Reasoning</td>
</tr>
</tbody>
</table>

#### Area B: Scientific Inquiry and Quantitative Reasoning

**Requirement:** 9 Semester/12 Quarter Units  
Complete at least one course from Biological Science, Physical Science, and Mathematics area.

#### Area B1: Physical Sciences

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 010</td>
<td>Solar System Astronomy</td>
<td></td>
</tr>
<tr>
<td>ASTR 011</td>
<td>Stellar Astronomy</td>
<td></td>
</tr>
<tr>
<td>ASTR 014</td>
<td>Life in the Universe</td>
<td></td>
</tr>
<tr>
<td>ASTR 020</td>
<td>Family of the Sun (4)</td>
<td>X</td>
</tr>
<tr>
<td>ASTR 020H</td>
<td>Honors Family of the Sun (4)</td>
<td>X</td>
</tr>
<tr>
<td>ASTR 021</td>
<td>Lifestyles of the Stars (4)</td>
<td>X</td>
</tr>
<tr>
<td>ASTR 021H</td>
<td>Honors Lifestyles of the Stars (4)</td>
<td>X</td>
</tr>
<tr>
<td>ASTR 022</td>
<td>From Big Bang to Black Holes</td>
<td></td>
</tr>
<tr>
<td>BIOL 013</td>
<td>Natural History of California</td>
<td>X</td>
</tr>
<tr>
<td>CHEM 001A, 001B</td>
<td>General Chemistry (5/ea)</td>
<td>X</td>
</tr>
<tr>
<td>CHEM 002</td>
<td>Introductory Chemistry (4)</td>
<td>X</td>
</tr>
<tr>
<td>CHEM 012A, 012B</td>
<td>Organic Chemistry (5/ea)</td>
<td>X</td>
</tr>
<tr>
<td>CHEM 030A, 030B</td>
<td>Fundamentals of Chemistry (4/ea)</td>
<td>X</td>
</tr>
<tr>
<td>GEOG 001</td>
<td>Intro Physical Geography</td>
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<tr>
<td>GEOL 001A</td>
<td>Physical Geology (4)</td>
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</tr>
<tr>
<td>GEOL 001B</td>
<td>Historical Geology (4)</td>
<td>X</td>
</tr>
<tr>
<td>GEOL 012</td>
<td>Earth Science with Lab (4)</td>
<td>X</td>
</tr>
<tr>
<td>GEOL 015</td>
<td>Geology of California</td>
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</tr>
<tr>
<td>GEOL 020</td>
<td>Field Geology</td>
<td>X</td>
</tr>
<tr>
<td>OCEA 010</td>
<td>Introduction to Oceanography (4)</td>
<td>X</td>
</tr>
<tr>
<td>PHYS 001</td>
<td>Introduction to Physics Problem Solving</td>
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</tr>
<tr>
<td>PHYS 002A</td>
<td>General Physics – Mechanics (5)</td>
<td>X</td>
</tr>
<tr>
<td>PHYS 002B</td>
<td>General Physics – Electricity &amp; Magnetism (5)</td>
<td>X</td>
</tr>
<tr>
<td>PHYS 004A</td>
<td>Engineering Physics – Mechanics (5)</td>
<td>X</td>
</tr>
<tr>
<td>PHYS 004B</td>
<td>Engineering Physics – Electricity &amp; Magnetism (5)</td>
<td>X</td>
</tr>
<tr>
<td>PHYS 004C</td>
<td>Engineering Physics – Light, Heat, and Waves (5)</td>
<td>X</td>
</tr>
<tr>
<td>PHYS 004D</td>
<td>Advanced Topics in Modern Physics</td>
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</tr>
</tbody>
</table>
## General Education

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Lab</th>
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</thead>
<tbody>
<tr>
<td>PHYS 010</td>
<td>Conceptual Introduction to Physics (4)</td>
<td>X</td>
</tr>
<tr>
<td>PSCI 010</td>
<td>Physical Science Survey</td>
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</tr>
<tr>
<td>PSCI 020</td>
<td>Weather and Climate</td>
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### Area B2: Life Sciences

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 001</td>
<td>Introduction to Physical Anthropology</td>
<td></td>
</tr>
<tr>
<td>BIOL 002</td>
<td>Environmental Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 010 + 010L</td>
<td>Introduction to Biology + Laboratory (4)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 011</td>
<td>Human Biology (4)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 012</td>
<td>Introduction to Ecology and Wildlife (4)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 013</td>
<td>Natural History of California</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 014</td>
<td>California Plants and Animals (4)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 018</td>
<td>Marine Biology (4)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 022</td>
<td>Genetics (4)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 023</td>
<td>Introduction to Infectious Diseases</td>
<td></td>
</tr>
<tr>
<td>BIOL 024</td>
<td>Bio in the News</td>
<td></td>
</tr>
<tr>
<td>BIOL 035</td>
<td>Biology of Birds (4)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 036</td>
<td>Animal Behavior</td>
<td></td>
</tr>
<tr>
<td>BIOL 037</td>
<td>Evolution – Life on Earth</td>
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</tr>
<tr>
<td>BIOL 038</td>
<td>Biodiversity and Extinction: Hotspots, Crisis and Conservation</td>
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</tr>
<tr>
<td>BIOL 040</td>
<td>Organismal Biology (4)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 041</td>
<td>Principles of Animal Biology (5)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 042</td>
<td>Principles of Plant Biology (5)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 043</td>
<td>Principles of Cell Biology (5)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 045</td>
<td>Microbiology (5)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 047</td>
<td>Human Anatomy (5)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 048</td>
<td>Human Physiology (5)</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 055</td>
<td>Biology of Sex</td>
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<tr>
<td>BIOL 056</td>
<td>Ecology of the Sierra Nevada</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 058</td>
<td>Field Ecology</td>
<td>X</td>
</tr>
<tr>
<td>BIOL 059</td>
<td>Climate Change</td>
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<tr>
<td>PSYC 002</td>
<td>Experimental Psychophysiology (4)</td>
<td>X</td>
</tr>
<tr>
<td>PSYC 002H</td>
<td>Honors Experimental Psychophysiology (4)</td>
<td>X</td>
</tr>
<tr>
<td>PSYC 007</td>
<td>Physiological Psychology</td>
<td></td>
</tr>
</tbody>
</table>

### Area B3: Laboratory Activity

**BIOL 002L, BIOL 050, GEOL 012 or one of the selected science courses from B1 or B2 above must** be a laboratory course.
## Area B4: Mathematics/Quantitative Reasoning

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 000D</td>
<td>Trigonometry</td>
</tr>
<tr>
<td>MATH 000G</td>
<td>Mathematics for the Liberal Arts Student</td>
</tr>
<tr>
<td>MATH 001</td>
<td>Pre-Calculus Algebra (4)</td>
</tr>
<tr>
<td>MATH 002</td>
<td>Pre-Calculus Algebra and Trigonometry (6)</td>
</tr>
<tr>
<td>MATH 003A</td>
<td>Calculus and Analytical Geometry (5)</td>
</tr>
<tr>
<td>MATH 003AH</td>
<td>Honors Calculus and Analytical Geometry (5)</td>
</tr>
<tr>
<td>MATH 003B</td>
<td>Calculus and Analytical Geometry (5)</td>
</tr>
<tr>
<td>MATH 003BH</td>
<td>Honors Calculus and Analytical Geometry (5)</td>
</tr>
<tr>
<td>MATH 004A</td>
<td>Intermediate Calculus (5)</td>
</tr>
<tr>
<td>MATH 004B</td>
<td>Differential Equations (4)</td>
</tr>
<tr>
<td>MATH 004C</td>
<td>Linear Algebra (4)</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics (4)</td>
</tr>
<tr>
<td>MATH 010H</td>
<td>Honors Elementary Statistics (4)</td>
</tr>
<tr>
<td>MATH 012</td>
<td>Applied Calculus (4)</td>
</tr>
<tr>
<td>MATH 014</td>
<td>Math for Elementary School Teachers (Number Systems)</td>
</tr>
<tr>
<td>MATH 019</td>
<td>Discrete Mathematics (4)</td>
</tr>
</tbody>
</table>

## Area C: Arts and Humanities

**Requirement:** 9 semester/12-15 quarter units

Complete three (3) courses with at least one course in Arts and one course in Humanities.

### Area C1: Arts Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ARCH 046</td>
<td>History of Architecture</td>
</tr>
<tr>
<td>ARCH 047</td>
<td>History of Modern Architecture</td>
</tr>
<tr>
<td>ARCH 072</td>
<td>History of Landscape Architecture</td>
</tr>
<tr>
<td>ARTS 001A</td>
<td>Survey of Western Art I</td>
</tr>
<tr>
<td>ARTS 001AH</td>
<td>Honors Survey of Western Art I</td>
</tr>
<tr>
<td>ARTS 001B</td>
<td>Survey of Western Art II</td>
</tr>
<tr>
<td>ARTS 001BH</td>
<td>Honors Survey of Western Art II</td>
</tr>
<tr>
<td>ARTS 001D</td>
<td>Survey of Modern Art</td>
</tr>
<tr>
<td>ARTS 001DH</td>
<td>Honors Art of the 20th Century</td>
</tr>
<tr>
<td>ARTS 001E</td>
<td>Design in Society</td>
</tr>
<tr>
<td>ARTS 001G</td>
<td>History of Photography</td>
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<td>THEA 014E</td>
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<td>Western Civilizations II: 1500 CE to Present**</td>
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<td>World History from 1500**</td>
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<td>History of the Native North Americans**</td>
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<tr>
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<td>Human Values in &amp; from the Arts – the Ancient World to the Early Renaissance</td>
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<tr>
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**Area C3 Additional C1 or C2 Course**

One additional course from either C1 or C2. (Biology AS-T majors can defer Area C3 until after transfer).

**Area D: Social and Behavioral Sciences**

**Requirement:** 2 courses, 6 semester/8 quarter units

Note: Biology AS-T majors can defer 1 course until after transfer.

**Area D Courses**

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<td>ADMJ 026</td>
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<td>ADMJ 051</td>
<td>Race, Class &amp; Gender in Criminal Justice</td>
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<td>ANTH 003</td>
<td>Introduction to Cultural Anthropology</td>
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<td>ANTH 004</td>
<td>Introduction to Linguistic Anthropology</td>
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<td>ANTH 055</td>
<td>Anthropology of Magic, Witchcraft, and Religion</td>
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<td>Child Growth and Development**</td>
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<td>CHST 005</td>
<td>Diversity – Childhood and Culture</td>
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<td>Intercultural Communication**</td>
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<td>Cross-Cultural Perspectives**</td>
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<td>Introduction to Gender and Queer Studies**</td>
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</table>
General Education

Courses indicated by (**) may be used to meet one area requirement only.

CSU Graduation Requirements: It is not required by all CSU’s to complete American Institutions requirements prior to transfer but it is STRONGLY RECOMMENDED to complete one of the following sequences to meet these requirements prior to transfer.

Note: These courses meet their respective GE area requirement (i.e., Area C2 or D) as well as the American Institution requirement.

American Institutions Requirement Options

HIST 012 + POLI 001 or 001H
HIST 014 + POLI 001 or 001H
HIST 016 + POLI 001 or 001H
HIST 017A + HIST 020
HIST 017A + POLI 001 or 001H
HIST 017B or 17BH + POLI 001 or 001H

Area E: Lifelong Learning and Self-Development

Requirement: 3 units minimum

Choose courses from the following to total at least three (3) semester units.

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<td>COUN 012C</td>
<td>Careers and Lifestyles (1)</td>
</tr>
<tr>
<td>COUN 024</td>
<td>Personal Growth</td>
</tr>
<tr>
<td>COUN 050</td>
<td>Cross-Cultural Perspectives**</td>
</tr>
<tr>
<td>HSCI 008</td>
<td>Contemporary Health**</td>
</tr>
<tr>
<td>HSCI 010</td>
<td>Human Sexuality**</td>
</tr>
<tr>
<td>HSCI 012</td>
<td>Understanding Stress - A Multidisciplinary Primary</td>
</tr>
<tr>
<td>HSCI 014</td>
<td>Concepts of Public Health and Society**</td>
</tr>
<tr>
<td>KINS/KINA/DANC</td>
<td>(Up to 2 units allowed)</td>
</tr>
<tr>
<td>KINT 033</td>
<td>Women in Sports</td>
</tr>
<tr>
<td>KINT 044</td>
<td>Lifetime Fitness</td>
</tr>
<tr>
<td>LIBR 004</td>
<td>Information Competency (1)</td>
</tr>
<tr>
<td>LRSV 001</td>
<td>Learning Strategies for College and Careers</td>
</tr>
<tr>
<td>NUTR 015</td>
<td>Human Nutrition</td>
</tr>
<tr>
<td>PSYC 009</td>
<td>Psychology of Women: A Multicultural Perspective</td>
</tr>
<tr>
<td>PSYC 012</td>
<td>Human Growth and Development</td>
</tr>
<tr>
<td>PSYC 030</td>
<td>Psychology of Addiction and Substance Abuse</td>
</tr>
<tr>
<td>SOCI 001</td>
<td>Introduction to Sociology**</td>
</tr>
<tr>
<td>SOCI 002</td>
<td>Social Problems**</td>
</tr>
<tr>
<td>SOCI 003</td>
<td>Social Psychology: Sociological Perspective**</td>
</tr>
<tr>
<td>SOCI 020</td>
<td>Sociology of Race and Ethnicity**</td>
</tr>
</tbody>
</table>
**Area F: Ethnic Studies**

**Requirement:** 3 units minimum
Choose a course of course from the following to total at least three (3) semester units.

**Area F Courses**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SJST 001</td>
<td>Introduction to Ethnic and Social Justice Studies (Same as ETHN 001)**</td>
</tr>
<tr>
<td>ENGL 012</td>
<td>African American Literature (Same as ETHN 012)**</td>
</tr>
<tr>
<td>ENGL 012H</td>
<td>Honors African Am. Lit. (Same as ETHN 012H)**</td>
</tr>
<tr>
<td>ENGL 013</td>
<td>U.S. Latino Literature (Same as ETHN 013)**</td>
</tr>
<tr>
<td>ENGL 013H</td>
<td>Honors U.S. Latino Lit. (Same as ETHN 013H)**</td>
</tr>
<tr>
<td>ENGL 018</td>
<td>Asian American Literature (Same as ETHN 018)**</td>
</tr>
<tr>
<td>ETHN 001</td>
<td>Introduction to Ethnic and Social Justice Studies (Same as SJST 001)**</td>
</tr>
<tr>
<td>ETHN 012</td>
<td>African American Literature (Same as ENGL 012)**</td>
</tr>
<tr>
<td>ETHN 012H</td>
<td>Honors African American Literature (Same as ENGL 012H)**</td>
</tr>
<tr>
<td>ETHN 013</td>
<td>U.S. Latino Literature (Same as ENGL 013)**</td>
</tr>
<tr>
<td>ETHN 013H</td>
<td>Honors U.S. Latino Literature (Same as ENGL 013H)**</td>
</tr>
<tr>
<td>ETHN 018</td>
<td>Asian American Literature (Same as ENGL 018)**</td>
</tr>
</tbody>
</table>

**Important Note to Students**

Area F is a new CSU General Education requirement for students who started college at a California Community College (CCC) or California State University (CSU) in Fall 2021 or later. Students who have maintained continuous enrollment at a CCC or CSU prior to Fall 2021 may exercise their catalog rights to not be held to this requirement upon transfer to the CSU system. Exercising one's catalog rights can allow students to defer to the previous CSU GE-B requirements (i.e., needing 3 courses/9 units in Social Sciences/Area D).

For clarification, please schedule a meeting with a counselor.

**Catalog Rights Definition:**
(as outlined in the Academic Programs section of the West Valley College Catalog): Students who maintain continuous enrollment, meaning they attended at least one semester or summer session during the academic year, may choose to graduate under the catalog in effect at the time they first enrolled at West Valley College or any catalog up to the time of graduation. Students who are considered returning students, meaning those who did not attend for a year or more before returning to college, must follow the catalog requirements in effect at the time of re-enrollment. Documented military, not exceeding two years, will not be considered an interruption of continuous enrollment. For catalog rights, the academic year begins each fall and ends with the subsequent summer session.

**INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM 2022-2023**

The Intersegmental General Education Transfer Curriculum (IGETC) is a general education program which allows California Community College students to fulfill lower-division general education (GE) requirements for either the CSU or UC system without the need, after transfer, to take additional lower-division GE requirements. **SIXTY (60) UC TRANSFERABLE UNITS** of Major and GE courses with a grade of "C" (or P) are required for transfer. Transfer students should: (1) meet with a counselor to create an EDUCATIONAL PLAN that will assist in identifying appropriate major and GE requirements; (2) request an IGETC CERTIFICATION (when final transcripts are requested) to be sent to the transfer institution; and (3) with a counselor's assistance, determine eligibility for an Associate's Degree and/or an Associate's Degree for Transfer, FULL CERTIFICATION (completion of all areas), PARTIAL CERTIFICATION (completion of all but 2 courses), and IGETC FOR STEM CERTIFICATION (for BIO AS-T only) are available. All courses are 3 units unless otherwise noted. Completion of the pattern also satisfies requirements for Certificate of Achievement in Transfer Studies.

**Note:** Courses indicated by (**) may be used to meet one area requirement only.

**Area 1: English Communication**

**Requirement:** 2-3 courses, 6-9 semester/12-15 quarter units

UC Transfers–Complete one course from both Group A and B. CSU Transfers & AA-T/AS-Ts–Complete one course from Group A, B and C.
General Education

**Group A: English Composition**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 001A</td>
<td>English Composition</td>
</tr>
</tbody>
</table>

**Group B: Critical Thinking**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 001B</td>
<td>Critical Thinking through Literature</td>
</tr>
<tr>
<td>ENGL 001C</td>
<td>Critical Thinking &amp; Writing</td>
</tr>
<tr>
<td>ENGL 001CH</td>
<td>Honors Critical Thinking &amp; Writing</td>
</tr>
<tr>
<td>PHIL 003</td>
<td>Introduction to Ethics</td>
</tr>
<tr>
<td>PHIL 017</td>
<td>Logic &amp; Critical Reasoning</td>
</tr>
</tbody>
</table>

**Group C: Oral Communication**

*CSU Transfer Requirement Only*

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 001</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>COMM 001H</td>
<td>Honors Public Speaking</td>
</tr>
<tr>
<td>COMM 010</td>
<td>Introduction to Persuasion</td>
</tr>
<tr>
<td>COMM 010H</td>
<td>Honors Introduction to Persuasion</td>
</tr>
<tr>
<td>COMM 020</td>
<td>Argumentation &amp; Debate</td>
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</tbody>
</table>

**Area 2: Mathematical Concepts and Quantitative Reasoning**

*Requirement: 1 course*

**Area 2 Courses**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>MATH 000G</td>
<td>Mathematics for the Liberal Arts Student</td>
</tr>
<tr>
<td>MATH 001</td>
<td>Pre-Calculus Algebra (4)*</td>
</tr>
<tr>
<td>MATH 002</td>
<td>Pre-Calculus Algebra and Trigonometry (6)*</td>
</tr>
<tr>
<td>MATH 003A</td>
<td>Calculus and Analytical Geometry (5)*</td>
</tr>
<tr>
<td>MATH 003AH</td>
<td>Honors Calculus and Analytical Geometry (5)*</td>
</tr>
<tr>
<td>MATH 003B</td>
<td>Calculus and Analytical Geometry (5)*</td>
</tr>
<tr>
<td>MATH 003BH</td>
<td>Honors Calculus and Analytical Geometry (5)*</td>
</tr>
<tr>
<td>MATH 004A</td>
<td>Intermediate Calculus (5)*</td>
</tr>
<tr>
<td>MATH 004B</td>
<td>Differential Equations (4)*</td>
</tr>
<tr>
<td>MATH 004C</td>
<td>Linear Algebra (4)*</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics (4)*</td>
</tr>
<tr>
<td>MATH 010H</td>
<td>Honors Elementary Statistics (4)*</td>
</tr>
<tr>
<td>MATH 012</td>
<td>Applied Calculus (4)*</td>
</tr>
<tr>
<td>MATH 019</td>
<td>Discrete Mathematics (4)*</td>
</tr>
</tbody>
</table>

*UC Transfer Credit is limited for most MATH courses. See credit course listing in assist.org for details.*

**Area 3: Arts and Humanities**

*Requirement: 3 courses, 9 semester/12-15 quarter units*

One course must be selected from the Arts; another course from the Humanities; and a third course from either area.
Biology AS-T majors can defer the third course until after transfer.

**Group 3A: Arts Courses**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ARCH 046</td>
<td>History of Architecture</td>
</tr>
<tr>
<td>ARCH 047</td>
<td>History of Modern Architecture</td>
</tr>
<tr>
<td>ARCH 072</td>
<td>History of Landscape Architecture</td>
</tr>
<tr>
<td>ARTS 001A</td>
<td>Survey of Western Art I</td>
</tr>
<tr>
<td>ARTS 001AH</td>
<td>Honors Survey of Western Art I</td>
</tr>
<tr>
<td>ARTS 001B</td>
<td>Survey of Western Art II</td>
</tr>
<tr>
<td>ARTS 001BH</td>
<td>Honors Survey of Western Art II</td>
</tr>
<tr>
<td>ARTS 001D</td>
<td>Survey of Modern Art</td>
</tr>
<tr>
<td>ARTS 001DH</td>
<td>Honors Art of the 20th Century</td>
</tr>
<tr>
<td>ARTS 001E</td>
<td>Design in Society</td>
</tr>
<tr>
<td>ARTS 001G</td>
<td>History of Photography</td>
</tr>
<tr>
<td>ARTS 001J</td>
<td>Survey of Non-Western Art: Africa, Oceania, &amp; Indigenous North America</td>
</tr>
<tr>
<td>ARTS 004</td>
<td>Art Appreciation</td>
</tr>
<tr>
<td>ARTS 007</td>
<td>The Art of Asia</td>
</tr>
<tr>
<td>ARTS 010</td>
<td>American Art: A Multi-Cultural Approach</td>
</tr>
<tr>
<td>ARTS 012A</td>
<td>Art of Pre-Hispanic Mexico</td>
</tr>
<tr>
<td>ARTS 012B</td>
<td>Art of Colonial &amp; Modern Mexico</td>
</tr>
<tr>
<td>ARTS 013</td>
<td>African-American Art History</td>
</tr>
<tr>
<td>ARTS 014</td>
<td>Women in Art History</td>
</tr>
<tr>
<td>DANC 061</td>
<td>Dance in America: A Cultural Perspective</td>
</tr>
<tr>
<td>DANC 061H</td>
<td>Honors Dance in America: A Cultural Perspective</td>
</tr>
<tr>
<td>MUSC 001</td>
<td>Music History: Medieval, Renaissance, &amp; Baroque Periods</td>
</tr>
<tr>
<td>MUSC 002</td>
<td>Music History: Classical, Romantic &amp; Contemporary Periods</td>
</tr>
<tr>
<td>MUSC 003A</td>
<td>Music Theory Level 1</td>
</tr>
<tr>
<td>MUSC 003B</td>
<td>Music Theory Level 2</td>
</tr>
<tr>
<td>MUSC 004A</td>
<td>Music Theory Level 3</td>
</tr>
<tr>
<td>MUSC 004B</td>
<td>Music Theory Level 4</td>
</tr>
<tr>
<td>MUSC 005</td>
<td>Fundamentals of Music</td>
</tr>
<tr>
<td>MUSC 007</td>
<td>Film Music Appreciation</td>
</tr>
<tr>
<td>MUSC 009</td>
<td>Jazz Music History</td>
</tr>
<tr>
<td>MUSC 010</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td>MUSC 054</td>
<td>History of Rock and Roll Music</td>
</tr>
<tr>
<td>MUSC 055</td>
<td>World Music</td>
</tr>
<tr>
<td>THEA 010</td>
<td>Introduction to Theater</td>
</tr>
<tr>
<td>THEA 010H</td>
<td>Honors Introduction to Theater</td>
</tr>
<tr>
<td>THEA 011A</td>
<td>Script Analysis: Classical</td>
</tr>
<tr>
<td>THEA 011B</td>
<td>Script Analysis: Modern Realism</td>
</tr>
</tbody>
</table>
### General Education

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>THEA 011C</td>
<td>Script Analysis: Contemporary / Absurdist</td>
</tr>
<tr>
<td>THEA 012</td>
<td>Survey of Musical Theater</td>
</tr>
<tr>
<td>THEA 013</td>
<td>Multicultural Theater</td>
</tr>
<tr>
<td>THEA 014A</td>
<td>Survey of Film: Horror &amp; Science Fiction</td>
</tr>
<tr>
<td>THEA 014B</td>
<td>Survey of Film: Westerns and Musicals</td>
</tr>
<tr>
<td>THEA 014C</td>
<td>Survey of Film: Gangster &amp; Detective Films</td>
</tr>
<tr>
<td>THEA 014D</td>
<td>Survey of Film: Superhero Cinema</td>
</tr>
<tr>
<td>THEA 014E</td>
<td>Survey of Film: The Star Wars Trilogies</td>
</tr>
<tr>
<td>THEA 015</td>
<td>Introduction to Film Studies</td>
</tr>
<tr>
<td>THEA 016</td>
<td>American Cinema</td>
</tr>
<tr>
<td>WGQS 002</td>
<td>Women in the Arts: Multicultural Perspectives</td>
</tr>
<tr>
<td>WGQS 004A</td>
<td>Women in World Cultures**</td>
</tr>
</tbody>
</table>

Courses indicated by (**) may be used to meet one area requirement only.

### Group 3B: Humanities Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ASLA 60B</td>
<td>American Sign Language II (5)</td>
</tr>
<tr>
<td>ENGL 005A</td>
<td>Survey of English Literature</td>
</tr>
<tr>
<td>ENGL 005B</td>
<td>Survey of English Literature 2</td>
</tr>
<tr>
<td>ENGL 006A</td>
<td>World Literature</td>
</tr>
<tr>
<td>ENGL 006AH</td>
<td>Honors World Literature</td>
</tr>
<tr>
<td>ENGL 006B</td>
<td>World Literature 2</td>
</tr>
<tr>
<td>ENGL 006BH</td>
<td>Honors World Literature 2</td>
</tr>
<tr>
<td>ENGL 007A</td>
<td>American Literature 1</td>
</tr>
<tr>
<td>ENGL 007B</td>
<td>American Literature 2</td>
</tr>
<tr>
<td>ENGL 010</td>
<td>Children's Literature</td>
</tr>
<tr>
<td>ENGL 012</td>
<td>African American Literature (Same as ETHN 012)</td>
</tr>
<tr>
<td>ENGL 012H</td>
<td>Honors African American Literature (Same as ETHN 012H)</td>
</tr>
<tr>
<td>ENGL 013</td>
<td>U.S. Latino Literature (Same as ETHN 013)</td>
</tr>
<tr>
<td>ENGL 013H</td>
<td>Honors U.S. Latino Literature (Same as ETHN 013H)</td>
</tr>
<tr>
<td>ENGL 018</td>
<td>Asian American Literature (Same as ETHN 018)</td>
</tr>
<tr>
<td>ENGL 018H</td>
<td>Honors Asian American Literature</td>
</tr>
<tr>
<td>ENGL 041</td>
<td>Literature &amp; Film</td>
</tr>
<tr>
<td>ENGL 041H</td>
<td>Honors Literature &amp; Film</td>
</tr>
<tr>
<td>ENGL 043</td>
<td>Classical Mythology</td>
</tr>
<tr>
<td>ENGL 043H</td>
<td>Honors Classical Mythology</td>
</tr>
<tr>
<td>ENGL 044</td>
<td>Bible as Literature</td>
</tr>
<tr>
<td>ENGL 046</td>
<td>Contemporary American Multi-Cultural Literature</td>
</tr>
<tr>
<td>ENGL 046H</td>
<td>Honors Contemporary American Multi-Cultural Literature</td>
</tr>
<tr>
<td>ENGL 047</td>
<td>Introduction to Poetry</td>
</tr>
<tr>
<td>Course Number</td>
<td>Course Title</td>
</tr>
<tr>
<td>---------------</td>
<td>--------------</td>
</tr>
<tr>
<td>ENGL 047H</td>
<td>Honors Introduction to Poetry</td>
</tr>
<tr>
<td>ENGL 048</td>
<td>Introduction to Shakespeare</td>
</tr>
<tr>
<td>ENGL 048H</td>
<td>Honors Introduction to Shakespeare</td>
</tr>
<tr>
<td>ENGL 049</td>
<td>Modern Fiction</td>
</tr>
<tr>
<td>ENGL 049H</td>
<td>Honors Modern Fiction</td>
</tr>
<tr>
<td>ETHN 001</td>
<td>Introduction to Ethnic and Social Justice Studies (Same as SJST 001)**</td>
</tr>
<tr>
<td>ETHN 012</td>
<td>African American Literature (Same as ENGL 012)</td>
</tr>
<tr>
<td>ETHN 012H</td>
<td>Honors African American Literature (Same as ENGL 012H)</td>
</tr>
<tr>
<td>ETHN 013</td>
<td>U.S. Latino Literature (Same as ENGL 013)</td>
</tr>
<tr>
<td>ETHN 013H</td>
<td>Honors U.S. Latino Literature (Same as ENGL 013H)</td>
</tr>
<tr>
<td>ETHN 018</td>
<td>Asian American Literature (Same as ENGL 018)</td>
</tr>
<tr>
<td>FRNC 001B</td>
<td>Beginning French (5)</td>
</tr>
<tr>
<td>FRNC 002A</td>
<td>Intermediate French (5)</td>
</tr>
<tr>
<td>FRNC 002B</td>
<td>Intermediate French (5)</td>
</tr>
<tr>
<td>FRNC 003A</td>
<td>Advanced French Oral &amp; Written Composition (5)</td>
</tr>
<tr>
<td>FRNC 003B</td>
<td>Advanced French Oral &amp; Written Composition (5)</td>
</tr>
<tr>
<td>GERM 001B</td>
<td>Beginning German (5)</td>
</tr>
<tr>
<td>GERM 002A</td>
<td>Intermediate German (5)</td>
</tr>
<tr>
<td>GERM 002B</td>
<td>Intermediate German (5)</td>
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<tr>
<td>HIST 004A</td>
<td>Western Civilizations I: Prehistory to 1500 CE**</td>
</tr>
<tr>
<td>HIST 004B</td>
<td>Western Civilizations II: 1500 CE to Present**</td>
</tr>
<tr>
<td>HIST 005A</td>
<td>World History I: Prehistory to 1500**</td>
</tr>
<tr>
<td>HIST 005B</td>
<td>World History from 1500**</td>
</tr>
<tr>
<td>HIST 012</td>
<td>African American History**</td>
</tr>
<tr>
<td>HIST 014</td>
<td>History of the Native North Americans**</td>
</tr>
<tr>
<td>HIST 016</td>
<td>Mexican-American History**</td>
</tr>
<tr>
<td>HIST 017A</td>
<td>United States History**</td>
</tr>
<tr>
<td>HIST 017B</td>
<td>United States History**</td>
</tr>
<tr>
<td>HIST 017BH</td>
<td>Honors United States History**</td>
</tr>
<tr>
<td>HIST 020</td>
<td>History &amp; Geography of California**</td>
</tr>
<tr>
<td>HUMN 001A</td>
<td>Human Values in &amp; from the Arts – the Ancient World to the Early Renaissance</td>
</tr>
<tr>
<td>HUMN 001B</td>
<td>Human Values in and from the Arts – the Renaissance to the Modern Age</td>
</tr>
<tr>
<td>ITAL 001B</td>
<td>Beginning Italian (5)</td>
</tr>
<tr>
<td>ITAL 002B</td>
<td>Intermediate Italian (5)</td>
</tr>
<tr>
<td>JPNS 001B</td>
<td>Beginning Japanese (5)</td>
</tr>
<tr>
<td>PHIL 001</td>
<td>Beginning Japanese (5)</td>
</tr>
<tr>
<td>PHIL 004</td>
<td>Comparative Religions</td>
</tr>
<tr>
<td>PHIL 005</td>
<td>Introduction to Social and Political Philosophy</td>
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### General Education

<table>
<thead>
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<th>Course Title</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>PHIL 021</td>
<td>World Philosophers on Death and the Good Life</td>
<td></td>
</tr>
<tr>
<td>PHIL 022</td>
<td>Philosophy of Religion</td>
<td></td>
</tr>
<tr>
<td>SJST 001</td>
<td>Introduction to Ethnic and Social Justice Studies (Same as ETHN 001)**</td>
<td></td>
</tr>
<tr>
<td>SPAN 001B</td>
<td>Beginning Spanish (5)</td>
<td></td>
</tr>
<tr>
<td>SPAN 002A</td>
<td>Intermediate Spanish (5)</td>
<td></td>
</tr>
<tr>
<td>SPAN 002B</td>
<td>Intermediate Spanish (5)</td>
<td></td>
</tr>
<tr>
<td>SPAN 003A</td>
<td>Advanced Spanish Oral &amp; Written Composition (5)</td>
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<td>SPAN 003B</td>
<td>Advanced Spanish Oral &amp; Written Composition (5)</td>
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<tr>
<td>THEA 013</td>
<td>Multicultural Theater</td>
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<tr>
<td>WGQS 002</td>
<td>Women in the Arts: Multicultural Perspectives</td>
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<tr>
<td>WGQS 004A</td>
<td>Women in World Cultures**</td>
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</tbody>
</table>

### Additional Group 3A or 3B Course

Choose additional course from 3A or 3B (may be deferred for BIOL AS-T majors)

### Area 4: Social and Behavioral Sciences

**Requirement:** 3 courses, 9 semester/12-15 quarter units

Complete at least three courses from at least two disciplines. Biology AS-T majors can defer 1 course until after transfer.

#### Area 4 Courses

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<tr>
<th>Course Number</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ANTH 002</td>
<td>Introduction to Archeology</td>
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<tr>
<td>ANTH 003</td>
<td>Introduction to Cultural Anthropology</td>
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<tr>
<td>ANTH 003H</td>
<td>Honors Introduction to Cultural Anthropology</td>
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<tr>
<td>ANTH 004</td>
<td>Introduction to Linguistic Anthropology</td>
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<tr>
<td>ANTH 055</td>
<td>Anthropology of Magic, Witchcraft, and Religion</td>
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<td>CHST 002</td>
<td>Child Growth and Development</td>
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<td>CHST 005</td>
<td>Diversity – Childhood and Culture</td>
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<td>Child, Family and Community</td>
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<td>COMM 012</td>
<td>Intercultural Communication</td>
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<td>ENTH 001</td>
<td>Introduction to Ethnic and Social Justice Studies (Same as SJST 001)**</td>
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<td>GEOG 002</td>
<td>Introduction to Cultural Geography</td>
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<td>GEOG 006</td>
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<td>HSCI 008</td>
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<td>HSCI 014</td>
<td>Concepts of Public Health and Society</td>
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<td>HIST 004A</td>
<td>Western Civilizations I: Prehistory to 1500 CE**</td>
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<td>Western Civilizations II: 1500 CE to Present**</td>
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<td>World History I: Prehistory to 1500**</td>
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<td>African American History**</td>
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<td>History of the Native North Americans**</td>
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<td>Mexican-American History**</td>
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<td>History and Geography of California**</td>
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**Area 5: Physical and Biological Sciences**

**Requirement:** 2 courses, 7-9 semester/9-12 quarter units
General Education

Complete one course from the Biological Sciences and one from the Physical Sciences. One of the two courses must have a lab. Labs are indicated with an "X" in Lab column.

* UC Transfer credit is limited for SCIENCE courses. See limitation information for the specific department on credit course listing in assist.org.

**Group 5A: Physical Sciences**

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<td>ASTR 011</td>
<td>Stellar Astronomy</td>
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<td>ASTR 014</td>
<td>Life in the Universe</td>
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<td>ASTR 021</td>
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<td>General Chemistry (5/ea)*</td>
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<td>Introductory Chemistry (4)</td>
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<td>CHEM 012A, 012B</td>
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<td>CHEM 030A, 030B</td>
<td>Fundamentals of Chemistry (4/ea)</td>
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<td>Intro Physical Geography</td>
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<td>PHYS 001</td>
<td>Introduction to Physics Problem Solving</td>
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<td>PHYS 002B</td>
<td>General Physics – Electricity &amp; Magnetism (5)*</td>
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<td>Engineering Physics – Mechanics (5)*</td>
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<td>PHYS 004B</td>
<td>Engineering Physics – Electricity &amp; Magnetism (5)*</td>
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<td>PHYS 004C</td>
<td>Engineering Physics – Light, Heat, and Waves (5)*</td>
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<td>Conceptual Introduction to Physics (4)</td>
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**Group 5B: Life Sciences**

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<td>ANTH 001</td>
<td>Introduction to Physical Anthropology</td>
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<td>BIOL 002</td>
<td>Environmental Biology</td>
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<tr>
<td>BIOL 010 + 010L</td>
<td>Introduction to Biology + Laboratory (4)</td>
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<td>BIOL 011</td>
<td>Human Biology (4)</td>
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<td>Introduction to Ecology and Wildlife (4)</td>
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<tr>
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<td>BIOL 013</td>
<td>Natural History of California</td>
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<tr>
<td>BIOL 014</td>
<td>California Plants and Animals (4)</td>
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<td>BIOL 018</td>
<td>Marine Biology (4)</td>
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<td>BIOL 022</td>
<td>Genetics (4)</td>
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<td>BIOL 023</td>
<td>Introduction to Infectious Diseases</td>
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<td>BIOL 024</td>
<td>Bio in the News</td>
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<td>BIOL 035</td>
<td>Biology of Birds (4)</td>
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<tr>
<td>BIOL 036</td>
<td>Animal Behavior</td>
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<td>BIOL 037</td>
<td>Evolution – Life on Earth</td>
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<tr>
<td>BIOL 038</td>
<td>Biodiversity and Extinction: Hotspots, Crisis and Conservation</td>
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<td>Organismal Biology (4)</td>
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<td>Principles of Animal Biology (5)*</td>
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<td>BIOL 042</td>
<td>Principles of Plant Biology (5)*</td>
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<td>BIOL 043</td>
<td>Principles of Cell Biology (5)*</td>
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<td>BIOL 045</td>
<td>Microbiology (5)*</td>
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<td>BIOL 047</td>
<td>Human Anatomy (5)*</td>
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<td>BIOL 048</td>
<td>Human Physiology (5)*</td>
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<td>BIOL 055</td>
<td>Biology of Sex</td>
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<td>BIOL 056</td>
<td>Ecology of the Sierra Nevada</td>
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<td>BIOL 058</td>
<td>Field Ecology</td>
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<td>BIOL 059</td>
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<td>PSYC 002</td>
<td>Experimental Psychophysiology (4)</td>
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<tr>
<td>PSYC 007</td>
<td>Physiological Psychology</td>
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</table>

**Group 5C: Laboratory Requirement**

BIOL 002L, 050 or one of the selected science courses from above must be a laboratory course.

* UC Transfer credit is limited for SCIENCE courses. See limitation information for the specific department on credit course listing in assist.org.

**Area 6: Language Other Than English**

**UC IGETC Requirement Only**

Biology AS-T majors can defer Area 6 until after transfer.

Proficiency equivalent to two years of high school study in the same language with a grade of “C” or better OR completion of one of the following (Student must present documentation to show proficiency):

1. ASLA 060A, FRNC 001A, GERM 001A, ITAL 001A, JPNS 001A, SPAN 001A, or other first level language course or higher
2. A score of 3 or higher on the Foreign Language AP Exam or 5 or higher on the IB HL Exam
3. Satisfactory score on the SAT II: Subject Test in languages other than English
4. Satisfactory completion of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English.
5. Verified competency by a California Community College (CCC), California State University (CSU) or University of California (UC) faculty member. IGETC LOTE Certification Form required. (LOTE: Language Other than English)

**COURSE IDENTIFICATION NUMBERING SYSTEM (C-ID)**

The Course Identification Numbering System (C-ID) is a statewide numbering system independent from the course numbers assigned by local California community colleges. A C-ID number next to a course signals that participating California colleges and universities have determined that courses offered by other California community colleges are comparable in content and scope to courses offered on their own campuses, regardless of their unique titles or local course number. Thus, if a schedule of classes or catalog lists a course bearing a C-ID number, for example COMM 110, students at that college can be assured that it will be accepted in lieu of a course bearing the C-ID COMM 110 designation at another community college. In other words, the C-ID designation can be used to identify comparable courses at different community colleges. However, students should always go to http://www.assist.org/ to confirm how each
General Education

college's course will be accepted at a particular CSU or UC for transfer credit. For private and out of state university guidance, consult with a counselor or review the four-year universities website for transfer/articulation details.

The C-ID numbering system is useful for students attending more than one community college and is applied to many of the transferable courses students need as preparation for transfer. Because these course requirements may change and because courses may be modified and qualified for or deleted from the C-ID database, students should always check with a counselor to determine how C-ID designated courses fit into their educational plans for transfer. Students may consult the C-ID database at www.c-id.net for specific information on C-ID course designations. Counselors can always help students interpret or explain this information.

The following is a list of West Valley College courses with C-ID designation approval as of July 2022. For a regularly updated list, please go to www.c-id.net, select courses, then select search. When searching, make sure to select California Community Colleges under the college type, then select West Valley College and courses could be searched by discipline or C-ID number. This list will be updated regularly as courses receive approval for C-ID designation.

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TRANSFER

West Valley College is committed to creating partnerships with college and universities to ensure a smooth transfer experience. Many of our partners fall into three categories: California State Universities, Universities of California, and Private/Out of State Universities. Students are strongly encouraged to visit the Transfer and Counseling Center their first year so they can become familiar with resources available. It is important to plan carefully by selecting classes that satisfy both the lower division general education and major requirements. We recommend that students work with a counselor regularly to get step-by-step updated transfer information and guidance. Website: https://www.westvalley.edu/services/transfer/

Transfer Credit

Many students who plan to earn a university degree find it to their advantage to complete their lower division course work at a California community college. Each college offers a full program of courses approved for transfer. A student may earn 105 quarter or 70 semester units toward a university degree at an accredited two-year college. If a student earns more units than that, the university may give subject credit for the additional courses taken. Some campuses have further restrictions regarding the acceptance of transfer credit. Information regarding transfer programs is available in the Transfer Center, which is located in the Counseling Center, and from the catalog of the intended transfer institution. Consult a counselor for prerequisites and recommended subjects.

General Education Certification for Transfer Students

Careful educational planning will enable students to complete their general education requirements for transfer. "Certification" or “Partial Certification” may be requested on a Transcript Request Form available in the Admissions and Records Office.

Articulation Agreements

Articulation agreements detail an agreement between schools. These details include course equivalencies, major preparation, and transfer pathways. Student seeking information on course/major articulation agreements between West Valley College and either the California State University (CSU) or University of California (UC) can find these details at www.assist.org. Articulation agreements to private or out-of-state universities are typically found on the university's website. A list of current partners where agreements are established can be found on the West Valley College articulation website https://www.westvalley.edu/services/articulation/.

CALIFORNIA STATE UNIVERSITY (CSU)

California State University (CSU)

Bakersfield, Chico, Channel Islands, Dominguez Hills, Fresno, Fullerton, East Bay, Humboldt, Long Beach, Los Angeles, Maritime Academy, Monterey Bay, Northridge, Cal Poly Pomona, Sacramento, San Bernardino, San Diego, San Francisco, San Jose, Cal Poly San Luis Obispo, San Marcos, Sonoma, Stanislaus

Students who plan to earn a bachelor's degree from a California State University campus, benefit from completing their freshman and sophomore, or lower division work at a California Community College. Although a student may apply to transfer once eligibility criteria has been met, students may earn up to 70 semester units toward a CSU degree at an accredited California Community College.

CSU Transfer Student Admission Eligibility - West Valley College students interested in transferring to the CSU system can transfer one of three ways:

• Associate Degree for Transfer - An Associate Degree for Transfer (ADT) is a guaranteed pathway for transfer into the California State University (CSU) system. After earning an Associate of Arts for Transfer (AA-T) or Associate of Science for Transfer (AS-T) degree, students will be guaranteed admission to a CSU campus with junior standing. While admission to a student's campus of choice is not guaranteed, students will be given priority consideration for admission to any CSU campus that offers a program that has been designated as “similar” by CSU. For more information, refer to the Associate Degree for Transfer section in this catalog. If you have been awarded or are pursuing an AA-T or AS-T degree from your California Community College and wish to transfer to the California State University, you must:
  • have earned or be completing an approved Associate Degree for Transfer (AA-T or AS-T) at the time you apply;
  • have completed a minimum of 18 semester or 27 quarter units in a major or area of emphasis and an approved set of general education requirements (CSU GE-Breadth or IGETC);
  • submit your application for admission to CSU campuses for an open term by the published deadline;
  • submit all requested transcripts and documents by published deadlines;
  • meet CSU admission eligibility requirements for the programs to which you are applying; and
  • comply with any other prescribed admission requirements.

Upper Division Transfer - If you will have at least 60 semester or 90 quarter transferable units completed by the time you enter a CSU, you are considered an upper-division transfer applicant. To be admitted to the California State University as an upper-division transfer (UDT) student, you must:
  • have completed a minimum of 60 semester or 90 quarter units of transferable coursework;
  • have an overall college GPA of at least 2.00; your GPA is calculated using all your transfer units attempted. In high-demand majors and campuses, a GPA of 2.00 may not be sufficient to be admitted;
  • be in good standing at the last college or university attended. In simple terms, “good standing” means you are eligible to re-enroll at your last college or university;
  • have completed a minimum of 10 general education courses (30 semester units or 45 quarter units) of basic skills courses, with a grade of C or better, and, specifically, the “golden four” (Oral Communication, Written Communication, Critical Thinking, Quantitative Reasoning; refer to CSU GE Breadth/IGETC for course options).

Lower Division Transfer - Due to enrollment demands, most CSU campuses restrict or prohibit the admission of lower-division transfer (LDT) students who have earned fewer than 60 transferable semester units (90 quarter units). Requirement for LDT are as follows:
  • have completed “a-g” course requirements in high school;
  • have graduated from high school (received a high school diploma or General Educational Development, or GED, certificate);
  • meet the Eligibility Index required of a first-time freshman;
  • have achieved an overall college GPA of at least 2.00 (This GPA is calculated using all your transfer units attempted. In case of high-demand majors and campuses, a GPA of 2.00 may not be sufficient to be admitted);
  • be in good standing at the last college or university you attended. (In simple terms, “good standing” means you are eligible to re-enroll at your last college or university); and
  • have completed, with a grade of C or better, a course in GE Section A2 in written communication and a course in GE section B4 in mathematics or quantitative reasoning.

Website: https://www.westvalley.edu/services/transfer/
UNIVERSITY OF CALIFORNIA (UC)
Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, Santa Barbara, Santa Cruz

Admission Requirements Admission Requirements
The following summary of admission requirements and procedures is designed to assist the student in the application process. For a more detailed description of the courses required for admission, a counselor or a university representative should be consulted. The very best way to transfer is with a (TAG) Transfer Admission Guarantee.

Transfer Admission Guarantee (TAG)
West Valley College participates in "Transfer Admission Guarantee (TAG)," which guarantee qualifying students admission to one of the six participating campuses of the University of California. To be eligible, students must have completed a minimum number of transferable units and have a grade point average that meets the acceptable admission requirements at the university of their choice. The six participating universities are UC Davis, UC Irvine, UC Merced, UC Riverside, UC Santa Barbara, and UC Santa Cruz. Each university specifies eligible programs a student may pursue through TAG as well as detail minimum requirements in fulfilling these agreements. For more information and/or to apply for a Transfer Admission Guarantee, the student should contact a counselor or the Transfer Center. For more details refer to the UC Admission Website: https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/transfer-admission-guarantee-tag.html

UC Transfer Student Admission Eligibility
The most common transfer route to the University of California is as an upper division transfer applicant from a community college. For specific eligibility transfer index, general education and major preparation courses, consult with a counselor AND go to https://assist.org/. The minimum transfer requirements are:

• Complete 90 quarter units or 60 semester units of UC transferable college credit with a grade point average of at least 2.4. A higher G.P.A. is strongly recommended by most UC campuses to be competitive. No more than 14 semester units of the 60 semester units can be taken Pass/No Pass.
• Complete a course pattern requirement to include:
  • two transferable college courses (3 semester or 4-5 quarter units each) in English composition; and
  • one transferable college course (3 semester of 4-5 quarter units) in mathematical concepts and quantitative reasoning; and
  • four transferable college courses (3 semester or 4-5 quarter units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, the physical and biological sciences. Students who satisfy the Intersegmental General Education Transfer Curriculum (IGETC) prior to transferring to most UC campuses will satisfy the option above.

Nonresidents
The minimum admission requirements for nonresident UC transfer applicants are the same as those for residents except that nonresidents must have a grade point average of 2.8 or higher in all transferable college coursework.

UC Transfer Pathway, Pathways+, & the UC Transfer Pathway (UCTP) Associate Degree
UC Transfer Pathway – The University of California system has developed roadmaps to the most sought-after majors. The pathways guide help students gain a competitive edge across the UC system. Review the UC Admissions website for more details: https://admission.universityofcalifornia.edu/admission-requirements/transferrequirements/transfer-pathways/
Pathways+ – Once a UC Transfer Pathway is identified, complete the required major preparatory courses while you are at West Valley College. Then, you will need to see if your intended campus offers Transfer Admission Guarantee. Keep in mind that GPA and UC minimum requirements to be eligible. These details can be found on the UC Admissions website: https://admission.universityofcalifornia.edu/admission-requirements/transferrequirements/pathways-plus.html
UCTP Associate Degree – The UCTP Associate's Degree in Chemistry and Physics is an extension of Pathways+. Similarly to Pathways+, securing guaranteed admission in Chemistry or Physics, students must:

• Complete the Transfer Pathway,
• Meet or exceed the required campus-based TAG GPA (campuses vary in a range of 2.8 - 3.4 GPA minimums)
• Submit a TAG application by September 30, and
• Apply for admission by November 30.

Students completing one of these degrees has completed lower division preparation in the major of physics or chemistry, should be able to graduate within two years attending at full time status, and is guaranteed admission to the UC system with a minimum 3.5 GPA. Similar to Associate Degrees for Transfer created for the CSU system, guaranteed admission is to the system, not an individual campus.

HONORS UNIVERSITY TRANSFER PROGRAM
The Honors University Transfer Program provides highly motivated students the opportunity to work closely with instructors and other motivated students in advanced levels of critical thinking, analysis, research, writing, and communication. The goal of the Program is to engage, support, and challenge selfmotivated students to pursue a deeper education, enabling them to create opportunities for success in both their personal and professional lives. Honors courses offer enriched educational experiences through our Honors faculty, challenging coursework, typically smaller class sizes, and the opportunity to study with other highly motivated students. Learn more and apply here: https://www.westvalley.edu/learning-communities/honors/

Eligibility, Maintenance, & Completion
New and current students that meet the following criteria are encouraged to apply:

• Current WVC Student Qualification:
  • Earn a GPA of 3.25 or high in at least 9 units of transferable coursework
  • High School Student Qualification:
    • Earn a high school cumulative GPA of 3.5

To maintain active membership in the program, students must maintain a 3.25 cumulative GPA or higher. We recommend that students complete at least 2 honors classes each academic year. Successful completion of the program will require each student to complete 15 units of honors coursework with a cumulative GPA of 3.25 or better. There is no adverse consequence if you do not complete the 15 honors units.

Program Benefits
Students who complete the program will receive a special Honors Graduation Medal during commencement as well as a Permanent Notation on your Academic Transcript that you are an Honor Program Graduate. The honors program has special partnerships with a range of four-year universities that
provide advantages in the application and scholarship process. Most notably, our partnership with UCLA’s Transfer Alliance Program significantly increases admission to UCLA College of Letters and Sciences (continue reading for more details). Other partnerships can be found on the honors program web page: https://www.westvalley.edu/learning-communities/honors/ UCLA Transfer Alliance Program (TAP) - Students who complete the Honors Program at West Valley College receive priority consideration for admission to UCLA College of Letters and Science. Admitted TAP students are also eligible to apply for scholarships reserved for the Transfer Alliance Program. Students are advised to contact the Honors Program Coordinator to discuss eligibility and participation. Learn more about the UCLA TAP at: http://tap.ucla.edu.

PRIVATE & OUT OF STATE
West Valley College is growing our partnerships with universities within and outside of California. Our partners have identified a range of articulation agreements that include acceptance of transfer general education, agreements for students who complete Associate Degrees for Transfer, as well as specific course to course agreements that will support each students’ pathway to achieving their academic goals. As this section highlights opportunities with a few out of state universities, a list of current university partners in and out of state can be found on the articulation website: https://www.westvalley.edu/services/articulation/.

University of Hawaii at Manoa – Aloha Pathways
West Valley College offers an articulation agreement that provides students the opportunity to guarantee their transfer to the College of Social Sciences at University of Hawaii at Manoa. WVC students need to successfully complete one of the 14 degree pathways below to earn guaranteed admission with junior standing.

### Associate Degrees for Transfer

<table>
<thead>
<tr>
<th>West Valley College Major</th>
<th>UH Manoa Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sociology</td>
<td>Sociology</td>
</tr>
<tr>
<td>Social Justice</td>
<td>Ethnic Studies, Sociology, or Women's Studies</td>
</tr>
<tr>
<td>Psychology</td>
<td>Psychology</td>
</tr>
<tr>
<td>Political Science</td>
<td>Political Science</td>
</tr>
<tr>
<td>Geography</td>
<td>Geography</td>
</tr>
<tr>
<td>Economics</td>
<td>Economics</td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>Sociology</td>
</tr>
<tr>
<td>Communication Studies</td>
<td>Journalism, or Communicology</td>
</tr>
<tr>
<td>Child &amp; Adolescent Development</td>
<td>Sociology, or Pre-Psychology</td>
</tr>
<tr>
<td>Business Administration</td>
<td>Economics</td>
</tr>
<tr>
<td>Anthropology</td>
<td>Anthropology</td>
</tr>
<tr>
<td>Administration of Justice</td>
<td>Sociology, or Women's Studies</td>
</tr>
</tbody>
</table>

### Associate Degrees

<table>
<thead>
<tr>
<th>West Valley College Major</th>
<th>UH Manoa Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liberal Arts</td>
<td>Selected Social Science Majors</td>
</tr>
<tr>
<td>Park Management</td>
<td>Geography</td>
</tr>
</tbody>
</table>

*Note: Additional General Education units may be required and students may be admitted prior to achieving junior standing*

Qualifying students may also be eligible to participate in the Western Undergraduate Exchange tuition program, which provides a significant tuition discount (150% of in-state tuition), making the cost of room and board at UHM equivalent to room and board at San Jose State University. For more information, please visit: http://westvalley.edu/services/academic-success/transfercenter/uh-manoa.html

Historically Black Colleges and Universities
West Valley College offers a guaranteed transfer pathway to nine historically black colleges and universities. Historically black colleges and universities were established primarily to serve the higher education needs of the black community, however they are open to students of any ethnicity. Students with a 2.5 GPA or higher are guaranteed admission to HBCU partner schools using either of the following two options: (1) complete a minimum of 30 transferable units or (2) completing a transfer level-associate degree (ADT). For more information, please visit: https://ccctransfer.org/hbcu/
CAREER PROGRAMS

Credit Degrees and Certificates
Career programs are developed by the College in close cooperation with advisory committees composed of representatives from business, industry and the College. These advisory committees review course content to make certain that the instruction and curriculum provide current skills, and recommendations are made to update the curriculum. In this manner, students in these programs receive the most current information and skills to prepare them for employment in their chosen field. West Valley College offers programs leading to an Associate of Science Degree or Associate of Arts Degree and programs leading to a Certificate of Achievement. Frequently a student’s educational goal will change. The College recognizes the mobility within our society and the necessity of changing education needs and goals. Certificate programs require completion of a series of career-oriented courses. Typically, students who seek certificates wish to complete a career program as quickly as possible to obtain employment. Many students complete the requirements for the certificate, attain employment, and return to West Valley College to complete the additional general education requirements for an Associate of Science degree. All degree and certificate programs require a “C” grade or better in all major required courses.

Certificate Recognition at Graduation
Students earning a certificate of achievement approved by the California Community College State Chancellors Office will be included in the graduation ceremony.

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COOPERATIVE WORK EXPERIENCE COURSES

Cooperative work experience courses include general work experience courses and occupational work experience courses. General work experience education is supervised employment intended to assist students in acquiring desirable work habits, attitudes, and career awareness. The work experience does not need to be related to the student's specific educational goals. In contrast, occupational work experience education is supervised employment where on-the-job learning relates to the student's specific educational or occupational goals. Student must not exceed the limit of 16 semester units of general and occupational work experience combined.

Occupational Work Experiences Courses:

ADMJ 043
CHST 035A
CTRP 044
ELED 020A
FDAT 084
HTCH 054A
INTD 090A
INTD 090B
INTD 090C
INTD 090D
PARA 029B
PMGT 020B
WRKX 303

Cooperative work experience courses are not designated as repeatable. However, students may petition to repeat occupational work experience courses to the Office of Admissions and Records. The Office of Admissions and Records may grant the request if the following conditions are met:

- the student has not exceeded the limit of 16 semester units of general and occupational work experience combined,
- the district only offers one course in a given occupational work experience field,
- the one course offered is not offered as a variable unit open-entry/openexit course,
- the student does not exceed the maximum of eight units earned in one enrollment period in occupational work experience education.

General Work Experience Course:

WRKX 302G

In addition to not exceeding the limit of 16 semester units of general and occupational work experience combined, a maximum of six units may be earned during one enrollment period in general work experience education. Students are not allowed to repeat general work experience courses. However, if the student received a substandard grade in a general work experience course, the student may be permitted to enroll again in the same course to alleviate that grade.
COURSE INFORMATION

Explanation of Prerequisites and Corequisites

A PREREQUISITE is a course or skill which is required before you can enroll in a particular course. For example, Chemistry 001A with a grade of C or credit or better is required before Chemistry 001B. If you successfully completed a prerequisite course at WVC, you will be eligible to enroll in the subsequent course as stated in the Catalog and Schedule of Classes. If you are currently enrolled in a prerequisite course, you may enroll now in the subsequent course for next semester. If you do not pass your current course and it is a prerequisite for the course in which you registered, you will be dropped from the course and your fees will be automatically refunded. A COREQUISITE is a course which you must take at the same time as another course as a condition of enrollment. For example, if you want to take ECON 001A you must concurrently register in ECON 002A. You may not be permitted to enroll in a class for which you cannot demonstrate you have met the prerequisite or are enrolled in the corequisite. If you are blocked from enrolling in a class on this basis, contact the Assessment Office for information on equivalencies and challenges.

RECOMMENDED COURSE PREPARATION

These recommendations are important because college level courses which apply to the AA/AS and AA-T/AS-T degrees require that you be able to:

• Study independently
• Read college level texts
• Think critically
• Write essays at a college level

Pre- or Corequisite Clearance Process

Clearance of a pre- or corequisite requires documentation that verifies previous course completion or skill level attained to register for a specific class. A “C” or better grade is required to clear pre- or corequisites. Unofficial transcripts are used for clearing prerequisites and are not kept on file at the college. Go to the Assessment office to clear the pre- or corequisite.

Challenge of Pre- or Corequisites

This challenge process is based on Title 5 regulations pertaining to prerequisites, corequisites and other limitations on enrollment. A copy of these regulations is located in the Office of Instruction and is available upon request. To support your challenge request, the following are examples of what documentation may be submitted. Requests are evaluated by the Challenge Review committee. There are specific requirements for English, Math, and Philosophy Departments (for more information go to westvalley.edu/assess)

• Copy of pertinent section(s) of the college catalog
• Copy of pertinent section(s) of the schedule of classes
• Copy of the course outline (available from the appropriate division office or the Office of Instruction)
• Copy of the course syllabus (available from the appropriate division office or the Office of Instruction)
• Copy of high school and/or college transcript
• Documentation of work or other related experience
• Doctor’s statement
• Personal written statement

Multiple and Overlapping Enrollments

Multiple Enrollments: Pursuant to Title 5, a student may not be enrolled in more than one section of a course in a given semester unless the length of the course provides that the student is not enrolled in more than one section at any given time.

Overlapping Enrollments: Students may not enroll in two or more courses where the meeting times for the courses overlap, unless the student provides a valid justification, other than scheduling convenience, of the need for an overlapping schedule that does not exceed 10% of class meeting time. The student makes up the overlapping hours at some other time during the same week under the supervision of the instructor of the course. The Chief Instructional Officer or designee approves and ensures the make-up is arranged.

COURSE REPETITIONS

It is the intention of the Governing Board that students shall have reasonable opportunity to repeat courses when such repetition furthers achievement of the student’s educational objectives and is in accordance with the provisions of the California Education Code. It is not, however, the intent of the Governing Board to allow students to repeat courses that have been successfully completed with a grade of A, B, C or P. Course repetition is permitted for substandard work, extenuating circumstances and/or significant lapse of time as described below. The courses listed below are repeatable under Title 5 regulations as follows:

Title 5 of the California Code of Education Section 55041. Repeatale Courses.

(a) Districts may only designate the following types of courses as repeatable:

(1) Courses for which repetition is necessary to meet the major requirements of CSU or UC for completion of a bachelor's degree. The governing board of a district must retain supporting documentation that verifies that the repetition is necessary to meet the major requirements of CSU or UC for completion of a bachelor's degree. The supporting documentation must be retained by the district as a Class 3 record basic to audit as required by section 59020 et seq.;

(2) Intercollegiate athletics, as defined in section 55000

Courses for which repetition is necessary to meet the major requirements of CSU or UC for completion of a Bachelor's Degree:

MUSC 039A Applied Music: Brass
MUSC 039B Applied Music: Woodwind
MUSC 039C Applied Music: Strings
MUSC 039D Applied Music: Percussion
MUSC 039E Applied Music: Piano
MUSC 039F Applied Music: Guitar
MUSC 039G Applied Music: Voice
MUSC 039H Applied Music: Commercial Music Production
MUSC 040 Chamber Singers
MUSC 042 Concert Choir
## Pre-collegiate Courses

Pre-collegiate courses are courses below transfer level.

**Basic skills** courses cover those foundation skills in reading, writing, mathematics, and English as a Second Language, as well as learning skills and study skills, which are necessary for students to succeed in college-level work.

A **support** course is an optional course that is associated with a degree-applicable course: It provides students with additional support so that they are more likely to successfully complete the associated course. A preparatory course to a target course is an optional course that provides students with an overview of the prerequisite skills with the goal of increasing the chances the student succeeds in that target course. Whereas a preparatory course should be completed before starting its target course, a support course and its associated degree-applicable course are to be taken simultaneously.

For **tutoring** courses, students are assigned to tutoring by a counselor or an instructor on the basis of an identified learning need.

A **degree-applicable** credit course is a course which has been designated as appropriate to the associate degree. The degree-applicable courses in the table are included in the general education/breadth requirements for A.A./A.S. degrees. *MATH 104, 105, 106, and 106R in the table are degree-applicable courses.

The State Legislature has imposed a restriction whereby students may enroll in a total of no more than 30 units of basic skills courses per Title 5, Section 55756(b). However, units earned in courses offered through the DESP (for students with a disability) or English as a Second Language Department are exempt from this limitation. In addition, all basic skills units in which a student is enrolled during a semester are exempt if the student is also enrolled in any disabled student services course.

Basic skills courses may not be used to satisfy requirements for an Associate Degree. For further information, contact Counseling Services.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Basic Skills Course</th>
<th>Support Course</th>
<th>Preparatory Course</th>
<th>Tutoring Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 099X</td>
<td>Supplemental English Composition</td>
<td>X</td>
<td></td>
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</tbody>
</table>

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**Substandard Work**

A student may repeat any course in which a substandard final grade (D, F or NP) was earned, or for which the student withdrew (W). If the course is offered at both colleges within the district, the student may repeat the course at either college. A course may be repeated only TWICE under this policy. If a student does not pass the same course twice (with an A, B, C, or P), he or she must submit an Academic Appeals petition in order to register for that class again. The student's permanent academic record shall contain all work attempted and depict a legible, true and complete academic history. In course repetition for substandard work the grade earned in the last enrollment shall be exclusively in determining the units attempted, completed and grade points earned. However, the original substandard grade will remain on official records, though annotated as a repeated course. No assurance can be provided that the repeated courses will be treated in this manner by other institutions.

**Extenuating Circumstances (for successfully completed courses)**

Students who have successfully completed a course but wish to repeat it, must submit a petition to the Academic Appeals Committee and provide substantial evidence of extenuating circumstances (i.e. verified case of accident, illness or other emergency situations) for granting such a repetition. Grades awarded for courses approved for such repetition shall not be included in calculating a student's grade point average.

**Course Families**

There are groupings of courses with similar content called “families” in the PE, Art, Theatre, and Music disciplines. West Valley and Mission College's family of courses are linked and students may only take 4 courses within a family whether the course is offered at West Valley or Mission College. Refer to the table in the online schedule, campus catalog or consult with a counselor to review the full list of “family” courses.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Basic Skills Course</th>
<th>Support Course</th>
<th>Preparatory Course</th>
<th>Tutoring Course</th>
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</thead>
<tbody>
<tr>
<td>ENGL 903</td>
<td>Basic Grammar and Sentence Structure</td>
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<td></td>
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<td>ENGL 905</td>
<td>English Fundamentals - A Preparatory Course</td>
<td>X</td>
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<tr>
<td>ENGL 905X</td>
<td>Accelerated English Fundamentals</td>
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<tr>
<td>ESLW 960</td>
<td>Foundations in ESL</td>
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<tr>
<td>ESLW 961GW</td>
<td>Basic Grammar and Writing 1</td>
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<tr>
<td>ESLW 961LS</td>
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<tr>
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<tr>
<td>ESLW 962RV</td>
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<td>ESLW 963GW</td>
<td>Sentence Development</td>
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<td>X</td>
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<td>Reading Fundamentals</td>
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</table>
MATH PROGRESSION CHART

Summer/Winter Bootcamps

MATH 903P Preparation for Elementary Algebra
MATH 106P Preparation for Math G and Intermediate Algebra
MATH 104R Geometry Review in Preparation for Math D and Math 2
MATH TMP1 Preparation for Math 1, D, 2, and 12
MATH TMP2 Preparation for Math 3A
NCMA 110 Preparation for Math 10

NOTES:
Bootcamp courses are designed to prepare students for their next semester long math course.

Non-STEM* Majors

10 / 10H Elementary Statistics
10C Optional Co-req
14 Math for Elem. School
G Math for Liberal Arts

Business Majors

12 Applied Calculus
12C Optional Co-req
10 / 10H Elementary Statistics
10C Optional Co-req

STEM* Majors

1C Pre-Calculus
3A Calculus I
D Trigonometry
1 Discrete Math
3B Calculus II
2 Pre-Calculus & Trig
4A Intermediate Calculus
4B Differential Equations
4C Linear Algebra

NON-STEM NOTES:
1) Since transfer requirements vary between UC, CSU and majors, students are strongly recommended to see a Counselor.
2) Noncredit Math 10 support class available.

CO-REQUISITE NOTE
Corequisites are additional academic and concurrent support recommended depending on the student’s background and needs. They are Pass/No Pass and not degree applicable.

BUSINESS NOTES:
1) For Business majors, the Math Department recommends taking Math 12 then Math 10, in that order.
2) Since transfer requirements vary between UC, CSU and majors, students are strongly recommended to see a Counselor.

STEM NOTES:
1) Any course with an arrow extending to another course is a pre-requisite for that course.
2) It is recommended to take Math 1 and then Math D, in that order, to prepare for Math 3A.
3) Math 2 combines Math 1 & D and is a reasonable option for strong math students.
4) It is recommended that students take Math 3A before Math 19.
5) Since transfer requirements vary, psychology and kinesiology students are strongly recommended to see a Counselor.

*STEM – disciplines of science, technology, psychology, kinesiology, engineering, and mathematics.
Not Sure Which English Class to Take?

Start with the online self-placement tool at https://web.wvm.edu/placement-tool-wv/

**ENGLISH PROGRESSION FLOWCHART**

A

ENGL 1A
(3 transferable units)
English Composition +
*ENGL 099X
(2 non-transferable units)
Supplemental English Composition

OR

ENGL 1B
(3 transferable units)
Critical Thinking Through Literature

ENGL 1C
(3 transferable units)
Critical Thinking and Writing

B

ENGL 1A
(3 transferable units)
English Composition

OR

ENGL 1B
(3 transferable units)
Critical Thinking Through Literature

ENGL 1C
(3 transferable units)
Critical Thinking and Writing

It’s recommended that students who plan to transfer start with English 1A, either with or without English 099X Supplemental English Composition (Track A or B).

If you are unsure of which pathway to take or you answer YES to any of the questions below, make an appointment to see a counselor for placement guidance (408)741-2009.
✓ Did you attend high school more than 10 years ago?
✓ Do you have AP, SAT, or CLEP scores?
✓ Do you have employment experience?
✓ Do you have military experience? Call a veteran’s counselor for an appointment (408) 741-2170.
✓ Did you take ESL classes?
✓ Did you have an IEP or 504 from High School? Call a DESP counselor for an appointment (408) 741-2010.

* Strongly recommended concurrent Support Class for students with a High School GPA below 1.9 and recommended for students with a High School GPA between 1.9 – 2.59.
ESL PROGRESSION FLOWCHART

English as a Second Language

Listening & Speaking
- ESLW 960 (6 Units)
  Foundations in ESL
- Level 1
  ESLW 961LS (4 Units)
  Basic Listening & Speaking 1
- Level 2
  ESLW 962LS (4 Units)
  Basic Listening & Speaking 2
- Level 3
  ESLW 963LS (4 Units)
  Oral Communication 1
- Level 4
  ESLW 964LS (4 Units)
  Oral Communication 2
- Level 5
  ESLW 65LS (4 Units)
  Academic Listening & Speaking

Grammar & Writing
- Multi-Skill
- Level 1
  ESLW 961GW (4 Units)
  Basic Grammar & Writing 1
- Level 2
  ESLW 962GW (3 Units)
  Basic Grammar & Writing 2
- Level 3
  ESLW 963GW (3 Units)
  Sentence Development
- Level 4
  ESLW 964GW (3 Units)
  Paragraph Development
- Level 5
  ESLW 65GW (4 Units)
  Composition in ESL

Reading & Vocabulary
- Level 1
  ESLW 961RV (4 Units)
  Basic Reading & Vocabulary 1
- Level 2
  ESLW 962RV (3 Units)
  Basic Reading & Vocabulary 2
- Level 3
  ESLW 963RV (3 Units)
  Intermediate Reading & Vocabulary 1
- Level 4
  ESLW 964RV (3 Units)
  Intermediate Reading & Vocabulary 2
- Level 5
  ESLW 65RV (3 Units)
  Academic Reading & Vocabulary
HOW TO READ COURSE DESCRIPTIONS

How to Read Course Descriptions

1. Subject
2. Course Number
3. Course Title
4. Course Description
5. Grading Options
6. Units
7. Lecture and Lab Hours
8. Necessary course and/or skills to take this class
9. Co-requisite must be taken at the same time
10. Recommended Course
11. Acceptable for credit to CSU and/or UC
12. General Education Areas met
13. Statewide course descriptor number

MATH 004A: Intermediate Calculus

This course covers vector-valued functions, calculus of functions of more than one variable, partial derivatives, differentials, gradients, Lagrange Multipliers, multiple integration, line integrals, surface integrals, Green's Theorem, Stokes' Theorem, and the Divergence theorem.

Letter Grade

Units: 5

Lecture Hours: 80 – 90, Lab Hours: 0

Prerequisites: MATH 003B
Co-Requisites: None
Advisory: None

Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning
C-ID: MATH 230 - Multivariable Calculus
ACADEMIC PROGRAMS

ACCOUNTING

Certificate

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<th>Award Type</th>
<th>Requirements</th>
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<tr>
<td>Accounting Clerk</td>
<td>Certificate of Achievement</td>
<td>16 units</td>
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ACADEMIC PROGRAMS: (Business Administration) For transfer information see assist.org and/or consult with a counselor.

Division
Che School of Professional Studies

Dean
Renee Paquier

Department Chair
Jim Henderson

Department Chair Phone
408-741-4609

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Department Co-Chair
Lance Shoemaker

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408-741-2436

Department Co-Chair Email
lance.shoemaker@westvalley.edu

Embedded Counselor Phone
408-741-4068

Embedded Counselor Email
maryam.fard@westvalley.edu

The Faculty
• Nancy Ghodrat
• Jim Henderson

ADMINISTRATION OF JUSTICE

Degrees

<table>
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<td>Administration of Justice</td>
<td>Associate in Science Degree for Transfer</td>
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<tr>
<td>Administration of Justice: Law Enforcement</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
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ADMINISTRATION OF JUSTICE (Justice Studies): Transfer For transfer information see assist.org and/or consult with a counselor.

Division
Che School of Professional Studies

Dean
Renee Paquier

Department Chair
Victor Castillo

Department Chair Phone
408-741-3071

Department Chair Email
victor.castillo@westvalley.edu
AMERICAN SIGN LANGUAGE
A first semester course in American Sign Language corresponds to two years of high school study.

WORLD LANGUAGES: For transfer information see assist.org and/or consult with a counselor

Division
School of Language Arts

Provost
Stacy Gleixner, Ph.D.

Department Chair
Silvia Castellini-Patel

Department Chair Phone
408-741-2076

Department Chair Email
silvia.castellini@westvalley.edu

Embedded Counselor Phone
408-741-2518

Embedded Counselor Email
alma.garcia@westvalley.edu

ANTHROPOLOGY

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<td>Associate in Arts Degree</td>
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<td>Anthropology</td>
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<td>60 units</td>
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ANTHROPOLOGY: For transfer information see assist.org and/or consult with a counselor.

Division
School of Social Science

Provost
Stacy Gleixner, Ph.D.

Department Chair
Andrew Kindon

Department Chair Phone
408-741-2554

Department Chair Email
andrew.kindon@westvalley.edu

Embedded Counselor Phone
408-741-2592

Embedded Counselor Email
jennifer.keh@westvalley.edu

The Faculty
• Andrew Kindon
ARCHITECTURE

Degrees and Certificates

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<td>Architecture</td>
<td>Associate in Science Degree</td>
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<td>Architecture</td>
<td>Certificate of Achievement</td>
<td>33 units</td>
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ARCHITECTURE: For transfer information see assist.org and/or consult with a counselor.

Division
Cilker School of Art and Design

Dean
Shannon Price

Department Chair
Diane Hurd

Department Chair Phone
408-741-2110

Department Chair Email
diane.hurd@westvalley.edu

Embedded Counselor Phone
408-741-2604

Embedded Counselor Email
geneva.leighton@westvalley.edu

The Faculty
- Dr. Soroush Ghahramani, Registered Architect, Italy; International Associate A.I.A.

Career Options
- Architect
- Landscape Architect
- Historic Preservation Architect
- Interior Designer
- Construction Manager
- Facilities Manager
- Graphic Designer
- Product Designer
- Specification Writer
- Structural Engineer
- Architectural Renderer

ART

The West Valley College Art Department offers a comprehensive curriculum of courses including art appreciation, art history, art history online, computer art and animation, two and three dimensional design, drawing, figure drawing, painting, ceramics, photography and sculpture. Art Department curriculum accommodates students with various goals and levels of experience. The Art Department faculty facilitates a supportive, creative learning environment where all students may explore their interests: transfer to four-year institutions and priority art schools or career options listed below. Instructional emphasis is placed on
- the fundamental principles of art;
- developing technical skills and good craftsmanship; and
- exploring creativity and self-expression.

Art students are given the opportunity to participate in scheduled exhibitions of student work in the West Valley College Art Gallery.

Degrees and Certificates

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<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
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<td>Studio Arts</td>
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<td>Art History</td>
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<td>Portfolio Development in Studio Arts</td>
<td>Certificate of Achievement</td>
<td>24 - 27 units</td>
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ART: For transfer information see assist.org and/or consult with a counselor.
Departments

Cilker School of Art and Design

Dean
Shannon Price

Department Chair
Mitra Fabian

Department Chair Phone
408-741-2517

Department Chair Email
mitra.fabian@westvalley.edu

Embedded Counselor Phone
408-741-2604

Embedded Counselor Email
geneva.leighton@westvalley.edu

The Faculty
• Kathy Arnold
• Heidi Brueckner
• Jason Challas
• Christopher Cryer
• Mitra Fabian
• Dan Fenstermacher
• Ron Guzman
• Cynthia Napoli-Abella Reiss

Career Options
• Art Conservator
• Art Criticism
• Art Curator
• Art Director
• Art Education/Teaching
• Art Librarian
• Art Publishing/Journalism
• Art Therapist
• Arts Administration
• Business
• Computer Animator
• Computer Art/Graphics
• Fine Artist
• Graphic Designer
• Museum/Gallery Professional
• Photographer
• Restoration
• Visual Resources Curator

Note: Some career options require more than two years of college study.

ASTRONOMY

After completing courses in Astronomy, a student will be able to:
• Apply concepts and methods of inquiry appropriate to the field of astronomy;
• Solve conceptual and numerical problems;
• Demonstrate appropriate laboratory skill;
• Chose and use appropriate methods to present concepts and data.

Division
School of Science and Math

Dean
Laura Hyatt

Department Chair
Doug Epperson

Department Chair Phone
408-741-4662

Department Chair Email
Doug.Epperson@westvalley.edu
Departments

Embedded Counselor Phone
408-741-2162

Embedded Counselor Email
claudio.silva@westvalley.edu

The Faculty
- Benjamin Mendelsohn
- Doug Epperson
- Helene Flohic

AVIATION

Degrees and Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unmanned Aircraft System Technology</td>
<td>Certificate of Achievement</td>
<td>18 units</td>
</tr>
<tr>
<td>Unmanned Aircraft Technology</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
</tr>
</tbody>
</table>

Division
Che School of Professional Studies

Dean
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The Faculty
- Christopher Cruz
- Benjamin Mendelsohn

BIOLOGY

The Department of Biology at West Valley College offers an array of courses in different fields of biology. These courses are offered in support of the general education requirements in the natural sciences. Many of these courses fulfill the required transfer requirements to four-year programs at other institutions. It is recommended that students consult with the university they plan to attend to make sure that all lower division transfer requirements have been fulfilled. Prospective transfer students can visit assist.org for further information.

Degrees

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>Associate in Science Degree for Transfer</td>
<td>60 units</td>
</tr>
<tr>
<td>Ecology, Biodiversity and Conservation</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
</tr>
</tbody>
</table>

BIOLOGICAL SCIENCES: Transfer: (Includes Biochemistry, Botany, Cell Biology, Zoology) For transfer information see assist.org and/or consult with a counselor.

Division
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• Michelle Geary
• Cheryl Hackworth
• Nathan Norris
• Christine Peters-Stanton
• Molly Schrey
• Peter Svensson

Career Options
• Athletic Trainer
• Biologist
• Biotechnology
• Botanist
• Cell Biologist
• Chiropractic
• Conservation Biologist
• Dentist
• ECG Technician
• Ecologist
• Educator
• Environment
• Environmental Lawyer
• Genetic Engineering
• Geneticist
• Habitat Restoration
• Marine Biologist
• Medical Assistant
• Medical Researcher
• Medicine
• Microbiologist
• Molecular Biologist
• Naturalist
• Nurse
• Nutritionist
• Occupational Therapist
• Park Management
• Pharmacist
• Physical Therapist
• Physician's Assistant
• Researcher
• Science Writer/ Journalist
• Scientific Illustration
• Sports Medicine
• Ultrasound Technician
• Veterinary Medicine
• Wild Life Biologist
• X-ray Technician
• Zoologist
BUSINESS ADMINISTRATION

Degrees

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Administration 2.0</td>
<td>Associate in Science Degree for Transfer</td>
<td>60 units</td>
</tr>
<tr>
<td>Business Administration</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
</tr>
</tbody>
</table>

BUSINESS: Transfer: Includes Accounting, Administrative Careers, Finance, Human Resource Administration, International Business, Management, Marketing. For transfer information see assist.org and/or consult with a counselor.

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The Faculty
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• Lance Shoemaker

CHEMISTRY
The Chemistry Department at West Valley College offers a series of chemistry courses designed to meet transfer requirements for students majoring in any scientific field including Chemistry, Biology, Physics, Engineering and all health sciences. Most science students will take the courses Chemistry 1A, Chemistry 1B, Chemistry 12A, and Chemistry 12B in this order, as far as their major requires. Additionally, we offer a course, Chemistry 2 (equivalent to a year of high school chemistry), designed specifically for students who require preparation or review of the more basic chemical concepts to ensure success in future chemistry courses (meaning this class could be taken before Chemistry 1A). Most non-science students will take Chemistry 30A and Chemistry 30B in this order as far as their major requires. All chemistry courses at West Valley College (except CHEM 050) include a hands-on practical component where students conduct chemical experiments in a modern, well-equipped laboratory. Our student-focused faculty understand that chemistry is a challenging field of study and pride ourselves on making chemistry accessible to all students and being readily available to students both inside the classrooms and laboratories, as well as during office hours.

Degree

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>Associate in Science for UC Transfer</td>
<td>70 - 74 units</td>
</tr>
</tbody>
</table>

CHEMISTRY: For transfer information see assist.org and/or consult with a counselor.

Division
School of Science and Math

Dean
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The Faculty
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• Elizabeth Flynn
• Blaine Harrison
• Terry Ng

Career Options
• Allied Health Sciences
• Biology/Biochemistry
• Chemistry
• Dentistry
• Engineering
• Geochemistry/Geology
• Oceanography
• Medicine
• Pharmacy
• Physics
• Veterinary Medicine

Career options may require more than two years of college study.

CHILD STUDIES AND ELEMENTARY EDUCATION

Our certificates and degrees are designed to prepare students to work in a variety of early childhood and elementary school settings and satisfy the early childhood education coursework required by the Department of Social Services Community Care Licensing Title 22 and the State Department of Education Title 5 regulations.

Degrees and Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Childhood Program Director</td>
<td>Certificate of Achievement</td>
<td>12 units</td>
</tr>
<tr>
<td>Child and Adolescent Development</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
<tr>
<td>Elementary Teacher Education</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
<tr>
<td>Early Childhood Teacher Level 1</td>
<td>Certificate of Achievement</td>
<td>21 units</td>
</tr>
<tr>
<td>Early Childhood Teacher Level 2</td>
<td>Certificate of Achievement</td>
<td>21 units</td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>Associate in Science Degree for Transfer</td>
<td>60 units</td>
</tr>
<tr>
<td>Inclusion Teacher Assistant</td>
<td>Certificate of Achievement</td>
<td>21 units</td>
</tr>
</tbody>
</table>

CHILD DEVELOPMENT/EARLY CHILDHOOD EDUCATION: For transfer information see assist.org and/or consult with a counselor.

Division

Che School of Professional Studies

Dean

Renee Paquier

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Laurie Dotson

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COMMUNICATION DESIGN

The Digital Media department offers programs in design, coding, and marketing of digital media. Digital Media programs focus on conceptualization, design, and development of content and publishing standards for print, web and mobile delivery. Courses are designed to develop skills for successful migration into user experience and graphic design fields. Many of the courses include project based learning that considers the needs of the user and developing appropriate messages for an intended audience.

Degrees and Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graphic Design</td>
<td>Certificate of Achievement</td>
<td>31 units</td>
</tr>
<tr>
<td>UX and App Design</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>UX and App Design</td>
<td>Certificate of Achievement</td>
<td>25 units</td>
</tr>
</tbody>
</table>

Division

Cilker School of Art and Design

Dean
Shannon Price

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The Faculty
• Jeff Rascov

COMMUNICATION STUDIES

The Communication Studies Department invites you to apply theories and practical techniques to build the confidence necessary to effectively communicate in the workplace and in groups, job interviews, and your personal relationships. The skills you will learn in our seven-course curriculum are directly applicable to your everyday personal, academic, and professional life. Our instructors are not only experts in creating transformative, academically robust, and inclusive learning communities within our classrooms; we are also dedicated to cultivating equity, a growth mindset, and overall student success. We are committed to helping you discover how to listen intentionally, think critically, and speak passionately.

Degrees and Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Studies</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>Communication Studies</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
<tr>
<td>Professional and Workplace Communication</td>
<td>Certificate of Achievement</td>
<td>12 units</td>
</tr>
</tbody>
</table>

COMMUNICATION STUDIES: For transfer information see assist.org and/ or consult with a counselor.

Division
School of Language Arts
Computer Science

Students with absolutely no programming experience may consider completing Introduction to Python (CIST 005A). Otherwise choose a language path of C++ (CIST 004A and CIST 004B) or Java (CIST 004A1 and CIST 004B1). All CS students need to understand computer organization (Microcomputer Assembler CIST 039), and apply their knowledge on applications with Programming in C (CIST 037) or Advanced Python (CIST 005B).

Certificate

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Science</td>
<td>Certificate of Achievement</td>
<td>24 units</td>
</tr>
</tbody>
</table>

Computer Science: For transfer information see assist.org and/or consult with a counselor.

Division
School of Science and Math

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• Takyui Liu
Departments

CONTINUING EDUCATION - ADAPTED PHYSICAL EDUCATION

Adapted Physical Education courses are designed for students with a temporary or permanent verifiable disability. The courses can be repeated and are free. These free courses are offered through the School of Continuing Education at West Valley College. Students accrue completion hours rather than college credit. However, all courses are free from enrollment and registration fees. Noncredit courses are non-transferrable to a university.

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Director
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CONTINUING EDUCATION - BASIC SKILLS (CHEMISTRY, MATH AND READING)

These free courses are offered through the School of Continuing Education at West Valley College. Students accrue completion hours rather than college credit. However, all courses are free from enrollment and registration fees. Noncredit courses are non-transferrable to a university.

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CONTINUING EDUCATION - BUSINESS

These free courses and certificates are offered through the School of Continuing Education at West Valley College. Students accrue completion hours rather than college credit. However, all courses are free from enrollment and registration fees. Noncredit courses are non-transferrable to a university.

Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Business Essentials</td>
<td>Certificate of Completion</td>
<td>32 - 36 hours</td>
</tr>
<tr>
<td>Bookkeeping Certification</td>
<td>Certificate of Completion</td>
<td>147 - 176 hours</td>
</tr>
</tbody>
</table>
CONTINUING EDUCATION - CAREER SKILLS

The Career and Job Skills program offers FREE, short-term courses for essential career and job skills in areas of communication, digital literacy, and leadership. Students gain important soft skills and computer skills that employers are looking for when hiring or promoting employees. These free courses and certificates are offered through the School of Continuing Education at West Valley College. Students accrue completion hours rather than college credit. However, all courses are free from enrollment and registration fees. Noncredit courses are non-transferrable to a university.

Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication, Digital Skills and Leadership for the Workplace</td>
<td>Certificate of Completion</td>
<td>42 - 45 hours</td>
</tr>
<tr>
<td>Microsoft Office Basics</td>
<td>Certificate of Completion</td>
<td>64 - 90 hours</td>
</tr>
</tbody>
</table>

CONTINUING EDUCATION - COURT REPORTING & CAPTIONING

The Court Reporting and Captioning program offers tuition-free career education and training in court reporting as performed in courtrooms and deposition settings. The program also prepares students for careers in the fields of captioning, transcription, and office support technology. The program is recognized by the Court Reporter's Board of California to qualify students to sit for the California Certified Shorthand Reporter's Examination. Licensed by the state, court reporters preserve all legal proceedings and submit their verbatim record as the official transcript.

IN ORDER FOR A PERSON TO QUALIFY FROM A SCHOOL TO TAKE THE STATE LICENSING EXAMINATION, THE PERSON SHALL COMPLETE A PROGRAM AT A RECOGNIZED SCHOOL. FOR INFORMATION CONCERNING THE MINIMUM REQUIREMENTS THAT A COURT REPORTING PROGRAM MUST MEET IN ORDER TO BE RECOGNIZED, CONTACT: THE COURT REPORTERS BOARD OF CALIFORNIA; 2535 CAPITAL OAKS DRIVE, SUITE 230, SACRAMENTO, CA 95833, (916) 863-3664.
Each certificate of completion is designed to prepare students for employment opportunities starting with entry-level employment and progressing to advanced-skill-level captioning and court reporting employment. Since each certificate builds upon the last one, students should complete them in the following order:

- Proofreading
- Scoping
- Transcription and Office Support: Machine Writing OR Transcription and Office Support: Voice Writing
- Educational Captioning
- Court Reporting

Note: Proofreading and Scoping certificate coursework may be taken concurrently. The Scoping certificate is only required for the machine writing pathway. The Proofreading certificate is necessary for the completion of both pathways, but can be taken at any time. However, it is highly recommended that this course be taken at a foundational or first stage. Courses, other than theory or speed-building courses from any certificates, should be taken whenever they are offered to ensure the quickest progression. However, some courses have advisories recommending that students take a level-one course before a level-two course. It is highly recommended that students take these courses in order, if possible.

Statement for Voice Writing Employment Opportunities: The licensure of court reporters using voice writing technology is still under review in the state of California; however, there are many immediate employment opportunities for captioners using voice writing to caption live speech in real time and voice writing court reporters are able to practice in state court systems in 36 states and the District of Columbia. Voice writing court reporters also work in the Federal Judicial System nationwide, the Military Court System, internationally, and the U.S. Congress. Source: [https://nvra.org/nvra-certifications](https://nvra.org/nvra-certifications).

These free courses and certificates are offered through the School of Continuing Education at West Valley College. Students accrue completion hours rather than college credit. However, all courses are free from enrollment and registration fees. Noncredit courses are non-transferrable to a university.

### Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Educational Captioning</td>
<td>Certificate of Completion</td>
<td>290 - 474 hours</td>
</tr>
<tr>
<td>Proofreading</td>
<td>Certificate of Completion</td>
<td>298 - 324 hours</td>
</tr>
<tr>
<td>Transcription and Office Support: Machine Writing</td>
<td>Certificate of Completion</td>
<td>304 - 490 hours</td>
</tr>
<tr>
<td>Transcription and Office Support: Voice Writing</td>
<td>Certificate of Completion</td>
<td>288 - 398 hours</td>
</tr>
<tr>
<td>Scoping</td>
<td>Certificate of Completion</td>
<td>432 - 474 hours</td>
</tr>
<tr>
<td>Court Reporting</td>
<td>Certificate of Completion</td>
<td>240 - 344 hours</td>
</tr>
</tbody>
</table>

### Division

School of Continuing Education

### Dean

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### The Faculty

- Margaret Ortiz
CONTINUING EDUCATION - ESL AND CITIZENSHIP

The Immigrant Education program provides students the opportunity to learn and improve speaking, listening, writing, and reading skills in English. Students can also work towards becoming a US citizen or improve their English language skills in preparation to enter career programs in healthcare or early childhood education. These free courses and certificates are offered through the School of Continuing Education at West Valley College. Students accrue completion hours rather than college credit. However, all courses are free from enrollment and registration fees. Noncredit courses are non-transferrable to a university.

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESL: Careers in Early Childhood Education</td>
<td>Certificate of Competency</td>
<td>128 - 144 hours</td>
</tr>
<tr>
<td>ESL: Careers in Healthcare</td>
<td>Certificate of Competency</td>
<td>128 - 144 hours</td>
</tr>
</tbody>
</table>

Division
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CONTINUING EDUCATION - FACILITIES MAINTENANCE

These free courses and certificates are offered through the School of Continuing Education at West Valley College. Students accrue completion hours rather than college credit. However, all courses are free from enrollment and registration fees. Noncredit courses are non-transferrable to a university.

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Maintenance Technician</td>
<td>Certificate of Completion</td>
<td>166 - 184 hours</td>
</tr>
</tbody>
</table>

Division
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Director Email
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CONTINUING EDUCATION - INDUSTRIAL DESIGN

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CONTINUING EDUCATION - OLDER ADULT

These free courses are offered through the School of Continuing Education at West Valley College. Students accrue completion hours rather than college credit. However, all courses are free from enrollment and registration fees. Noncredit courses are non-transferrable to a university.

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CONTINUING EDUCATION - PARENTING

The Parenting program offers courses for one-parent, step, blended, two-parent, legal guardians and other persons to develop and improve their parenting skills. These free courses are offered through the School of Continuing Education at West Valley College. Students accrue completion hours rather than college credit. However, all courses are free from enrollment and registration fees. Noncredit courses are non-transferrable to a university.

Division
School of Continuing Education

Dean
Chris Dyer

Department Chair
Margaret Ortiz
CONTINUING EDUCATION - PARK MANAGEMENT
These free courses are offered through the School of Continuing Education at West Valley College. Students accrue completion hours rather than college credit. However, all courses are free from enrollment and registration fees. Noncredit courses are non-transferrable to a university.

Division
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Director
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CONTINUING EDUCATION - SPANISH
These free courses and certificates are offered through the School of Continuing Education at West Valley College. Students accrue completion hours rather than college credit. However, all courses are free from enrollment and registration fees. Noncredit courses are non-transferrable to a university.

Certificate

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish for Medical Professionals</td>
<td>Certificate of Completion</td>
<td>96 - 108 hours</td>
</tr>
</tbody>
</table>

Division
School of Continuing Education

Dean
Chris Dyer

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Margaret Ortiz

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Director
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CONTINUING EDUCATION - TECHNICAL THEATER

These free courses and certificates are offered through the School of Continuing Education at West Valley College. Students accrue completion hours rather than college credit. However, all courses are free from enrollment and registration fees. Noncredit courses are non-transferrable to a university.

Certificate

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Theater Stage Technology</td>
<td>Certificate of Completion</td>
<td>192 - 216 hours</td>
</tr>
</tbody>
</table>

Division
School of Continuing Education

Dean
Chris Dyer

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Margaret Ortiz

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408-741-2559

Department Chair Email
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Director
Eric Grabiel

Director Phone
408-741-2137

Director Email
eric.grabiel@westvalley.edu

COUNSELING

After completing courses in Counseling, a student will be able to:
• Identify and apply personal values and career preferences related to making effective career and major choices.
• Identify strategies for making wise choices, goal setting, taking responsibility, and thinking critically about life choices.

After utilizing Counseling programs and services, a student will be able to:
• Select appropriate college courses, programs and services to meet individual needs and to support academic goals and success.

Division
Student Services

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Murrell Green

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Philip Severe

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408-741-2009

The Faculty
• Angelica Bangle
• Joe Bucher
• Michael Byers
• Andrew Cardamone
• Alicia Cardenas
COURT REPORTING

The Court Reporting program courses and certificates are now being offered, tuition free, in the School of Continuing Education section of the catalog under Court Reporting & Captioning.

The Court Reporting and Captioning Department offers career education and training in court reporting as performed in courtrooms and deposition settings. The Department also prepares students for careers in the related fields of captioning, transcription, and office support technology. The Department is recognized by the Court Reporter's Board of California to qualify students to sit for the California Certified Shorthand Reporter's Examination. Licensed by the state, court reporters preserve all legal proceedings and submit their verbatim record as the official transcript.

"IN ORDER FOR A PERSON TO QUALIFY FROM A SCHOOL TO TAKE THE STATE LICENSING EXAMINATION, THE PERSON SHALL COMPLETE A PROGRAM AT A RECOGNIZED SCHOOL. FOR INFORMATION CONCERNING THE MINIMUM REQUIREMENTS THAT A COURT REPORTING PROGRAM MUST MEET IN ORDER TO BE RECOGNIZED, CONTACT: THE COURT REPORTERS BOARD OF CALIFORNIA; 2535 CAPITOL OAKS DRIVE, SUITE 230, SACRAMENTO, CA 95833, (916) 863-3664."
The Disability & Educational Support Program assists students with disabilities to achieve their educational goals. DESP offers classes, primarily at the basic skills level, to prepare students for more advanced college level courses. Adapted physical education courses are listed in this catalog under Kinesiology and Noncredit. In addition to classes, the program provides services that include but are not limited to counseling, registration assistance, test accommodations, note takers, and class materials in alternate format. DESP is located in the Student Services building.

The semester following the completion of the DESP new student intake:

• Students will demonstrate the ability to request approved accommodations.

ECONOMICS
Economics prides itself in the rigor of its academic and disciplinary training as preparation for academic pursuits in:

• Upper division studies in economics and business administration;
• Upper division studies within the social sciences and in the liberal arts;
• Upper division studies and professional training in applied economics and economics-related disciplines (environmental studies, urban studies, law, etc.)

Degrees

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>Economics</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
</tbody>
</table>

ECONOMICS: For transfer information see assist.org and/or consult with a counselor.
Embedded Counselor Email
jennifer.keh@westvalley.edu

The Faculty
• Hashem Kardevani
• Janis Kea
• Samuel Liu

ENGINEERING
Engineers are problem solvers. Engineers apply the principles and theories of math and science to technical problems. Engineers design, discover, and invent new products and processes.

Degree

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>Engineering</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
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</table>

ENGINEERING: For transfer information see assist.org and/or consult with a counselor.

Division
School of Science and Math

Dean
Laura Hyatt

Department Chair
Takyiu Liu

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408-741-2675

Department Chair Email
takyiu.liu@westvalley.edu

Embedded Counselor Phone
408-741-2162

Embedded Counselor Email
claudio.silva@westvalley.edu

The Faculty
• Takyiu Liu
• Thomas Sanford

Career Options
• Aerospace Engineering
• Biological Engineering
• Chemical Engineering
• Civil Engineering
• Electrical Engineering
• Materials Engineering
• Mechanical Engineering
• Nanotech Engineering
• Nuclear Engineering
• Software Engineering

ENGLISH
The English Department teaches skills that are universal to every other discipline. Taking courses in English increases a student's chances of success in every other area. The ability to read effectively and to write expressively will prove invaluable for any student.

Degrees

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>English</td>
<td>Associate in Arts Degree for Transfer</td>
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<tr>
<td>English</td>
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<td>60 units</td>
</tr>
</tbody>
</table>

ENGLISH: For transfer information see assist.org and/or consult with a counselor.

Division
School of Language Arts
Departments

Provost
Stacy Gleixner, Ph.D.

Department Chair
Leigh Burrill

Department Chair Phone
408-741-4054

Department Chair Email
Leigh.Burrill@westvalley.edu

Embedded Counselor Phone
408-741-2518

Embedded Counselor Email
alma.garcia@westvalley.edu

The Faculty
• Leigh Burrill
• Rebecca Cisneros-Diaz
• Nicole Cuttler
• Bill Davis
• Janine Gerzanics
• Dulce Gray
• Lenore Harris
• Cathy Jones
• Vicky Kalivitis
• Jess Lerma
• Nils Michals
• Eric Pape
• Jeanette Richey
• Leslie Saito-Liu
• Danielle Shaw
• Christina Stevenson
• Jennifer Wagner

Career Options
• Advertising
• Business
• Civil Service
• Editing
• Information Systems
• Insurance
• Journalism
• Law
• Library Science
• Management
• Marketing Communications
• Politics
• Public Relations
• Publishing
• Research
• Teaching
• Technical Communications
• Writing

Note: Some career options require more than two years of college study.

ENGLISH AS A SECOND LANGUAGE
The English as a Second Language Department at West Valley College offers courses in grammar/ writing, listening/ speaking, and reading comprehension/ vocabulary. The ESL Skills Lab and the World Languages Center supplement these semester-long courses. To enroll in ESL, students need to complete the ESL placement process or meet the prerequisites. Only courses at the 65 level are Associate Degree applicable and transferable to either a UC or CSU. After completing all levels of ESL, a student will be able to:
• Identify and use the grammatical elements of college-level standard English to write an essay using academic level vocabulary;
• Participate in a group discussion using appropriate social and linguistic forms to join an ongoing discussion;
• Produce speech which is intelligible and accurately articulated;
• Identify aspects of American culture and values and those of other cultural traditions;
• Demonstrate confidence in communicating in English.

Division
School of Language Arts

Provost
Stacy Gleixner, Ph.D.
ETHNIC STUDIES
Ethnic Studies is an interdisciplinary and diverse field of study of historically marginalized racial/ethnic populations. As a discipline, it was created to study the stories, histories, struggles, and achievements of people of color on their own terms by giving voice to historically marginalized peoples and their perspectives in confronting systems of injustice and valuing diversity. Our courses seek to educate students to test traditional assumptions about race, promote progressive social change, reflect on the dynamics of power and knowledge, and promote multiple approaches to social justice issues while encouraging students to be informed and active citizens.

FASHION DESIGN AND APPAREL TECHNOLOGY
The West Valley College Fashion Design and Apparel Technology department offers degree and certificate options in Apparel Design and Apparel Production. The program’s strength is in a comprehensive curriculum of design and production courses based on industry standard methods. These courses are designed to meet the different experience levels of students from beginner to advanced, as well as assist industry professionals seeking to upgrade their skills. To insure industry experience, students are encouraged to complete an internship in the apparel or a related industry.

Degrees and Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>Apparel Design Level 1</td>
<td>Certificate of Achievement</td>
<td>24 units</td>
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<td>Apparel Design Level 2</td>
<td>Certificate of Achievement</td>
<td>47 units</td>
</tr>
<tr>
<td>Apparel Design</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
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<tr>
<td>Apparel Production</td>
<td>Certificate of Achievement</td>
<td>29 units</td>
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<td>Apparel Production</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
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</table>

FASHION DESIGN: For transfer information see assist.org and/or consult with a counselor.

Division
Cilker School of Art and Design

Dean
Shannon Price

Department Chair
Diane Hurd

Department Chair Phone
408-741-2110

Department Chair Email
diane.hurd@westvalley.edu
Departments

**Embedded Counselor Phone**
408-741-2604

**Embedded Counselor Email**
geneva.leighton@westvalley.edu

**The Faculty**
- Tiina Keller
- Kyunghi (Kaee) Min

**Career Options**
- CAD Grader/ Marker Maker
- CAD Pattern maker
- Designer
- Fabric/Trim Buyer
- First Pattern Maker
- Illustrator
- Merchandiser
- Production Coordinator
- Production Manager
- Production Pattern Maker
- Quality Controller
- Sample Maker
- Stylist
- Technical Designer

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**FRENCH**

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>French</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
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</tbody>
</table>

WORLD LANGUAGES: For transfer information see assist.org and/or consult with a counselor.

**Division**
School of Language Arts

**Provost**
Stacy Gleixner, Ph.D.

**Department Chair**
Silvia Castellini-Patel

**Department Chair Phone**
408-741-2076

**TTY Phone**
0972097209

**Department Chair Email**
silvia.castellini@westvalley.edu

**Embedded Counselor Phone**
408-741-2518

**Embedded Counselor Email**
alma.garcia@westvalley.edu

**The Faculty**
- Anna Brichko

---

**GEOGRAPHY**

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
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<tr>
<td>Geography</td>
<td>Associate in Arts Degree</td>
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<tr>
<td>Geography</td>
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<td>60 units</td>
</tr>
</tbody>
</table>

GEOGRAPHY: For transfer information see assist.org and/or consult with a counselor.
GEOLOGY

Geology is for explorers, for people interested in their surroundings and in the physical processes that shape the land. Explorers study mountains and valleys, oceans and atmospheres, earth and life through time, and the origins of the universe. Geology is a multidisciplinary science that applies the concepts of biology, chemistry, physics, mathematics, and engineering to the natural world. The multidisciplinary approach is what makes geology exciting and challenging for students with broad scientific interests and curiosity of how natural systems work through time and space. The blend of scientific reasoning and historical perspective gives geologists an important role in society where they can apply their skills to the complex interaction of humans and the natural systems (geologic hazards and natural resources). The exploration of geology is a hands-on discipline that is realized by working with hand specimens in the lab and seeing the earth system through field experience.

At West Valley College, students of geology can choose from a variety of courses offered through the Department of Geology and Department of Oceanography. Many of our courses fulfill the transfer requirements to fouryear universities. Students should consult with the university they plan to attend to make sure that all lower division transfer requirements have been fulfilled.

Degree

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
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<tbody>
<tr>
<td>Geology</td>
<td>Associate in Science Degree for Transfer</td>
<td>60 units</td>
</tr>
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</table>

GEOLOGY: For transfer information see assist.org and/or consult with a counselor.

Career Options

- engineering geology
- environmental geology
- geobiology
- geochemistry
Departments

- geophysics
- hydrogeology
- oceanography
- paleontology
- volcanology

Most job opportunities available to geology graduates are in the private industry of engineering geology (evaluating sites for homes, commercial buildings, highways, tunnels, and other construction), environmental geology (environmental impact studies, evaluation and remediation of contaminated sites), and hydrogeology (development and control of water resources). Geologists are also employed in the discovery and extraction of earth's natural resources (oil, gas, coal, metallic and non-metallic ores). Government agencies (federal, state, county, and city) also employ geologists at all levels for planning and regulation (inspection and monitoring) activities. A degree in geology is an excellent background for teaching science at the secondary school level.

GEOSPATIAL TECHNOLOGY

Certificate

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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</thead>
<tbody>
<tr>
<td>Geospatial Technology</td>
<td>Certificate of Achievement</td>
<td>24 units</td>
</tr>
</tbody>
</table>

Division
Che School of Professional Studies

Dean
Renee Paquier

Department Chair
Chris Cruz

Department Chair Phone
408-741-2622

Department Chair Email
chris.cruz@westvalley.edu

Embedded Counselor Phone
408-741-4068

Embedded Counselor Email
maryam.fard@westvalley.edu

The Faculty
- Christopher Cruz

GERMAN

WORLD LANGUAGES: For transfer information see assist.org and/or consult with a counselor

Division
School of Language Arts

Provost
Stacy Gleixner, Ph.D.

Department Chair
Silvia Castellini-Patel

Department Chair Phone
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Department Chair Email
silvia.castellini@westvalley.edu

Embedded Counselor Phone
408-741-2518

Embedded Counselor Email
alma.garcia@westvalley.edu
HEALTH CARE TECHNOLOGIES

Degrees and Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Assistant</td>
<td>Certificate of Achievement</td>
<td>34.5 units</td>
</tr>
<tr>
<td>Orthopedic Technician</td>
<td>Certificate of Achievement</td>
<td>17 units</td>
</tr>
<tr>
<td>Insurance Billing Specialist</td>
<td>Certificate of Achievement</td>
<td>23 units</td>
</tr>
<tr>
<td>Medical Administrative Assistant</td>
<td>Certificate of Achievement</td>
<td>25.5 units</td>
</tr>
<tr>
<td>Medical Assistant</td>
<td>Certificate of Achievement</td>
<td>42 units</td>
</tr>
<tr>
<td>Medical Assistant</td>
<td>Associate in Science Degree</td>
<td>64 units</td>
</tr>
</tbody>
</table>

Division
School of Health and Human Development

Dean
John Vlahos

Department Chair
Patricia Louderback

Department Chair Phone
408-741-4604

Department Chair Email
patricia.louderback@westvalley.edu

Embedded Counselor Phone
408-741-4033

Embedded Counselor Email
andrew.cardamone@westvalley.edu

The Faculty
• Kris Gaiero

HEALTH SCIENCE

The Health Science classes are interdisciplinary in nature and students will gain an understanding of the biopsychosocial basis of health to develop the knowledge, skills and modes of critical inquiry necessary to recognize the factors that impact health on an individual level, community level, and public level.

The Health Science Department supports the mission of the college by preparing students along their pathways to reach degree, transfer, and career goals in an environment of academic excellence. After completing courses in Health Science, a student will be able to:

• Apply a multidimensional approach to health that incorporates the study of social, behavioral, and physiological sciences.
• Identify and compare risk factors for disease and disability as well as factors that contribute to health disparities.
• Critically evaluate popular and scientific literature and other media for its significance and impact on individual, community, and public health.

Degree

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Health Science</td>
<td>Associate in Science Degree for Transfer</td>
<td>60 units</td>
</tr>
</tbody>
</table>

For transfer information see assist.org and/or consult with a counselor.

Division
School of Health and Human Development

Dean
John Vlahos

Department Chair
Patricia Louderback

Department Chair Phone
408-741-4604

Department Chair Email
patricia.louderback@westvalley.edu
HISTORY
The study of history provides students with a descriptive overview and critical consideration of the development of the several civilizations included among the course offerings.

Degrees

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>History</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>History</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
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</table>

HISTORY: For transfer information see assist.org and/or consult with a counselor.

Division
School of Social Science

Provost
Stacy Gleixner, Ph.D.

Department Chair
Jose Bautista

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jose.bautista@westvalley.edu

Embedded Counselor Phone
408-741-2592

Embedded Counselor Email
jennifer.keh@westvalley.edu

The Faculty
- Stephen Juarez
- Tim Kelly
- Melvin Pritchard

Career Options
- Archivist
- Business Person
- Government Service
- Journalist
- Lawyer
- Librarian
- Museum Curator
- News Analyst, Reporter, Correspondent
- Researcher
- Social Scientist
- Teacher
- Writer

HONORS UNIVERSITY TRANSFER PROGRAM
The West Valley College Honors University Transfer Program is one of the institution's primary instruments for advanced academic excellence and scholastic training within a critical-thinking mode. The program's primary mission is to create and maintain an alternative curriculum model which, by virtue of its interdisciplinary structure, ensures course enrichment and accelerates the intellectual and creative development of high-ability students.

Program Description
The Honors University Transfer Program provides highly motivated students the opportunity to work closely with instructors and other motivated students in advanced levels of critical thinking, analysis, research, writing, and communication. The goal of the Program is to engage, support, and challenge self-motivated students to pursue a deeper education, enabling them to create opportunities for success in both their personal and professional lives. Honors
Departments

Courses offer enriched educational experiences through our Honors faculty, challenging coursework, typically smaller class sizes, and the opportunity to study with other highly motivated students. Learn more and apply here: https://www.westvalley.edu/learning-communities/honors/

Eligibility, Maintenance, & Completion

New and current students that meet the following criteria are encouraged to apply:

- Current WVC Student Qualification: Earn a GPA of 3.25 or high in at least 9 units of transferable coursework
- High School Student Qualification: Earn a high school cumulative GPA of 3.5

To maintain active membership in the program, students must maintain a 3.25 cumulative GPA or higher. We recommend that students complete at least 2 honors classes each academic year. Successful completion of the program will require each student to complete 15 units of honors coursework with a cumulative GPA of a 3.25 or better. There is no adverse consequence if you do not complete the 15 honors units.

Program Benefits

Students who complete the program will receive a special Honors Graduation Medal during commencement as well as a Permanent Notation on your Academic Transcript that you are an Honor Program Graduate. The honors program has special partnerships with a range of four-year universities that provide advantages in the application and scholarship process. Most notably, our partnership with UCLA's Transfer Alliance Program significantly increases admission to UCLA College of Letters and Sciences (continue reading for more details). Other partnerships can be found on the honors program web page: https://www.westvalley.edu/learning-communities/honors/

UCLA Transfer Alliance Program (TAP) - Students who complete the Honors Program at West Valley College receive priority consideration for admission to UCLA College of Letters and Science. Admitted TAP students are also eligible to apply for scholarships reserved for the Transfer Alliance Program. Students are advised to contact the Honors Program Coordinator to discuss eligibility and participation. Learn more about the UCLA TAP at: http://tap.ucla.edu

Course Content and Methodology

The difference between the Honors curriculum and the traditional curriculum is qualitative. The Honors curriculum allows for more individualized, interdisciplinary, experiential, and collaborative learning experiences. Students will participate in advanced seminars as well as independent projects. Knowledge will be demonstrated primarily through written assignments and oral presentations.

Provost

Stacy Gleixner, Ph.D.

Coordinator

Sam Liu

Coordinator Phone
408-741-2147

Coordinator Email
sam.liu@westvalley.edu

Embedded Counselor Phone
408-741-4037

Embedded Counselor Email
michael.west@westvalley.edu

HUMANITIES

After completing courses in Humanities, a student will be able to:

- Analyze major cultural attributes such as literary, musical, artistic and religious representing a variety of civilizations;
- Evaluate changes in humanistic traditions using cross-cultural and historical comparisons.

HUMANITIES: For transfer information see assist.org and/or consult with a counselor.

Division

School of Social Science

Provost

Stacy Gleixner, Ph.D.

Department Chair

Nichola Gutierrez

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Department Chair Email
nichola.gutierrez@westvalley.edu

Embedded Counselor Phone
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INDUSTRIAL DESIGN

Division
Cilker School of Art and Design

Dean
Shannon Price

Department Chair
Diane Hurd

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408-741-2110

Department Chair Email
diane.hurd@westvalley.edu

Embedded Counselor Phone
408-741-2604

Embedded Counselor Email
geneva.leighton@westvalley.edu

INTERIOR DESIGN

The Interior Design Program has a comprehensive, professional curriculum that provides courses focusing on the vital and basic aspects of interior design. Throughout the program, emphasis is placed on the fundamental relationship of interior design and the visual and decorative arts.

In addition to interior design certificates, the program offers specialty certificates that promote professional development in terms of successful course completion, alternative basic skills, and enhanced workforce development. These certificates provide alternative paths, and at the same time answer critical industry needs.

When available and appropriate, students may be required to participate in design-related competitions to reinforce the classroom learning experience.

Degrees and Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>Interior Design Fundamentals</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>Interior Design Fundamentals</td>
<td>Certificate of Achievement</td>
<td>35 units</td>
</tr>
<tr>
<td>Interior Design Professional</td>
<td>Certificate of Achievement</td>
<td>60 units</td>
</tr>
<tr>
<td>Computer Aided Drafting &amp; Design</td>
<td>Certificate of Achievement</td>
<td>12 units</td>
</tr>
</tbody>
</table>

Division
Cilker School of Art and Design

Dean
Shannon Price

Department Chair
Diane Hurd

Department Chair Phone
408-741-2110

Department Chair Email
diane.hurd@westvalley.edu

Embedded Counselor Phone
408-741-2604

Embedded Counselor Email
geneva.leighton@westvalley.edu

The Faculty
• Cigdem Bulut
• Diane Hurd
Career Options

- Commercial Design
- Computer-Aided Design and Drafting
- Education and Research
- Facilities Planning and Design
- Furniture Design
- Green Design
- Health Care Design
- Historic Preservation
- Hospitality Design
- Kitchen and Bath Design
- Lighting Design
- Residential Design
- Restaurant Design
- Retail Design
- Space Planning
- Sustainable Design
- Textile Design

ITALIAN

Degree

<table>
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<tr>
<th>Degree or Certificate Program</th>
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<tbody>
<tr>
<td>Italian</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
</tr>
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</table>

WORLD LANGUAGES: For transfer information see assist.org and/or consult with a counselor

Division
School of Language Arts

Provost
Stacy Gleixner, Ph.D.

Department Chair
Silvia Castellini-Patel

Department Chair Phone
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The Faculty
- Silvia Castellini-Patel

JAPANESE

WORLD LANGUAGES: For transfer information see assist.org and/or consult with a counselor

Division
School of Language Arts

Provost
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Department Chair Phone
408-741-2076

Department Chair Email
silvia.castellini@westvalley.edu

Embedded Counselor Phone
408-741-2518
KINESIOLOGY

The Kinesiology Department supports the mission of the college by preparing students along their pathways to reach degree, transfer and career goals in an environment of academic excellence. The Kinesiology Department courses meet the West Valley College associate’s degree requirements. Most of the courses also meet the transfer degree requirement for a bachelor’s degree at CSU and most other four-year institutions. Kinesiology courses provide students the opportunity to prepare to transfer in degree programs in Physical Education and Kinesiology. Students can earn an associate’s degree in Kinesiology preparing them for advanced degrees at four-year institutions. The Department provides pathways for student-athletes to participate in intercollegiate sports. The Department promotes student access with distance learning options.

Degrees and Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kinesiology</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>Certified Personal Trainer</td>
<td>Certificate of Achievement</td>
<td>12 units</td>
</tr>
<tr>
<td>Kinesiology</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
<tr>
<td>Pilates Instructor</td>
<td>Certificate of Achievement</td>
<td>12 units</td>
</tr>
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</table>

PHYSICAL EDUCATION: Transfer: See assist.org and/or consult with a counselor.

Division
School of Health and Human Development

Dean
John Vlahos

Department Chair
Heidi Weber

Department Chair Phone
408-741-2522

Department Chair Email
heidi.weber@westvalley.edu

Department Co-Chair
Erika Vargas

Department Co-Chair Phone
408-741-2523

Department Co-Chair Email
erika.vargas@westvalley.edu

Embedded Counselor Phone
408-741-4033

Embedded Counselor Email
andrew.cardamone@westvalley.edu

The Faculty

- Scott Eitelgeorge
- Jennifer Kerwin
- Vicky Piatt
- William Rodriguez
- Gaspar Silveira
- Paul Starks
- Erika Vargas
- Heidi Weber
- Rick Wiens
- Danny Yoshikawa
- Armen Zakarian

Career Options

- Athletic Trainers
- Sports Medicine Aide
- Coaching
- Physical Education/Kinesiology teachers
- Marine Diving Leadership
- Marine Diving Science
KINESIOLOGY - ATHLETICS

West Valley College is a member of the Coast Conference of the California Community and Junior College Association. The college competes in conference competition for both men and women. A materials fee is required in each sport.

Division
School of Health and Human Development

Dean
John Vlahos

Department Chair
Heidi Weber

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Embedded Counselor Email
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The Faculty
- Jennifer Kerwin
- Vicky Piatt
- William Rodriguez
- Gaspar Silveira
- Erika Vargas
- Rick Wiens
- Danny Yoshikawa
- Armen Zakarian

KINESIOLOGY THEORY

After completing courses in Kinesiology Theory, a student will be able to:
- Identify one or more physical education theory-related factors which influence individual and community health behaviors;
- Identify immediate and long range effects of physical education and health related behaviors;
- Select valid, reliable, and credible sources of information about physical education theory, health needs, interests and concerns.

Division
School of Health and Human Development

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Departments

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• Jennifer Kerwin
• Vicky Piatt
• William Rodriguez
• Gaspar Silveira
• Paul Starks
• Erika Vargas
• Heidi Weber
• Rick Wiens
• Danny Yoshikawa
• Armen Zakarian

LATIN

WORLD LANGUAGES: For transfer information see assist.org and/or consult with a counselor

Division
School of Language Arts

Provost
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Embedded Counselor Phone
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Embedded Counselor Email
alma.garcia@westvalley.edu

LIBERAL ARTS

Degree

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
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<tbody>
<tr>
<td>Liberal Arts</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
</tr>
</tbody>
</table>

Embedded Counselor Phone
408-741-2009

LIBRARY

Learning Outcomes
After completing courses, orientations, or workshops, a student will be able to do one or more of the following:

• Gather, evaluate, organize and use information in order to successfully complete research projects;
• Properly cite sources according to established formats such as MLA and APA;
• Explain the legal and ethical aspects of research, including copyright and plagiarism.
Mathematics is a multifaceted subject of great beauty and application. The study of math explores some of the deepest questions and puzzles that have ever been encountered and equips the student with a universal language used to study quantities and relationships in all fields. Through the study of mathematics, the student develops both the ability to think logically and abstractly as well as the problem-solving and computational skills necessary for success in any field of study.

Degrees

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>Mathematics</td>
<td>Associate in Science Degree for Transfer</td>
<td>60 units</td>
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<tr>
<td>Mathematics</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
</tr>
</tbody>
</table>

MATHEMATICS: For transfer information see assist.org and/or consult with a counselor.
Music Department Mission Statement
The West Valley College Music Department provides an exceptional education through coursework and opportunities for artistic pursuit at the highest level, embracing diversity, creativity, literacy, performance, technology, and engagement with the community. We strive to create consummate professionals by nurturing determination and discipline while supporting artistry and intellect. Our faculty create conservatory and commercial music experiences that foster lifelong learning, university transfer, and direct entry into the music industry workforce.

Degrees and Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creating Music for Film, TV and Gaming</td>
<td>Certificate of Achievement</td>
<td>18 units</td>
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<tr>
<td>Commercial Music Production</td>
<td>Certificate of Achievement</td>
<td>24 units</td>
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<tr>
<td>Music - Professional</td>
<td>Associate in Arts Degree</td>
<td>68 - 70 units</td>
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<tr>
<td>Music</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
<tr>
<td>Musical Theater: Music Focus</td>
<td>Certificate of Achievement</td>
<td>44 units</td>
</tr>
</tbody>
</table>

MUSIC: Transfer: For transfer information see assist.org and/or consult with a counselor.

Division
Cilker School of Art and Design

Dean
Shannon Price

Department Chair
Lou De La Rosa

Department Chair Phone
408-741-4663

Department Chair Email
Lou.DeLaRosa@westvalley.edu

Embedded Counselor Phone
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Embedded Counselor Email
geneva.leighton@westvalley.edu

The Faculty
• Esther Archer-Lakhani
• Troy Davis
• Lou De La Rosa
• Jeff Forehan
• Robert Sinclair

NUTRITION STUDIES
After completing courses in Nutrition Studies, a student will be able to:
• Explain the scientific basis for nutrition;
• Apply nutrition concepts to regular and therapeutic diets.

Degree

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>Nutrition and Dietetics</td>
<td>Associate in Science Degree for Transfer</td>
<td>60 units</td>
</tr>
</tbody>
</table>

NUTRITION STUDIES: For transfer information see assist.org and/or consult with a counselor.

Division
School of Health and Human Development

Dean
John Vlahos

Department Chair
Patricia Louderback

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Department Chair Email
patricia.louderback@westvalley.edu

Embedded Counselor Phone
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andrew.cardamone@westvalley.edu

The Faculty
• Wendy Bowers-Gaches

OCEANOGRAPHY
Oceanography is for explorers, for people interested in the ocean environment and in the physical processes that affect the coasts, seafloor, and water column. Oceanographers study volcanoes and sediment, water chemistry and atmospheric gasses, glacial ice and global warming, marine ecology and habitat, earth and life through time, and the origins of the universe. At West Valley College, students can take the multidisciplinary course Oceanography 010, offered through the Department of Oceanography, and can choose from a variety of earth science and biological sciences courses offered through the Department of Geology and the Department of Biology.

Oceanography is a multidisciplinary science that applies the concepts of biology, chemistry, physics, mathematics, and engineering to the ocean world. Fields of study include physical oceanography, meteorology, geophysics, geochemistry, glaciology, volcanology, marine biology, environmental geology, and more. The multidisciplinary approach is what makes oceanography exciting and challenging for students with broad scientific interests and curiosity of how the ocean system works. The exploration of oceanography is a hands-on discipline that is best realized by seeing the ocean environment through field experience.

After completing courses in Oceanography, a student will be able to:
• Describe and explain some of the fundamental insights to the world oceans;
• Solve oceanographic problems quantitatively;
• Describe and explain a number of marine-related environmental issues.

Division
School of Science and Math

Dean
Laura Hyatt

Department Chair
Doug Epperson
Departments

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Embedded Counselor Email
claudio.silva@westvalley.edu

The Faculty
- Robert Lopez

Career Options

Most job opportunities available to oceanography graduates are in physical oceanography:
- Marine geology
- Ocean engineering
- Marine chemistry
- Marine physics

Most marine geologists work for oil and mineral companies. Marine engineers are needed to design, construct, and maintain offshore oil rigs, ships, and harbor structures. Marine chemists work to figure out ways to stop marine corrosion and to extract chemicals from seawater. Marine biologists have fewer job opportunities. They can be employed at museums, aquariums, and marine theme parks. Some marine biologists work for sanitation districts to monitor waste discharge into the ocean. A degree in oceanography is an excellent background for teaching science at the secondary school level.

PARALEGAL

The primary goal of the Paralegal Studies Program is to prepare students for positions as paralegals as a means of improving the accessibility, quality, and affordability of legal services. West Valley's Paralegal Studies Program is responsive to the needs of the State of California and contributes to the advancement of legal professionals.

"A paralegal may perform the same functions as as attorney except those that only a licensed attorney may perform. Paralegals cannot give legal advice, appear in court, or otherwise engage in the unauthorized practice of law. The practice of law by non-attorneys is strictly prohibited by law." California Business and Professions Code Section 6450 (a)

WVC Paralegal Program List of ABA Approved General Education – Revised May 2019

Area A - Language and Rationality
ENGL 001A, 001B, 001C
MATH 000D, 000G, 001, 002, 003A/B, 004A/B/C, 008, 010, 012, 019, 106, 106R
PHIL 002, 003, 017
COMM 001, 010, 020

Area B - Natural Sciences
ANTH 001
ASTR 002, 010, 011, 014, 020, 021
BIOL 002, 010, 011, 013, 014, 018, 022, 023, 024, 036, 037, 041, 042, 045, 046, 048
CHEM 001A/B, 002, 012A/B, 030A/B
GEOG 001
GEOL 001A/B, 002B, 015, 020
OCEA 010
PSCI 010, 020, 040
PHYS 002A/B, 004A/B/C, 010
PSYC 002, 007

Area C – Humanities
ASLA 060A/B
ARTS 001A/B/D, 004, 007, 010, 012A/B, 013, 014
ENGL 005A/B, 006A/B, 007A/B, 012, 013, 018, 043, 044, 046, 047, 048, 049
FRNC 001A/B, 002A/B, 050A/B, 051A/B
GERM 001A/B, 002A/B
HUMN 001A/B, 002, 003
ITAL 001A/B, 002A/B, 050A/B, 051A/B
JPNS 001A/B, 002A/B, 050A/B, 051A/B
LATN 050A
MUSC 001, 002, 009, 010
PHIL 001, 003, 004, 005, 006, 008, 012  
SPAN 001A/B, 002A/B, 003A/B, 050A/B, 051A/B  
THEA 002, 010, 014A/B, 015

**Area D – Social Science**

**Series 1**
- ADMJ 001
- ANTH 002, 003, 004
- ECON 001A/B, 010
- GEOG 002, 006
- HIST 004B, 012, 014, 016, 020
- POLI 002, 003, 004
- PSYC 001, 017, 025
- SOCI 001, 045

**Series 2**
- HIST 017B
- POLI 001

**Area E – Lifelong Learning and Development**

- COMM 004, 008
- LIBR 004
- PSYC 012, 025

**Area F – Cultural Diversity**

- COMM 012
- CHST 005
- COUN 050
- ENGL 012, 013, 018, 046
- PHIL 021
- PSYC 009
- SOCI 020
- WGQS 001

**ABA Legal Specialty**

At least 9 units of Legal Specialty must be taken in the synchronistic modality

- PARA 018
- PARA 019
- PARA 021
- PARA 022
- PARA 023
- PARA 025
- PARA 027
- PARA 029A
- PARA 029B
- PARA 032
- PARA 043
- PARA 037
- PARA 036
- PARA 068

**Degrees and Certificates**

<table>
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<th>Award Type</th>
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<tr>
<td>Paralegal</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
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<tr>
<td>Paralegal</td>
<td>Certificate of Achievement</td>
<td>35 units</td>
</tr>
</tbody>
</table>

**Division**

Che School of Professional Studies
Departments

Dean
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Department Chair
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Embedded Counselor Email
maryam.fard@westvalley.edu

The Faculty
• Stacy Hopkins

PARK MANAGEMENT

Degrees and Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>Park Management</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>Park Management</td>
<td>Certificate of Achievement</td>
<td>38 - 39 units</td>
</tr>
<tr>
<td>Regenerative Agriculture</td>
<td>Certificate of Achievement</td>
<td>22 units</td>
</tr>
</tbody>
</table>

Division
The School of Professional Studies

Dean
Renee Paquier

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Chris Cruz

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The Faculty
• Christopher Cruz
• Heidi McFarland

PHILOSOPHY

The West Valley College Philosophy Department offers courses in philosophy and introductory religious studies. The Philosophy program challenges the students to think and write well, ponder their most basic assumptions, and see themselves as participants in the vital world of the history of ideas. All philosophy classes meet transfer requirements, and philosophy skills – clear thinking, careful reasoning, and excellent argumentative writing – apply across all disciplines.

Degrees

<table>
<thead>
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<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tr>
<td>Philosophy</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>Philosophy</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
</tbody>
</table>

PHILOSOPHY: For transfer information see assist.org and/or consult with a counselor.
Departments
School of Social Science

Provost
Stacy Gleixner, Ph.D.

Department Chair
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Embedded Counselor Phone
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The Faculty
• Barbara Upton

Career Options
Philosophy graduates regularly score above students in all other disciplines on admission tests for professional and graduate schools. Because of their training in logic and clear writing, philosophy graduates are often found in the computer industry; they work as technical writers, programmers, quality assurance engineers, marketing communications specialists, and hardware designers. Because philosophers are trained to make effective arguments, philosophy is a very desirable undergraduate major for law school. Professional academic philosophers usually teach at the college level. Such positions require at least a master's degree in philosophy; most require a doctorate (Ph.D).

PHYSICAL SCIENCE
After completing courses in Physical Science, a student will be able to:
• Apply scientific concepts and methods of inquiry to problems of the physical environment;
• Describe the influence of weather and climate on local and world-wide issues;
• Analyze environmental issues.

PHYSICAL SCIENCE: Transfer: For transfer information see assist.org and/or consult with a counselor.

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Embedded Counselor Email
claudio.silva@westvalley.edu

The Faculty
• Doug Epperson
• Helene Flohic
• Robert Lopez
• Benjamin Mendelsohn
• Mel Vaughn
PHYSICS

Degrees

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>Physics, Applied Physics, Geophysics</td>
<td>Associate in Science Degree</td>
<td>60 units</td>
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<tr>
<td>Physics</td>
<td>Associate in Science for UC Transfer</td>
<td>64 - 68 units</td>
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<tr>
<td>Physics</td>
<td>Associate in Science Degree for Transfer</td>
<td>60 units</td>
</tr>
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</table>

PHYSICS, APPLIED PHYSICS, GEOPHYSICS: Transfer: For transfer information see assist.org and/or consult with a counselor.

Division
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The Faculty
- Doug Epperson
- Helene Flohic
- Mel Vaughn

POLITICAL SCIENCE

Political Science is the study of political theory and practice in the United States and the rest of the world. This includes international relations, comparative governments, political philosophy and theory, with emphasis on the institutions requirement of American Government.

Degrees

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>Law, Public Policy and Society</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
<tr>
<td>Political Science</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
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<tr>
<td>Political Science</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
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POLITICAL SCIENCE: For transfer information see assist.org and/or consult with a counselor

Division
School of Social Science

Provost
Stacy Gleixner, Ph.D.

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Nichola Gutierrez

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Department Chair Email
nichola.gutierrez@westvalley.edu

Embedded Counselor Phone
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PSYCHOLOGY

Psychology is the scientific study of human and non-human behavior as well as the neurophysiological mechanisms that underlie sensations, perceptions, emotions, motivation, memory, cognitive, and motor functions constituting our mental processes and higher states of consciousness. Psychologists are concerned with the human experience relative to culture, ethnicity, work, health, development, and psychopathology. The field involves both pure science and practical application to matters of everyday life. Those who pursue one of psychology's 55 sub-fields, as identified by the American Psychological Association, will find a wonderful variety of career options with the common goal of improving human life and understanding as well as the world in which we live.

Degrees

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>Psychology</td>
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<tr>
<td>Psychology</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
</tbody>
</table>

PSYCHOLOGY: For transfer information see assist.org and/or consult with a counselor.

Division

School of Social Science

Provost
Stacy Gleixner, Ph.D.

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Jose Bautista

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The Faculty

- Jose Bautista
- Brian Oliveira
- Michelle D. Reed

Career Options

- Research Psychologist
- Forensic Psychologist
Departments

- Neuropsychologist
- Child Psychologist
- School Psychology
- Clinical Psychologist (Ph. D.; Psy. Doc.)
- College Professor
- Counseling Psychologist
- Developmental Psychologist
- Educational Psychologist
- Health Psychologist
- Industrial-Organizational Psychologist
- Psychometrist
- Research Psychologist
- Sports Psychologist Related Fields
- Behavior Analyst
- Child Development Specialist
- Educational Therapist
- Human Services Specialist
- Marketing Specialist
- Marriage & Family Counselor
- Nurse Practitioner (LVN; RN)
- Personnel Analyst
- Probation Officer
- Psychiatric Technician/Aide
- Public Survey
- Social Service Counselor
- Sociologist
- Ward Attendant
- Youth Supervisor

Note: Some career options often require more than two years of study

REAL ESTATE

After completing courses in Real Estate, a student will be able to:
- Identify and evaluate the legal issues affecting real estate practices;
- Analyze and solve real estate finance and economics problems;
- Apply real estate appraisal principles and procedures.

FOR CALIFORNIA STATE REAL ESTATE SALESPERSON LICENSE

West Valley College offers all of the required courses that a student needs to take in order to obtain a Salesperson's license. The California Department of Real Estate requires that an individual take three real estate-oriented classes and pass the state Real Estate Salesperson exam before obtaining a renewable Real Estate Salesperson's license. A Salesperson's license is necessary in California for a person to be able to buy or sell real estate on another's behalf. In order to qualify to take the Real Estate Salesperson exam, an individual must take the following classes:

Requirements

<table>
<thead>
<tr>
<th>Course Number</th>
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<tbody>
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<td>RLST 090</td>
<td>Principles of Real Estate</td>
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<tr>
<td>RLST 091</td>
<td>Real Estate Practice</td>
<td>3 units</td>
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And one of the following

<table>
<thead>
<tr>
<th>Course Number</th>
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<tbody>
<tr>
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<tr>
<td>RLST 092</td>
<td>Real Estate Economics</td>
<td>3 units</td>
</tr>
<tr>
<td>RLST 093A</td>
<td>Legal Aspects of Real Estate</td>
<td>3 units</td>
</tr>
<tr>
<td>RLST 094C</td>
<td>Real Estate Appraisal Principles &amp; Procedures</td>
<td>3 units</td>
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<td>RLST 095A</td>
<td>Real Estate Finance</td>
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<td>RLST 096A</td>
<td>Real Estate Investment I</td>
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</tr>
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<td>RLST 099</td>
<td>Property Management</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Division

The School of Professional Studies

Dean

Renee Paquier

Department Chair

Jim Henderson
SOCIAL JUSTICE STUDIES

The interdisciplinary Social Justice Studies program provides students opportunity to complete coursework across various disciplines with a core focus in social progress, human rights, critical race theory, and women/gender/queer/feminist studies and theory.

Degree

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
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</thead>
<tbody>
<tr>
<td>Social Justice Studies: General Studies</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
</tbody>
</table>

Division

School of Social Science

Provost

Stacy Gleixner, Ph.D.

Department Chair

Andrew Kindon

Department Chair Phone

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Department Chair Email

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Embedded Counselor Phone

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Embedded Counselor Email

jennifer.keh@westvalley.edu

The Faculty

- Leigh Burrill
- Rebecca Cisneros-Diaz
- Dulce Gray
- Lenore Rebecca Harris
- Melvin Hugo Pritchard
- Danielle Shaw

SOCIOLOGY

Degrees

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
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<tbody>
<tr>
<td>Sociology</td>
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<tr>
<td>Sociology</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
</tbody>
</table>
Departments

SOCIOLGY: Transfer: For transfer information see assist.org and/or consult with a counselor.

Division
School of Social Science

Provost
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Embedded Counselor Phone
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Embedded Counselor Email
jennifer.keh@westvalley.edu

The Faculty
• Jennifer Ho
• Tom DeDen

SPANISH

Degrees

<table>
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<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>Spanish</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
</tbody>
</table>

WORLD LANGUAGES: For transfer information see assist.org and/or consult with a counselor

Division
School of Language Arts

Provost
Stacy Gleixner, Ph.D.

Department Chair
Silvia Castellini-Patel

Department Chair Phone
408-741-2076

Department Chair Email
silvia.castellini@westvalley.edu

Embedded Counselor Phone
408-741-2518

Embedded Counselor Email
alma.garcia@westvalley.edu

The Faculty
• Silvia Castellini-Patel

STUDENT SUCCESS

Coordinator
Jennifer Wagner

Coordinator Phone
408-741-2615
THEATER ARTS

The Theater Arts Department provides a comprehensive program of theater/film analysis and theory, acting, design and theatre technology, and film/video production. Its primary goal is to develop student creativity and skills, supported by sound background in analysis, literature, and aesthetics. In an environment that encourages self-expression, each student has opportunities to participate in various Theater Arts specialties: film/theater analysis, film/video production, acting, costume/makeup, and stage technology. Students have the opportunity to perform regularly in the college's two performance facilities. Students are prepared to transfer to four-year institutions and conservatories or to pursue career options, described below.

Degrees and Certificates

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theatre Arts: Acting</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>Musical Theater: Theater Focus</td>
<td>Certificate of Achievement</td>
<td>44 units</td>
</tr>
<tr>
<td>Film, Television, and Electronic Media</td>
<td>Associate in Science Degree for Transfer</td>
<td>60 units</td>
</tr>
<tr>
<td>Film Studies</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
</tr>
<tr>
<td>Theater Arts: Stage Technology</td>
<td>Certificate of Achievement</td>
<td>16 units</td>
</tr>
<tr>
<td>Theater Arts</td>
<td>Associate in Arts Degree for Transfer</td>
<td>60 units</td>
</tr>
</tbody>
</table>

THEATER ARTS: Transfer: For transfer information see assist.org and/or consult with a counselor.

Division
Cilker School of Art and Design

Dean
Shannon Price

Department Chair
Laura Lowry

Department Chair Phone
408-741-4016

Department Chair Email
laura.lowry@westvalley.edu

Embedded Counselor Phone
408-741-2604

Embedded Counselor Email
geneva.leighton@westvalley.edu

The Faculty
• William Clay
• Laura Lowry

Career Options
• Actor
• Corporate Officer
• Costume Designer
• Costume Technician
• Director
• Drama Teacher/Professor
• Filmmaker
• Non-Profit Manager
• Performing Arts Fundraiser
• Sales Manager
• Set/Lighting Designer
• Special Events Planner
• Stage Manager
• Theatre Manager
• Theatre Technician
• Theme Park Technician
• Video/Media Technician

Note: Some career options may require more than two years of college study
## TRANSFER STUDIES

### Degrees

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfer Studies-IGETC</td>
<td>Certificate of Achievement</td>
<td>37 - 39 units</td>
</tr>
<tr>
<td>Transfer Studies-CSU GE-B</td>
<td>Certificate of Achievement</td>
<td>39 units</td>
</tr>
</tbody>
</table>

### Embedded Counselor Phone

408-741-2009

## WOMEN, GENDER & QUEER STUDIES

### Degree

<table>
<thead>
<tr>
<th>Degree or Certificate Program</th>
<th>Award Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Women, Gender and Queer Studies</td>
<td>Associate in Arts Degree</td>
<td>60 units</td>
</tr>
</tbody>
</table>

WOMEN, GENDER AND Queer STUDIES: For transfer information see assist.org and/or consult with a counselor.

### Division

School of Social Science

### Provost

Stacy Gleixner, Ph.D.

### Department Chair

Andrew Kindon

### Department Chair Phone

408-741-2554

### Department Chair Email

andrew.kindon@westvalley.edu

### Embedded Counselor Phone

408-741-2592

### Embedded Counselor Email

jennifer.keh@westvalley.edu

### The Faculty

- Leigh Burrill, English
- Rebecca Cisneros-Diaz, English
- Dulce Gray, English
- Danielle Shaw, English

### WORK EXPERIENCE

After completing units in Work Experience, a student will be able to:

- Demonstrate personal and professional standards for responsibility, honesty, and decision-making;
- Demonstrate verbal and written communication skills;
- Set and manage priorities;
- Employ technology to enhance educational and career opportunities;
- Demonstrate interpersonal skills in various settings;
- Demonstrate flexibility and be adaptive to changing demands;
- Apply academic skills and concepts to the workplace.

### Cooperative Work Experience

Cooperative work experience courses include general work experience courses and occupational work experience courses. General work experience education is supervised employment intended to assist students in acquiring desirable work habits, attitudes, and career awareness. The work experience does not need to be related to the student's specific educational goals. In contrast, occupational work experience education is supervised employment where on-the-job learning relates to the student's specific educational or occupational goals. Student must not exceed the limit of 16 semester units of general and occupational work experience combined.

Repeatability guidelines and unit limits: Cooperative work experience courses are not designated as repeatable. However, students may petition to repeat occupational work experience courses to the Office of Admissions and Records. The Office of Admissions and Records may grant the request if the following conditions are met:

- the student has not exceeded the limit of 16 semester units of general and occupational work experience combined,
- the district only offers one course in a given occupational work experience field,
- the one course offered is not offered as a variable unit open-entry/open-exit course,
- the student does not exceed the maximum of eight units earned in one enrollment period in occupational work experience education.
In addition to not exceeding the limit of 16 semester units of general and occupational work experience combined, a maximum of six units may be earned during one enrollment period in general work experience education, students are not allowed to repeat general work experience courses. However, if the student received a substandard grade in a general work experience course, the student may be permitted to enroll again in the same course to alleviate that grade.

**Occupational Experience Education**

Occupational Experience Education offers qualified students working and learning in jobs relating to their career and educational goals, the opportunity to earn college credit. One of the benefits of this program is the community and college interaction, which involves employers, students, and faculty in a positive educational effort. Each student participating in Cooperative Work Experience Education is assigned to a faculty-advisor who meets with the student and his/her employer to discuss, define, develop and write measurable learning objectives in developing short- and long-range career goals. Cooperative Work Experience Education units satisfy a portion of the requirements for a 2-year degree and are transferable to most of the state colleges. The college offers the following Occupational Work Experience Education courses: ADMJ 043 CHST 035A CTRP 044 ELED 020A FDAT 084 HTCH 054A INTD 090A INTD 090B INTD 090C PARA 029B PMGT 020B WRKX 303

**GENERAL WORK EXPERIENCE EDUCATION:** General work experience education is supervised employment intended to assist students in acquiring desirable work habits, attitudes, and career awareness. The college offers the following General Work Experience course: WRKX 302G
Degrees and Certificates

DEGREES AND CERTIFICATES

Accounting

ACCOUNTING CLERK

Certificate of Achievement
The Accounting Clerk Certificate at West Valley College focuses on helping students develop bookkeeping and accounting clerk's skills using current accounting/bookkeeping software. Prerequisite skills and courses include having an understanding of the accounting cycle for a business from transaction analysis to financial statement preparation and possessing clear and effective writing skills. Possible job titles for certificate earners include but are not limited to auditor, bookkeeper, accounts receivable clerk, accounts payable clerk, and office manager. Certificate earners will be able to utilize current software to perform various accounting functions and will be able to apply the principles of business communications in a variety of business settings.

Program Learning Outcomes
Upon successful completion of this program a student will be able to:

- Utilize current accounting software to compute, classify, and record numerical data to keep financial records complete for a business.
- Successfully apply business communication and math skills in the office environment in which they will be performing bookkeeping and accounting tasks.

Required Courses (16 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT060</td>
<td>Accounting Fundamentals: Quickbooks</td>
<td>4</td>
</tr>
<tr>
<td>BUSN046</td>
<td>Excelling With Excel</td>
<td>3</td>
</tr>
<tr>
<td>BUSN062</td>
<td>Business Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>BUSN070</td>
<td>Effective Office Skills</td>
<td>3</td>
</tr>
<tr>
<td>BUSN078</td>
<td>Business Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Certificate Units: 16 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

Administration of Justice

ADMINISTRATION OF JUSTICE

Associate in Science Degree for Transfer
The Associate in Science in Administration of Justice for Transfer degree (AS-T in Administration of Justice) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Criminal Justice and Justice Studies. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C (or P) or better in all courses required for the major or area of emphasis.

Program Learning Outcomes
Upon successful completion of this program a student will be able to:

- Apply Constitutional principles to the practice of criminal justice.
- Describe the individual functions and integrations of the components of the criminal justice system: police, courts, and corrections.
- Develop, organize and write an objective report that meets the legal and detailed requirements of law enforcement agencies.
- Use legal research skills to locate, analyze, and discuss the content of statutory and case law.
- Explain the underlying causes of antisocial and criminal behavior.
- Apply critical thinking to research, evaluate, analyze and synthesize the appropriate procedures for the collection of evidence and data in criminal case preparation for law enforcement agencies.
- Examine criminal justice and/or social science data and explain their significance.
- Articulate, either orally or in writing, concepts or theories applicable to the criminal justice system.
- Apply Constitutional principles to the practice of criminal justice
- Articulate, either orally or in writing, concepts or theories applicable to the criminal justice system
- Apply critical thinking to research, evaluate, analyze and synthesize the appropriate procedures for the collection of evidence and data in criminal case preparation for law enforcement agencies
- Develop, organize and write an objective report that meets the legal and detailed requirements of law enforcement agencies
- Use legal research skills to locate, analyze, and discuss the content of statutory and case law
- Examine criminal justice and/or social science data and explain their significance
- Explain the underlying causes of antisocial and criminal behavior

Required Core Courses (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ001</td>
<td>Introduction to Administration of Justice</td>
<td>3</td>
</tr>
</tbody>
</table>

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Degrees and Certificates

List A (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ002</td>
<td>Concepts of Criminal Law</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ003</td>
<td>Principles &amp; Procedures of the Justice System</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ004</td>
<td>Legal Aspects of Evidence</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ005</td>
<td>Criminal Investigation</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ008</td>
<td>Juvenile Procedures</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ021</td>
<td>Community Relations</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ041</td>
<td>Introduction to Forensics</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ100G</td>
<td>Introduction to Corrections</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List B: Select any course from List A not already used or courses listed below. (6-7 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ014</td>
<td>Alcohol, Narcotics and Drug Abuse</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ015</td>
<td>Sexual Assault Investigation</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ023</td>
<td>Police Report Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ026</td>
<td>Organized Crime</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ032</td>
<td>Motorcycle, Prison, and Street Gangs</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ033</td>
<td>Introduction to Probation and Parole</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ034</td>
<td>Career Planning in Criminal Justice</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one: MATH010, MATH010H</td>
<td>Elementary Statistics Honors Elementary Statistics</td>
<td>4 units 4 units</td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 18-19 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

ADMINISTRATION OF JUSTICE: LAW ENFORCEMENT

Associate in Science Degree

The Administration of Justice Associate's Degree program at West Valley College focuses on preparing students for a diverse range of careers in law enforcement. The curriculum is designed to provide students with the basic skills that includes the theory and practice of law enforcement, correctional science and paralegal and legal assistant training. Law enforcement courses focus on police activities including effective patrol services to the public. Correctional science courses provide instruction on the incarceration process as well as rehabilitation of the offender. Potential careers specific to this degree include, but are not limited to: police officer or deputy sheriff, detention officer, correctional officer, probation officer, parole agent, and positions in the security and protective services area. Working professionals in criminal justice and corrections can earn significant pay increases by obtaining an Associate's Degree in Administration of Justice.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Interpret and apply established law and rules of evidence to a given law enforcement or corrections related situation.
- Identify and describe a minimum of one personal methodology for demonstrating an appreciation and respect for different cultures, and the ethnic diversity of a particular community.
- Apply established conflict resolution techniques for a given law enforcement or corrections related situation.
- Identify the appropriate application of force in response to a given law enforcement or corrections related matter or conflict scenario.
- Identify and describe an ethical and professional response when given a personal law enforcement or corrections related matter or conflict scenario.
- Use the appropriate interpersonal communication methodology, techniques or tactics for a given law enforcement or corrections related situation.
- Use legal research skills to locate, analyze, and discuss the content of statutory and case law.
- Explain the underlying causes of antisocial and criminal behavior.
- Apply critical thinking to research, evaluate, analyze and synthesize the appropriate procedures for the collection of evidence and data in criminal case preparation for law enforcement agencies.
- Describe the individual functions and integrations of the components of the criminal justice system: police, courts, and corrections.
- Articulate, either orally or in writing, concepts or theories applicable to the criminal justice system.
• Apply Constitutional principles to the practice of criminal justice.
• Develop, organize and write an objective report that meets the legal and detailed requirements of law enforcement agencies.

### Required Core Courses (21 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ001</td>
<td>Introduction to Administration of Justice</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ002</td>
<td>Concepts of Criminal Law</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ003</td>
<td>Principles &amp; Procedures of the Justice System</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ004</td>
<td>Legal Aspects of Evidence</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ005</td>
<td>Criminal Investigation</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ021</td>
<td>Community Relations</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ023</td>
<td>Police Report Writing</td>
<td>3 units</td>
</tr>
</tbody>
</table>

### Elective Courses (9 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ008</td>
<td>Juvenile Procedures</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ014</td>
<td>Alcohol, Narcotics and Drug Abuse</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ015</td>
<td>Sexual Assault Investigation</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ026</td>
<td>Organized Crime</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ032</td>
<td>Motorcycle, Prison, and Street Gangs</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ033</td>
<td>Introduction to Probation and Parole</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ034</td>
<td>Career Planning in Criminal Justice</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ041</td>
<td>Introduction to Forensics</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ100G</td>
<td>Introduction to Corrections</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 30 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

## Anthropology

### ANTHROPOLOGY

#### Associate in Arts Degree
The Associate of Arts in Anthropology Degree (AA in Anthropology) is designed to provide lower division education to students planning to transfer to a four-year institution in pursuit of a baccalaureate degree in Anthropology.

#### Program Learning Outcomes
Upon successful completion of this program a student will be able to:
• Demonstrate a holistic perspective on cultural, environmental, and/or biological systems that addresses cultural values, change, and interactions.
• Apply scientific methodologies, including descriptive, quantitative, or qualitative.
• Articulate key concepts and events in the process of human evolution.
• Demonstrate a core knowledge base in anthropology appreciating and reflecting on human diversity in the past and present.

#### Required Core Courses (9 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH001</td>
<td>Introduction to Physical Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH002</td>
<td>Introduction to Archaeology</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH003H</td>
<td>Honors Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
</tbody>
</table>

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## Elective Courses (11 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH004</td>
<td>Intro to Linguistic Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH055</td>
<td>Anthropology of Magic, Witchcraft, and Religion</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001A</td>
<td>Honors Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001B</td>
<td>Honors Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>GEOG001</td>
<td>Intro Physical Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOG002</td>
<td>Introduction to Cultural Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST004A</td>
<td>Western Civilization I: Prehistory to 1500 CE</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST004B</td>
<td>Western Civilization II: 1500 CE to Present</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST005A</td>
<td>World History: Prehistory to 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST005B</td>
<td>World History from 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST012</td>
<td>African American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST014</td>
<td>History of the Native North Americans</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST016</td>
<td>Mexican-American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017A</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017B</td>
<td>Honors United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST020</td>
<td>History and Geography of California</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI001</td>
<td>Honors American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Comparative Governments</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI002</td>
<td>Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI003</td>
<td>Honors Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI004</td>
<td>International Relations</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Experimental Psychophysiology</td>
<td>4 units</td>
</tr>
<tr>
<td>PSYC002</td>
<td>Honors Experimental Psychophysiology</td>
<td>4 units</td>
</tr>
<tr>
<td>PSYC007</td>
<td>Physiological Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC009</td>
<td>Psychology of Women: A Multicultural Perspective</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC012</td>
<td>Human Growth and Development</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC025</td>
<td>Introduction to Abnormal Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI002</td>
<td>Social Problems</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI040</td>
<td>Marriage and Family Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI045</td>
<td>Sociology of Human Sexuality</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 20 units
To be awarded an Associate Degree, a student must:
1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

ANTHROPOLOGY

Associate in Arts Degree for Transfer
The Associate in Arts in Anthropology for Transfer Degree (AA-T in Anthropology) is a 60 unit program which is designed to provide lower-division education to students planning to transfer to a CSU institution in pursuit of a baccalaureate degree in Anthropology. Students must complete the following ADT requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C (or P) or better in all courses required for the major or area of emphasis

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
• Apply scientific methodologies, including descriptive, quantitative, or qualitative.
• Demonstrate a holistic perspective on cultural, environmental, and/or biological systems that addresses cultural values, change, and interactions.

Required Core Courses (9 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH001</td>
<td>Introduction to Physical Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH002</td>
<td>Introduction to Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH003H</td>
<td>Honors Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
</tbody>
</table>

List A: Select one (3-5 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH004</td>
<td>Intro to Linguistic Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH010</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MATH010H</td>
<td>Honors Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

List B: Select one or any list A course not already used (3-5 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL047</td>
<td>Human Anatomy</td>
<td>5</td>
</tr>
<tr>
<td>GEOL001A</td>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>GEOL012</td>
<td>Earth Science with Lab</td>
<td>4</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC002</td>
<td>Experimental Psychophysiology</td>
<td>4</td>
</tr>
<tr>
<td>PSYC002H</td>
<td>Honors Experimental Psychophysiology</td>
<td>4</td>
</tr>
</tbody>
</table>

List C: Select one or any List A or List B course not already used (3-5 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH055</td>
<td>Anthropology of Magic, Witchcraft, and Religion</td>
<td>3</td>
</tr>
<tr>
<td>COMM012</td>
<td>Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>GEOG002</td>
<td>Introduction to Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>PHIL004</td>
<td>Comparative Religions</td>
<td>3</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units: 18-22 units
CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.
Architecture

Associate in Science Degree

The Architecture Program at West Valley College is primarily transfer oriented. It prepares students to enter 4- and 5-year Architecture programs at the university level. The degree exceeds 60 units as it is preparing students for the five year professional degree in Architecture. The Architecture courses at West Valley cover the following areas of study: building design, graphics, history, practical/technical communication, codes, construction, and structural design.


Program Learning Outcomes

Upon successful completion of this program a student will be able to:

• Select construction materials based upon their properties and methods of installation.
• Demonstrate creativity and problem-solving abilities in designing residential and commercial buildings.
• Apply principals of structural design.
• Apply mathematical skills to solve technical problems associated with architectural drawings.
• Use standard dimensions for space planning and human occupancy using Architectural Graphic Standards.
• Communicate effectively and professionally in the architectural environment through proper use of verbal, written and graphic techniques.
• Develop architectural drawings including construction drawings, and presentation drawings.
• Use computer graphics applications associated with architectural projects.
• Apply building codes, zoning codes, and ADA (Americans with Disabilities Act).
• Identify professional, ethical and societal responsibilities including respect for diversity.

Required Core Courses (31 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH043</td>
<td>Styles in Architecture</td>
<td>2 units</td>
</tr>
<tr>
<td>ARCH045</td>
<td>Architectural Building Codes</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH048</td>
<td>Digital Tools for Architecture</td>
<td>2 units</td>
</tr>
<tr>
<td>ARCH050</td>
<td>Construction Materials &amp; Methods</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH051</td>
<td>Architectural Graphics: Drawing &amp; Sketching</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH052</td>
<td>Architectural Graphics: Color Rendering</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH053</td>
<td>Introduction to Architectural and Environmental Design</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH056</td>
<td>Basic Architectural Design</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH061</td>
<td>Architectural Design I</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH062</td>
<td>Architectural Design II</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH063</td>
<td>Architectural Design III</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Elective Courses (7-9 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH046</td>
<td>History of Architecture</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH047</td>
<td>History of Modern Architecture</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH049</td>
<td>Introduction to Rhino</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH057</td>
<td>Architectural Model Making</td>
<td>1 unit</td>
</tr>
<tr>
<td>ARCH058</td>
<td>Introduction to Revit Architecture</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH060</td>
<td>Green Building &amp; Sustainable Design</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH064</td>
<td>Architectural Practice</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH066</td>
<td>Advanced Revit Architecture</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 38-40 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of “C” or better in the major requirements.
Degrees and Certificates

2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the 69-79-unit Associate Degree requirements.

ARCHITECTURE

Certificate of Achievement
The Architecture Certificate at West Valley College provides career technical education in the field of Architecture and primarily prepares students to work as technicians in different areas of the construction industry. The Architecture courses at West Valley cover the following areas of study: building design, graphics, history, practical/technical communication, codes, construction, and structural design. An increasing number of West Valley College courses leverage computer technology as an educational tool. Students, upon completion of this certificate, are prepared to work as technicians in the following careers: 1. Architecture 2. Landscape Architecture 3. Historic Preservation Architecture 4. Interior Design 5. Construction Management 6. Facilities Management 7. Specification Writing 8. Structural Engineering 9. Architectural Graphics

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
• Use standard dimensions for space planning and human occupancy using Architectural Graphic Standards.
• Use computer graphics applications associated with architectural projects.
• Communicate effectively and professionally in the architectural environment through proper use of verbal, written and graphic techniques.
• Develop architectural drawings and presentation drawings.
• Select construction materials based upon their properties and methods of installation.
• Identify professional, ethical and societal responsibilities including respect for diversity.
• Demonstrate creativity and problem-solving abilities in designing residential and commercial buildings.
• Apply mathematical skills to solve technical problems associated with architectural drawings.
• Apply building codes, zoning codes, and ADA (Americans with Disabilities Act).
• Demonstrate creativity and problem-solving abilities in designing residential and commercial buildings.
• Use standard dimensions for space planning and human occupancy using Architectural Graphic Standards.
• Communicate effectively and professionally in the architectural environment through proper use of verbal, written and graphic techniques.
• Apply mathematical skills to solve technical problems associated with architectural drawings.
• Develop architectural drawings including construction drawings, and presentation drawings.
• Use computer graphics applications associated with architectural projects.
• Select construction materials based upon their properties and methods of installation.
• Apply principals of structural design.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH043</td>
<td>Styles in Architecture</td>
<td>2 units</td>
</tr>
<tr>
<td>ARCH045</td>
<td>Architectural Building Codes</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH049</td>
<td>Introduction to Rhino</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH050</td>
<td>Construction Materials &amp; Methods</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH051</td>
<td>Architectural Graphics: Drawing &amp; Sketching</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH052</td>
<td>Architectural Graphics: Color Rendering</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH056</td>
<td>Basic Architectural Design</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH057</td>
<td>Architectural Model Making</td>
<td>1 unit</td>
</tr>
<tr>
<td>ARCH058</td>
<td>Introduction to Revit Architecture</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH061</td>
<td>Architectural Design I</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH062</td>
<td>Architectural Design II</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH066</td>
<td>Advanced Revit Architecture</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 33 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

LANDSCAPE ARCHITECTURE

Certificate of Achievement
The Landscape Architecture Certificate at West Valley College primarily prepares students to work as technicians in different areas of the landscape and construction industry. The Architecture courses at West Valley cover the following areas of study: building design, graphics, history, practical/technical communication, codes, construction, and structural design. An increasing number of West Valley College courses leverage computer technology as an educational tool. Students, upon completion of this certificate, are prepared to work in the following careers: 1. Landscape Architecture Draftsperson 2. Architecture Draftsperson 3. Resource Manager 4. Landscape Designer 5. Facilities Manager 6. Landscape Contractor 7. Landscape Industry Representative

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
• Develop landscape architectural drawings and presentation drawings.
• Demonstrate creativity and problem-solving abilities in landscape design for residential, commercial, and public sites.
• Use standard dimensions for space planning and human occupancy using Landscape Architectural Graphic Standards.
• Identify professional, ethical and societal responsibilities including respect for diversity.
• Select landscape construction materials based upon their properties and methods of installation.
• Apply mathematical skills to solve technical problems associated with landscape architectural drawings.
• Communicate effectively and professionally in the landscape architectural environment through proper use of verbal, written and graphic techniques.
• Use computer graphics applications associated with landscape architectural projects.

### Required Core Courses (26 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH045</td>
<td>Architectural Building Codes</td>
<td>3</td>
</tr>
<tr>
<td>ARCH050</td>
<td>Construction Materials &amp; Methods</td>
<td>3</td>
</tr>
<tr>
<td>ARCH051</td>
<td>Architectural Graphics: Drawing &amp; Sketching</td>
<td>3</td>
</tr>
<tr>
<td>ARCH056</td>
<td>Basic Architectural Design</td>
<td>3</td>
</tr>
<tr>
<td>ARCH058</td>
<td>Introduction to Revit Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARCH072</td>
<td>History of Landscape Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARCH081</td>
<td>Landscape Plants: Summer &amp; Autumn</td>
<td>3</td>
</tr>
<tr>
<td>ARCH082</td>
<td>Landscape Plants: Winter &amp; Spring</td>
<td>3</td>
</tr>
<tr>
<td>ARCH083</td>
<td>Plant Composition</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Certificate Units: 26 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

### Art

#### ART HISTORY

**Associate in Arts Degree for Transfer**

The Associate in Arts in Art History for Transfer Degree (AA-T in Art History) is a 60 unit program which is designed to provide lower-division education to students planning to transfer to a CSU institution in pursuit of a baccalaureate degree in Art History or an emphasis in Art History. Students must complete the following ADT requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C or better in all courses required for the major or area of emphasis.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
• Attribute selected unknown works of art to the artist, culture, country, and/or style, giving the reasons for attribution.
• Respond to works of art on both intellectual and emotional levels.
• Recognize and analyze iconography specific to non-western cultures.

#### Required Core Courses (9 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARTS001A</td>
<td>Survey of Western Art I</td>
<td>3</td>
</tr>
<tr>
<td>ARTS001AH</td>
<td>Honors Survey of Western Art I</td>
<td>3</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARTS001B</td>
<td>Survey of Western Art II</td>
<td>3</td>
</tr>
<tr>
<td>ARTS001BH</td>
<td>Honors Survey of Western Art II</td>
<td>3</td>
</tr>
<tr>
<td>ARTS031A</td>
<td>Beginning Drawing</td>
<td>3</td>
</tr>
</tbody>
</table>

#### List A: Select one (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS001J</td>
<td>Survey of Non-Western Art: Africa, Oceania, and Indigenous North America</td>
<td>3</td>
</tr>
<tr>
<td>ARTS007</td>
<td>The Art of Asia</td>
<td>3</td>
</tr>
<tr>
<td>ARTS012A</td>
<td>Art of Pre-Hispanic Mexico</td>
<td>3</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

#### List B: Select one (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS031B</td>
<td>Expressive Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS033A</td>
<td>Two-Dimensional Design</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS033C</td>
<td>Color Design</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS035A</td>
<td>Beginning Life Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS049A</td>
<td>Beginning Painting</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS055</td>
<td>Introduction to Computer Arts</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS062A</td>
<td>Basic Photography</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS065A</td>
<td>Ceramics-Handbuilding</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS067A</td>
<td>Ceramics-Potter’s Wheel</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS081</td>
<td>3-Dimensional Design</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS085A</td>
<td>Sculpture</td>
<td>3 units</td>
</tr>
</tbody>
</table>

#### List C: Select one (including any course from List A or B not already used) (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only one: ARTS001D</td>
<td>Survey of Modern Art</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS001DH</td>
<td>Honors Art of the 20th Century</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS001E</td>
<td>Design in Society</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS001G</td>
<td>History of Photography</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS010</td>
<td>American Art: A Multicultural Approach</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS013</td>
<td>African-American Art History</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS014</td>
<td>Women in Art History</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 18 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

## PORTFOLIO DEVELOPMENT IN STUDIO ARTS

### Certificate of Achievement

The Certificate of Portfolio Development in Studio Arts is a 24-27 unit certificate designed to provide students with a broad experience in a variety of media along with the opportunity to progress in a specific area of concentration. The certificate as a stand-alone is appropriate for the returning professional who is seeking to develop their Studio Arts portfolio. The certificate, in conjunction with the Associate Degree for Transfer (AD-T) in Studio Arts is appropriate for the competitive portfolio-review requirements of the BFA (Bachelor of Fine Arts) bound transfer student. Students complete a shared core of 15-units in drawing, 2D & 3D design, digital media and photography, while also completing 3 additional courses in one of the following discipline areas: Drawing/Painting, Sculpture/Ceramics, Photography, or Animation.

### Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Utilize industry standard tools and techniques in order to produce professional quality work in a particular genre (form, style, or subject matter).
- Give and receive constructive critical feedback both in writing and verbal communications
- Demonstrate a fundamental understanding of design principles, art concepts and vocabulary across a variety of media
- Recognize parallel applications in other media
- Manage the research, concept design, planning, production, exhibition and distribution of original work

### Core Courses (15 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS031A</td>
<td>Beginning Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS033A</td>
<td>Two-Dimensional Design</td>
<td>3 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS055</td>
<td>Introduction to Computer Arts</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS062A</td>
<td>Basic Photography</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS081</td>
<td>3-Dimensional Design</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Complete 3 courses from one concentration (Animation, Drawing/Painting, Photography, Sculpture/Ceramics) (9-12 units)

<table>
<thead>
<tr>
<th>Concentration: Animation</th>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ARTS057A</td>
<td>Animation I</td>
<td>4 units</td>
</tr>
<tr>
<td></td>
<td>ARTS057B</td>
<td>Animation II</td>
<td>4 units</td>
</tr>
<tr>
<td></td>
<td>ARTS057C</td>
<td>Animation III</td>
<td>4 units</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Concentration: Drawing/Painting</th>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ARTS031B</td>
<td>Expressive Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS031C</td>
<td>Representational Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS031C</td>
<td>Color Design</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS031A</td>
<td>Beginning Life Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS031B</td>
<td>Intermediate Life Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS031C</td>
<td>Intermediate-Advanced Life Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS031D</td>
<td>Advanced Life Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS047A</td>
<td>Beginning Watercolor</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS047B</td>
<td>Intermediate Watercolor</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS047C</td>
<td>Intermediate-Advanced Watercolor</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS047D</td>
<td>Advanced Watercolor</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS049A</td>
<td>Beginning Painting</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS049B</td>
<td>Intermediate Painting</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS049C</td>
<td>Intermediate-Advanced Painting</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS049D</td>
<td>Advanced Painting</td>
<td>3 units</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Concentration: Photography</th>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ARTS062B</td>
<td>Black and White Photography</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS062C</td>
<td>Color Photography</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS062D</td>
<td>Studio Photography</td>
<td>3 units</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Concentration: Sculpture/Ceramics</th>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ARTS065A</td>
<td>Ceramics-Handbuilding</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS065B</td>
<td>Ceramics-Handbuilding II</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS065C</td>
<td>Ceramics-Handbuilding III</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS065D</td>
<td>Advanced Handbuilt Ceramics IV</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS067A</td>
<td>Ceramics-Potter’s Wheel</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS067B</td>
<td>Ceramics-Potter’s Wheel</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS085A</td>
<td>Sculpture</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS085B</td>
<td>Sculpture</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS088A</td>
<td>Metal Sculpture Casting</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>ARTS088B</td>
<td>Metal Sculpture Casting</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 24-27 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

### STUDIO ARTS

#### Associate in Arts Degree for Transfer

The Associate in Arts in Studio Arts for Transfer degree (AA-T in Studio Arts) is designed to provide lower division education to students planning to transfer to a CSU institution in pursuit of a baccalaureate degree in Art, Visual and Public Art or Visual and Performing Arts. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C or better in all courses required for the major or area of emphasis.

#### Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Create drawings that demonstrate proportion, value, volume, composition, chiaroscuro and perspective and techniques of pencil, ink and charcoal application.
- Create an art project that uses the elements of design point, line, plane, value, and other design principles of organization.
- Examine and evaluate artwork in terms of strengths and goals.
Required Core Courses (12 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS001B</td>
<td>Survey of Western Art II</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS001BH</td>
<td>Honors Survey of Western Art II</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS031A</td>
<td>Beginning Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS033A</td>
<td>Two-Dimensional Design</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS081</td>
<td>3-Dimensional Design</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List A: Select one (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS001A</td>
<td>Survey of Western Art I</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS001AH</td>
<td>Honors Survey of Western Art I</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS001E</td>
<td>Design in Society</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS001J</td>
<td>Survey of Non-Western Art: Africa, Oceania, and</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>Indigenous North America</td>
<td></td>
</tr>
<tr>
<td>ARTS007</td>
<td>The Art of Asia</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List B: Select 3 (9-10 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS031B</td>
<td>Expressive Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS035A</td>
<td>Beginning Life Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS049A</td>
<td>Beginning Painting</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS065A</td>
<td>Ceramics-Handbuilding</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS067A</td>
<td>Ceramics-Potter’s Wheel</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS085A</td>
<td>Sculpture</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS055</td>
<td>Introduction to Computer Arts</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS062A</td>
<td>Basic Photography</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS033C</td>
<td>Color Design</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS049B</td>
<td>Intermediate Painting</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS057A</td>
<td>Animation I</td>
<td>4 units</td>
</tr>
<tr>
<td>ARTS065B</td>
<td>Ceramics-Handbuilding II</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS067B</td>
<td>Ceramics-Potter’s Wheel</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS085B</td>
<td>Sculpture</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 24-25 units
CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

Aviation

UNMANNED AIRCRAFT SYSTEM TECHNOLOGY

Certificate of Achievement
This certificate is designed to prepare students to enter the workplace with new skills to enhance their current positions and create new opportunities in the field of Unmanned Aircraft Technology. Students have the opportunity to learn and apply skills through hands-on experience working directly in both public and private sector organizations. The required coursework provides students with the opportunity to develop skills to manage and plan flight operations and to collect and process imagery data for analysis. Students develop skills that they can apply in multiple applications including agriculture, natural and cultural resources management, emergency response, aerial videography, and photography. Students prepare for and complete practice exams for the FAA.
Degrees and Certificates

Part 107 exam. Potential careers for students upon completing the certificate are UAS Remote Pilot, UAS Maintenance Technician, UAS Avionics Technician, Aerial Videographer, and Image Analyst Technician.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Demonstrate a basic knowledge of aircraft systems, to include airframe, power plants and flight instruments.
- Demonstrate a basic knowledge of aircraft systems, to include fixed wing and rotor-wing UAS systems.
- Demonstrate image analysis techniques with Unmanned Aircraft derived images.
- Select the correct aircraft and sensor to accomplish the data collection mission.
- Demonstrate basic knowledge of the National Airspace and all of the FAA regulations regarding drone use in the United States.

Required Core Courses (18 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVIA030A</td>
<td>Aviation - Pilot Ground School</td>
<td>3 units</td>
</tr>
<tr>
<td>AVIA030B</td>
<td>Introduction to Unmanned Aircraft Systems</td>
<td>3 units</td>
</tr>
<tr>
<td>AVIA030C</td>
<td>UAS Image Analysis and Visualization</td>
<td>3 units</td>
</tr>
<tr>
<td>AVIA030D</td>
<td>UAS Flight Operations and Flight Planning</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT020A</td>
<td>Employment Preparation</td>
<td>1 unit</td>
</tr>
<tr>
<td>PMGT020B</td>
<td>Internship</td>
<td>2 units</td>
</tr>
<tr>
<td>Select one:</td>
<td>GIST016A</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>GIST016G</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>Introduction to Geospatial Technology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Introduction to Remote Sensing</td>
<td></td>
</tr>
</tbody>
</table>

Total Certificate Units: 18 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

UNMANNED AIRCRAFT TECHNOLOGY

Associate in Science Degree

This Associate of Science degree in Unmanned Aircraft Technology is designed to prepare students to enter the workplace with new skills to enhance their current positions and create new opportunities in the field of Unmanned Aircraft Technology. The required and elective courses provide students the ability to apply skills through hands-on experience working directly in both public and private sector organizations. Students demonstrate the skills necessary to manage and plan flight operations, collect data, and process imagery for analysis. Students also have the opportunity to develop skills that they can apply in multiple applications including agriculture, natural and cultural resources management, emergency response, aerial videography, and photography. Students will prepare for and complete practice exams for the FAA Part 107 exam. Potential careers for students upon completing the certificate are UAS Remote Pilot, UAS Maintenance Technician, UAS Avionics Technician, Aerial Videographer, and Image Analyst Technician.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Demonstrate basic knowledge of aircraft systems, including airframe, power plants, and flight instruments.
- Demonstrate basic knowledge of aircraft systems, including fixed-wing and rotor-wing UAS systems.
- Demonstrate image analysis techniques with Unmanned Aircraft derived images.
- Select the correct aircraft and sensor to accomplish the data collection mission.
- Demonstrate basic knowledge of the National Airspace and all of the FAA regulations regarding drone use in the United States.

Required Courses (21 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVIA030A</td>
<td>Aviation - Pilot Ground School</td>
<td>3 units</td>
</tr>
<tr>
<td>AVIA030B</td>
<td>Introduction to Unmanned Aircraft Systems</td>
<td>3 units</td>
</tr>
<tr>
<td>AVIA030C</td>
<td>UAS Image Analysis and Visualization</td>
<td>3 units</td>
</tr>
<tr>
<td>AVIA030D</td>
<td>UAS Flight Operations and Flight Planning</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016A</td>
<td>Introduction to Geospatial Technology</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016G</td>
<td>Introduction to Remote Sensing</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT 020A and PMGT 020B must be taken together. PMGT020A PMGT020B</td>
<td>Employment Preparation Internship</td>
<td>1 unit 2 units</td>
</tr>
</tbody>
</table>
Electives (9-12 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS062A</td>
<td>Basic Photography</td>
<td>3 units</td>
</tr>
<tr>
<td>AVIA030E</td>
<td>Drone Videography and Photography</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL012</td>
<td>Introduction to Ecology and Wildlife</td>
<td>4 units</td>
</tr>
<tr>
<td>BUSN015</td>
<td>The Entrepreneurial Mindset</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM022A</td>
<td>Digital Video 1</td>
<td>4 units</td>
</tr>
<tr>
<td>ENGR010</td>
<td>Introduction to Engineering</td>
<td>4 units</td>
</tr>
<tr>
<td>GIST016C</td>
<td>Spatial Analysis for GIS</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT026</td>
<td>Regenerative Agriculture for Parks</td>
<td>3 units</td>
</tr>
<tr>
<td>PSCI020</td>
<td>Weather and Climate</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 30-33 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

Biology

BIOLOGICAL SCIENCES

Associate in Science Degree

The Associate in Science in Biological Sciences (AS in Biological Sciences) supports students wishing to transfer into academic pathways that include a variety of biological based degrees, ranging from health sciences and physiology to cell biology, zoology and field biology. This program is designed for students interested in acquiring a solid foundation in basic biology, evolutionary theory, and the scientific method. The Biological Sciences Program is transfer-oriented and prepares students to enter four-year baccalaureate majors at the university level. Students will have the opportunity to develop an understanding of basic principles of biology such as, cell theory, genetics, evolution by natural selection, patterns of forms and function, conversion of matter and energy in biological systems, and current issues related to health and the environment. Those who major in biological sciences can transfer to a four-year university where students have the opportunity to complete a Bachelor’s Degree in a variety of biology specific disciplines, such as Botany, Kinesiology, Molecular Biology, Zoology, Marine Biology, Environmental Sciences, Microbiology, Neurobiology, General Biology, and Ecology and Evolutionary Biology. The Biological Sciences support a wide array of transfer majors. Students should consult counselors at both West Valley College and their transfer institutions to determine the Biological Sciences A.S. course pathway most suitable for the degree they seek. Career options for Associate in Science in Biological Sciences degree (AS in Biological Sciences) include but are not limited to: A) Medical assistant B) Pharmaceutical and medical sales C) Agricultural and food science technician D) Biological technician E) Forest and conservation technician F) Research assistant G) Plant science technician H) Docent Career options in Bachelors in Science degrees in Biological Sciences include but are not limited to: A) Optometrist B) Dentist C) Veterinarian D) Pharmacist E) Physician Assistant F) Doctor G) Biological Technician H) Podiatrist I) Occupational Therapist J) Wildlife Biologist/Conservationist K) Bioinformatic Scientist L) Cell and Molecular Biologist M) Marine Biologist N) Environmental Scientist O) Geneticist/Genetic Counselor P) Pharmaceutical Developer Q) Educator R) Forensic Scientist

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

• Demonstrate critical thinking and observational skills by applying knowledge of biological principles and concepts to a novel problem.
• Demonstrate knowledge of the scientific method by applying to a laboratory problem.
• Demonstrate proper use of laboratory equipment, techniques and/or technology commonly employed in the field of biology.
• Demonstrate critical thinking and observational skills by applying knowledge of biological principles and concepts to a novel problem.
• Demonstrate knowledge of the scientific method by applying to a laboratory problem.
• Demonstrate proper use of laboratory equipment, techniques and/or technology commonly employed in the field of biology.

Required Core Courses (15 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology Majors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL041</td>
<td>Principles of Animal Biology</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL042</td>
<td>Principles of Plant Biology</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL043</td>
<td>Principles of Cell Biology</td>
<td>5 units</td>
</tr>
<tr>
<td>Health Science Majors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL045</td>
<td>Microbiology</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL047</td>
<td>Human Anatomy</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL048</td>
<td>Human Physiology</td>
<td>5 units</td>
</tr>
<tr>
<td>Course Number</td>
<td>Course Title</td>
<td>Units</td>
</tr>
<tr>
<td>---------------</td>
<td>--------------------------------------------------</td>
<td>-----------</td>
</tr>
</tbody>
</table>
| BIOL 002 and BIOL 002L are linked. BIOL002 BIOL002L | Environmental Biology  
Environmental Biology Laboratory | 3 units  
1 unit |
| BIOL 010 and BIOL 010L must be taken together. BIOL010 BIOL010L | Introduction to Biology  
Introduction to Biology Lab | 3 units  
1 unit |
| BIOL011       | Human Biology                                    | 4 units   |
| BIOL012       | Introduction to Ecology and Wildlife             | 4 units   |
| BIOL013       | Natural History of California                    | 3 units   |
| BIOL014       | California Plants and Animals                    | 4 units   |
| BIOL018       | Marine Biology                                   | 4 units   |
| BIOL022       | Genetics                                         | 4 units   |
| BIOL023       | Introduction to Infectious Diseases              | 3 units   |
| BIOL024       | Bio in the News                                  | 3 units   |
| BIOL025       | Lab Technician Methods                           | 2 units   |
| BIOL027       | Scientific Literacy and Technical Writing        | 1 unit    |
| BIOL035       | Biology of Birds                                 | 4 units   |
| BIOL036       | Animal Behavior                                  | 3 units   |
| BIOL037       | Evolution - Life on Earth                        | 3 units   |
| BIOL038       | Biodiversity and Extinction: Hotspots, Crisis and Conservation | 3 units |
| BIOL040       | Organismal Biology                               | 4 units   |
| BIOL041       | Principles of Animal Biology                     | 5 units   |
| BIOL042       | Principles of Plant Biology                      | 5 units   |
| BIOL043       | Principles of Cell Biology                       | 5 units   |
| BIOL045       | Microbiology                                     | 5 units   |
| BIOL047       | Human Anatomy                                    | 5 units   |
| BIOL048       | Human Physiology                                 | 5 units   |
| BIOL050       | Human Cadaver Dissection                         | 1 unit    |
| BIOL055       | Biology of Sex                                   | 3 units   |
| BIOL056       | Ecology of the Sierra Nevada                     | 3 units   |
| BIOL058       | Field Ecology                                    | 3 units   |
| BIOL059       | Climate Change                                   | 3 units   |

**List B Electives (4-5 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology Majors CHEM001A</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>Health Science Majors CHEM030A</td>
<td>Fundamentals of Chemistry</td>
<td>4 units</td>
</tr>
</tbody>
</table>

Total Major Units: 21-30 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of "C" or better in the major requirements.
Degrees and Certificates

2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

BIOLOGY

Associate in Science Degree for Transfer

The Associate in Science in Biology for Transfer degree (AS-T in Biology) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Biology. Students must complete the following requirements: 1. A minimum of 60 semester or 90 quarter CSU-transferable units 2. The California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. Obtainment of a minimum grade point average (GPA) of 2.0. 5. Earn a grade of "C" (or "P") or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Set up of experiments implementing the scientific method
- Communicate core biological principles both orally and in writing
- Use critical thinking and observational skills when applying knowledge of biological principles and concepts to novel problems
- Apply the procedures of the scientific method,
- Collect and analyze data, identify of sources of errors, and interpret results
- Present the results of experiments, and their analysis of biological problems
- Demonstrate an understanding of how principles of evolution by natural selection impact living systems and how information stored in DNA is transmitted and expressed in biological systems
- Demonstrate an understanding of how conversion of matter and energy are fundamental in living systems
- Demonstrate knowledge of the relationship between structure and function in biological systems
- Acquire laboratory competence by developing and refining technical and analytical skills.
- Use critical thinking and observational skills when applying knowledge of biological principles and concepts to novel problems.
- Communicate core biological principles both orally and in writing.
- Formulate and test hypotheses employing the scientific method, design or implement controlled experiments or observational studies, and collect, interpret and present biological data.
- Explain the significance of fundamental biological processes and phenomena including biological chemistry and enzymes, cell morphology, DNA replication, cell division, gene expression, photosynthesis, cellular respiration, metabolic pathways, conservation of matter and energy, and homeostasis.
- Describe the principles of evolution by natural selection and explain how they impact living systems.
- Demonstrate the relationship between structure and function in biological systems.
- Apply ecological principles to explain the interconnectedness of organisms in the environment.
- Describe and identify key shared characteristics and taxonomic classifications of representative specimens and discuss their phylogenetic modifications.

Required Core Courses (9 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL040</td>
<td>Organismal Biology</td>
<td>4 units</td>
</tr>
<tr>
<td>BIOL043</td>
<td>Principles of Cell Biology</td>
<td>5 units</td>
</tr>
</tbody>
</table>

List A: (25 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM001A</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM001B</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH003A</td>
<td>Calculus and Analytic Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003AH</td>
<td>Honors Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
</tbody>
</table>

Students should take either PHYS002A and PHYS002B OR PHYS004A and PHYS004B. (10 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Take PHYS002A and PHYS002B. PHYS002A</td>
<td>General Physics - Mechanics General Physics - Electricity and Magnetism</td>
<td>5 units</td>
</tr>
<tr>
<td>PHYS002B</td>
<td></td>
<td>5 units</td>
</tr>
<tr>
<td>Take PHYS004A and PHYS004B. PHYS004A</td>
<td>Engineering Physics-Mechanics Engineering Physics - Electricity and Magnetism</td>
<td>5 units</td>
</tr>
<tr>
<td>PHYS004B</td>
<td></td>
<td>5 units</td>
</tr>
</tbody>
</table>

Total Major Units: 34 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.
ECOLOGY, BIODIVERSITY AND CONSERVATION

Associate in Science Degree

The goals of the Ecology, Biodiversity and Conservation Associate degree are to educate students in diverse areas of ecological and environmental science in order to understand conservation of the biodiversity found in the natural world. Students will receive a broad overview of topics such as ecological patterns, biodiversity, extinction, conservation, and evolution. The degree may exceed 60 units if students select higher unit courses. Through this associate degree, the student will develop the ability to think logically, analyze data, apply critical thinking and scientific methodology, and develop problem-solving skills necessary for success in any field of study. The coursework exposes students to the stunning biological resources and deep interconnections of natural systems. This degree is designed for students who have a passionate interest in the natural world who wish to pursue employment opportunities in natural resources within the parks, open space and land management fields. These positions include field research assistants, open space technicians, park interpreters or maintainers, natural resource managers or environmental advocates with governmental and non-governmental organizations. The Ecology, Biodiversity and Conservation degree can also be used for transfer to four-year universities (with the appropriate course selection) where students will have the opportunity to complete a Bachelor's degree in Biology, Environmental Biology, Ecology, and Evolutionary Biology, Marine Biology, Evolution and Ecology, Integrative Biology, Evolution, Ecology & Biodiversity, Environmental Science, Ecology, Behavior and Evolution, Conservation Biology, Wildlife Management, Conservation, and Resource Studies. Career Options: Agricultural Biologist, Biochemist, Biologist, Botanist, Entomologist, Environmental Specialist, Fish and Game Technical Aide, Fish and Game Warden, Park Ranger, Conservation Science, Forester, Horticulturist, Habitat Restoration, Ecologist, Laboratory Technician, Marine Biologist, Citizen Science Coordinator, Climate Change Biology, Environmental Lawyer, Environmental Outreach and Education, Park Naturalist/Ranger, Research Assistant, Conservation Biologist/Technician, Conservation Researcher, Trail Docent, Researcher, Scientific Illustrator, Educator, Technical/Science Writer, Naturalist, Park Management, Veterinarian, Wildlife Biologist/Consultant, Wildlife Technician, Zoo Curator, Zoologist, Field Biologist, Nature Interpreter, Environmental Consultant, Environmental Technician, Environmental Policy and Management, Green Technology.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Demonstrate knowledge of the scientific method by applying to a laboratory problem.
- Evaluate and demonstrate ability to make informed decisions pertaining to the environment.
- Apply proper use of laboratory equipment, techniques and/or technology commonly employed in the field of biology.
- Demonstrate critical thinking and/or observational skills by applying knowledge of biological principles and concepts to a novel problem.
- Demonstrate knowledge of the relationship between the structure of a biological component (such as an organism or ecological system) and its function.
- Analyze and illustrate how evolution by natural selection can be seen at every level in the hierarchy of life.
- Demonstrate knowledge of how biological systems depend on obtaining, converting and releasing energy and matter.

Required Core Courses. (14-21 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL002</td>
<td>Environmental Biology</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL037</td>
<td>Evolution - Life on Earth</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL038</td>
<td>Biodiversity and Extinction: Hotspots, Crisis and Conservation</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL012</td>
<td>Introduction to Ecology and Wildlife</td>
<td>4 units</td>
</tr>
<tr>
<td>Select one</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL013</td>
<td>Natural History of California</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL014</td>
<td>California Plants and Animals</td>
<td>4 units</td>
</tr>
</tbody>
</table>

Students must take either BIOL 040 OR both BIOL 041 AND BIOL 042. (4-10 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL040</td>
<td>Organismal Biology</td>
<td>4 units</td>
</tr>
<tr>
<td>Both:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL041</td>
<td>Principles of Animal Biology</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL042</td>
<td>Principles of Plant Biology</td>
<td>5 units</td>
</tr>
</tbody>
</table>

List A: Select 2 courses different from above (6-9 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL002</td>
<td>Environmental Biology</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL013</td>
<td>Natural History of California</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL014</td>
<td>California Plants and Animals</td>
<td>4 units</td>
</tr>
<tr>
<td>BIOL018</td>
<td>Marine Biology</td>
<td>4 units</td>
</tr>
<tr>
<td>BIOL024</td>
<td>Bio in the News</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL035</td>
<td>Biology of Birds</td>
<td>4 units</td>
</tr>
<tr>
<td>BIOL036</td>
<td>Animal Behavior</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL037</td>
<td>Evolution - Life on Earth</td>
<td>3 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL038</td>
<td>Biodiversity and Extinction: Hotspots, Crisis and Conservation</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL043</td>
<td>Principles of Cell Biology</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL055</td>
<td>Biology of Sex</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL056</td>
<td>Ecology of the Sierra Nevada</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL058</td>
<td>Field Ecology</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL059</td>
<td>Climate Change</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**List B: Select a minimum of 2 courses from below, or one course may be from List A (5-10 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH001</td>
<td>Introduction to Physical Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH003H</td>
<td>Honors Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH060</td>
<td>Green Building &amp; Sustainable Design</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL002L</td>
<td>Environmental Biology Laboratory</td>
<td>1 unit</td>
</tr>
<tr>
<td>BIOL027</td>
<td>Scientific Literacy and Technical Writing</td>
<td>1 unit</td>
</tr>
<tr>
<td>CHEM001A</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM001B</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM012A</td>
<td>Organic Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM012B</td>
<td>Organic Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM030A</td>
<td>Fundamentals of Chemistry</td>
<td>4 units</td>
</tr>
<tr>
<td>CHEM030B</td>
<td>Fundamentals of Chemistry</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM008</td>
<td>Interpersonal Communication</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOG001</td>
<td>Intro Physical Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOL001A</td>
<td>Physical Geology</td>
<td>4 units</td>
</tr>
<tr>
<td>GEOL015</td>
<td>Geology of California</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOL020</td>
<td>Field Geology</td>
<td>2 units</td>
</tr>
<tr>
<td>GIST016A</td>
<td>Introduction to Geospatial Technology</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016B</td>
<td>Mobile GIS</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST014</td>
<td>History of the Native North Americans</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH003A</td>
<td>Calculus and Analytic Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003AH</td>
<td>Honors Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH010</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010H</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>OCEA010</td>
<td>Introduction to Oceanography</td>
<td>4 units</td>
</tr>
<tr>
<td>PHIL003</td>
<td>Introduction to Ethics</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL017</td>
<td>Logic &amp; Critical Reasoning</td>
<td>3 units</td>
</tr>
<tr>
<td>PHYS004A</td>
<td>Engineering Physics-Mechanics</td>
<td>5 units</td>
</tr>
<tr>
<td>PHYS004B</td>
<td>Engineering Physics - Electricity and Magnetism</td>
<td>5 units</td>
</tr>
<tr>
<td>PHYS004C</td>
<td>Engineering Physics-Light, Heat and Waves</td>
<td>5 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

Course Number | Course Title                                | Units
---------------|---------------------------------------------|------
PMGT011        | Park Communications                         | 2 units
PMGT014        | Conservation of Our Natural Resources       | 3 units
PMGT015B       | Natural and Cultural Resource Interpretation| 3 units
PMGT017        | Basic Horticulture for Parks                | 3 units

Only one:

- PSYC001
- PSYC001H

General Psychology
Honors General Psychology

3 units
3 units

PSYC017
Introduction to Social Psychology
3 units

SOCI001
Introduction to Sociology
3 units

Only one:

- SOCI002
- SOCI002H

Social Problems
Honors Social Problems

3 units
3 units

Total Major Units: 25-40 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

Business Administration

BUSINESS ADMINISTRATION

Associate in Science Degree

The Business Administration AS degree at West Valley College focuses on preparing students for a diverse range of careers in the business world. The curriculum is designed to provide students with the basic skills that all business professionals should have, including an understanding of the world of business, marketing, human relations, communication skills, modern office skills, and understanding how business is viewed from a socio-cultural point of view. The courses are designed for students who do not have previous experience in business. The required courses for this degree prepare students not only for transfer to a four-year university, but also for jobs in a general business office setting, or prepare students already in business for promotions at work. The courses aim to develop skills in business analytics, team projects, critical thinking, modern office administration skills, and understanding organizational behavior and key behavioral dynamics of people at work. Potential careers specific to this degree include, but are not limited to: office manager, executive assistant, financial analyst, project management, human relations specialists, and marketing.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Demonstrate critical thinking skills for analyzing legal and business cases.
- Develop and prepare team based projects and professional business presentations.
- Utilize mathematical skills to solve business math problems.
- Apply introductory business theories and concepts to researching and analyzing contemporary business issues.
- Research and write strategic business and marketing plans.
- Develop and prepare team based projects and professional business presentations.
- Demonstrate critical thinking skills for analyzing legal and business cases.
- Apply introductory business theories and concepts to researching and analyzing contemporary business issues.
- Research and write strategic business and marketing plans.
- Utilize mathematical skills to solve business math problems

Core Courses (29 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT050</td>
<td>Accounting for Small Business</td>
<td>1 unit</td>
</tr>
<tr>
<td>BUSN015</td>
<td>The Entrepreneurial Mindset</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUSN024</td>
<td>International Business Management Strategic Management</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN036</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>Select one</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUSN028</td>
<td>Business Law</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN028H</td>
<td>Honors Business Law</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN046B</td>
<td>Beginning Spreadsheets: Microsoft Excel</td>
<td>1 unit</td>
</tr>
<tr>
<td>Select one</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUSN051</td>
<td>Introduction to Business</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>Business, Government, and Society</td>
<td>3 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSN061</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUSN054</td>
<td>Small Business Start Up and Management</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN056</td>
<td>Marketing Principles</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN062</td>
<td>Business Mathematics</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN070</td>
<td>Effective Office Skills</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN078</td>
<td>Business Communication</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**Electives (6 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSN005</td>
<td>Introduction to Project Management</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN006</td>
<td>Negotiation Principles</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN034</td>
<td>Human Resource Management</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN036</td>
<td>Strategic Management</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN040</td>
<td>Sales Strategies</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN066</td>
<td>Human Relations in Business</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN068</td>
<td>Organizational Behavior</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN081</td>
<td>Advertising Principles</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 35 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

### BUSINESS ADMINISTRATION 2.0

**Associate in Science Degree for Transfer**

The Associate in Science in Business Administration 2.0 for Transfer Degree (AS-T in Business Administration 2.0) is a 60-unit program that provides students the lower division course work required for transfer to a CSU institution with a similar major in Business Administration. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units. 2. the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C (or P) or better in all courses required for the major or area of emphasis.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Apply generally accepted accounting theories and procedures to corporate, financial and managerial budgeting.
- Apply knowledge of legal principles to facilitate resolution of business problems.
- Apply business theories and practices to researching and critically analyzing contemporary business issues.
- Solve problems using appropriate mathematical symbols, operations, and techniques.
- Analyze economic models as they apply to market economies and specific product and factor markets.

**Required Core (32 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT010</td>
<td>Financial Accounting</td>
<td>5 units</td>
</tr>
<tr>
<td>ACCT011</td>
<td>Managerial Accounting</td>
<td>5 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUSN028</td>
<td>Business Law</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN028H</td>
<td>Honors Business Law</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUSN051</td>
<td>Introduction to Business</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN078</td>
<td>Business Communication</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON001A</td>
<td>Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001AH</td>
<td>Honors Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
</tbody>
</table>
Course Number | Course Title | Units
--- | --- | ---
Select one: ECON001B | Principles of Microeconomics | 4 units
ECON001BH | Honors Principles of Microeconomics | 4 units
Select one: MATH010 | Elementary Statistics | 4 units
MATH010H | Honors Elementary Statistics | 4 units
MATH012 | Applied Calculus | 4 units

Total Major Units: 32 units
CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

**Chemistry**

**Associate in Science for UC Transfer**

The Associate of Science in Chemistry for UC Transfer Pathway (AS-UCTP in Chemistry) is a program that provides students the lower division coursework required for transfer to a UC institution for the major in Chemistry for a goal of a baccalaureate degree. Students must complete the following requirements:

1. 70-74 semester or 105-111 quarter UC-transferable units.
2. Intersegmental General Education Transfer Curriculum (IGETC) pattern which is a minimum of 16 semester or 24 quarter units.
3. A minimum of 54 semester or 81 quarter units in the major or area of emphasis.
4. Obtainment of a minimum grade point average (GPA) of 3.5.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Use physical and chemical concepts as well as mathematical skills to solve chemistry problems that demonstrate critical thinking and scientific inquiry.
- Perform hypothesis driven laboratory experiments using appropriate instruments and basic software, such as spreadsheets and graphing programs, as well as analyze and interpret data and identify sources of error to form appropriate conclusions.
- Provide technical information in a clear and concise manner to demonstrate effective written and oral communication skills for chemical and physical concepts, results of laboratory experiments, and articles in the scientific literature.

**Required Core Courses (54 units)**

Course Number | Course Title | Units
--- | --- | ---
CHEM001A | General Chemistry | 5 units
CHEM001B | General Chemistry | 5 units
CHEM012A | Organic Chemistry | 5 units
CHEM012B | Organic Chemistry | 5 units
Select one: MATH003A | Calculus and Analytic Geometry | 5 units
MATH003AH | Honors Calculus and Analytical Geometry | 5 units
Select one: MATH003B | Calculus and Analytical Geometry | 5 units
MATH003BH | Honors Calculus and Analytical Geometry | 5 units
MATH004A | Intermediate Calculus | 5 units
MATH004B | Differential Equations | 4 units
PHYS004A | Engineering Physics-Mechanics | 5 units
PHYS004B | Engineering Physics - Electricity and Magnetism | 5 units
PHYS004C | Engineering Physics-Light, Heat and Waves | 5 units

Total Major Units: 54 units

To be awarded an Associate Degree for UC Transfer, a student must:

1. Achieve a grade of "C" or better in the major requirements.
2. Complete the 16-20 units of required IGETC General Education courses listed in the catalog for this program. The remaining IGETC General Education courses can be completed at the transfer University of California campus.

Have a minimum grade point average (GPA) of at least 2.0 in all UC-transferable work. Students are required to complete the degree with a minimum cumulative GPA of 3.5 in UC transferable coursework to obtain a guarantee of admission to the University of California system.
Children and Adolescent Development

Associate in Arts Degree for Transfer

The Associate in Arts in Child and Adolescent Development for Transfer degree (AA-T in Child and Adolescent Development) is a 60 unit program that provides students the lower division coursework required for transfer to a CSU institution for the major in Child and Adolescent Development for the goal of teaching in the elementary schools of California or entering advanced careers with children and families. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units; 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; 4. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district; 5. obtain a minimum grade point average (GPA) of 2.0; 6. earn a grade of C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Demonstrate a broad understanding of biological, social, cognitive, and cultural factors influencing children's development and learning.
- Integrate the developmental theories of child development into the implementation of teaching practices and curriculum.

Required Core (10 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST002</td>
<td>Child Growth and Development</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH010</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010H</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001H</td>
<td>Honors General Psychology</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List A: Select 3 courses (9-15 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH003H</td>
<td>Honors Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL010 &amp; BIOL010L must be taken together.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL010</td>
<td>Introduction to Biology</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL010L</td>
<td>Introduction to Biology Lab</td>
<td>1 unit</td>
</tr>
<tr>
<td>BIOL011</td>
<td>Human Biology</td>
<td>4 units</td>
</tr>
<tr>
<td>BIOL022</td>
<td>Genetics</td>
<td>4 units</td>
</tr>
<tr>
<td>BIOL023</td>
<td>Introduction to Infectious Diseases</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL024</td>
<td>Bio in the News</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL045</td>
<td>Microbiology</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL047</td>
<td>Human Anatomy</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL048</td>
<td>Human Physiology</td>
<td>5 units</td>
</tr>
<tr>
<td>CHST063</td>
<td>Child, Family, and Community</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC012</td>
<td>Human Growth and Development</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI040</td>
<td>Marriage and Family Sociology</td>
<td>3 units</td>
</tr>
</tbody>
</table>

OR select maximum of 2 courses any course not listed above (3-6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST001</td>
<td>Principles &amp; Practices of Teaching Young Children</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST005</td>
<td>Diversity - Childhood &amp; Culture</td>
<td>3 units</td>
</tr>
<tr>
<td>Course Number</td>
<td>Course Title</td>
<td>Units</td>
</tr>
<tr>
<td>---------------</td>
<td>--------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>CHST035</td>
<td>Practicum in Early Childhood Education</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST053</td>
<td>Contemporary Education in a Changing Society</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST066</td>
<td>Child Safety, Health and Nutrition</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST070</td>
<td>Infant-Toddler Development &amp; Care</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST080</td>
<td>Introduction to Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST087</td>
<td>Observation and Assessment</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM001</td>
<td>Public Speaking</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM004</td>
<td>Small Group Discussion</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017A</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST017B</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017BH</td>
<td>Honors United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HSCI008</td>
<td>Contemporary Health</td>
<td>3 units</td>
</tr>
<tr>
<td>MATH014</td>
<td>Math for Elementary School Teachers (number</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>Systems)</td>
<td></td>
</tr>
<tr>
<td>NUTR015</td>
<td>Human Nutrition</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLI001</td>
<td>American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI001H</td>
<td>Honors American Government</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 19-25 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

**EARLY CHILDHOOD EDUCATION**

**Associate in Science Degree**

The Associate in Science in Early Childhood Education (A.S. in Early Childhood Education) is designed to prepare students to qualify for a variety of permits issued by the Commission on Teacher Credentialing, State of California. These include a Master Teacher, Site Supervisor, and Program Director permit. Receiving an A.S. in Early Childhood Education also meets the requirement to teach in a National Head Start Program. Possible career options are: Teacher, Master Teacher, Site Supervisor, Parent Educator, Program Director, and Early Intervention Assistant.

**Required Courses (26 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST001</td>
<td>Principles &amp; Practices of Teaching Young Children</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST002</td>
<td>Child Growth and Development</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST005</td>
<td>Diversity - Childhood &amp; Culture</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST 035 and CHST 035A must be taken together. CHST035</td>
<td>Practicum in Early Childhood Education</td>
<td>3 units</td>
</tr>
<tr>
<td></td>
<td>CHST035A Field Experience in Early Childhood Education</td>
<td>2 units</td>
</tr>
<tr>
<td>CHST063</td>
<td>Child, Family, and Community</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST066</td>
<td>Child Safety, Health and Nutrition</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST080</td>
<td>Introduction to Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST087</td>
<td>Observation and Assessment</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**Electives (12 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST034A</td>
<td>Introduction to the Child With Special Needs</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST053</td>
<td>Contemporary Education in a Changing Society</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST058</td>
<td>EC Language and Literacy Curriculum</td>
<td>3 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST059</td>
<td>EC Music and Movement Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST060</td>
<td>Early Childhood STEM Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST064</td>
<td>Supervision and Administration I</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST065</td>
<td>Supervision and Administration II</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST067</td>
<td>EC Creative Arts Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST070</td>
<td>Infant-Toddler Development &amp; Care</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST085</td>
<td>Adult Supervision in Early Childhood Programs</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST088A</td>
<td>The Outdoor Environment</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

Total Major Units: 38 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

EARLY CHILDHOOD EDUCATION

Associate in Science Degree for Transfer

The Associate in Science in Early Childhood Education for Transfer degree (AS-T in Early Childhood Education) is a 60 unit program that provides students the lower division coursework required for transfer to a CSU institution for the major in Child Development. Students completing the BA/BS in Child Development will be prepared to enter the fields of education, social welfare, parent education, child advocacy, counseling, and public health. Students who complete the Associate in Science in Early Childhood Education for Transfer degree (AS-T in Early Childhood Education) will be able to apply ethical guidelines and advocacy skills to maintain standards of high quality care and education for young children. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C (or P) or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Integrate an understanding of the needs, characteristics, and multiple influences on the development of children birth to age eight as it is related to high quality care and education of young children.
- Develop strategies that promote partnerships between programs, teachers, families, and their communities.
- Demonstrate ethical standards and professional behaviors that deepen understanding, knowledge and commitment to the Early Childhood profession.
- Design, implement, and evaluate environments and activities that support positive, developmental play and learning outcomes for all young children.

Required Core (26 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST001</td>
<td>Principles &amp; Practices of Teaching Young Children</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST002</td>
<td>Child Growth and Development</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST005</td>
<td>Diversity - Childhood and Culture</td>
<td>3 units</td>
</tr>
</tbody>
</table>
| CHST 035 and CHST 035A must be taken together.  
  CHST035  
  CHST035A | Practicum in Early Childhood Education Field Experience in Early Childhood Education | 3 units |
|               |                                                  | 2 units|
| CHST063       | Child, Family, and Community                      | 3 units|
| CHST066       | Child Safety, Health and Nutrition                | 3 units|
| CHST080       | Introduction to Curriculum                         | 3 units|
| CHST087       | Observation and Assessment                         | 3 units|

Total Major Units: 26 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

EARLY CHILDHOOD PROGRAM DIRECTOR

Certificate of Achievement

The Early Childhood Program Director Certificate of Achievement requires the successful completion of 12 units of required core courses. This program provides Career Technical Education opportunities in the supervision and administration of early childhood programs. These programs may be infant, toddler, preschool, pre-K, or school-age centers. The required coursework for the certificate emphasizes the supervision and professional development of teaching...
staff, the accounting and fiscal health of the operating budget, the marketing of the program, the coordination of program curriculum, and the development of a system to meet the current regulations of Title 22 Community Care licensing, Title 5 CA Department of Education and/or NAEYC accreditation (National Association for the Education of Young Children). In addition, knowledge of children with special needs and inclusive practices inform EC administrators about best program policies and procedures. This program provides the student with the course work required by the State of California Department of Social Services and the Department of Education Child Development Permit which enables the student to be employed as an administrator in a state-funded program, or public or private setting. Students completing the certificate have demonstrated skills to fulfill the responsibilities of an administrator of an early childhood program which includes setting up and maintaining a healthy budget and keeping track of operating costs, planning for and facilitating professional staff development, interviewing and hiring teaching staff, conducting employee teacher evaluations, facilitating the problem resolution process involving teaching staff, children, and families, and maintaining currency with Title 22 and 5 regulations. Examples of employers include A. before/after school-age care B. infant programs C. toddler programs D. preschool programs E. pre-kindergarten F. transitional kindergarten G. kindergarten This certificate satisfies California Department of Education Title 5 coursework requirements for the Child Development Program Director and Site Supervisor Permit. It also satisfies the Department of Social Services Title 22 Community Care Licensing requirements for qualified directors in a licensed early childhood program.

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
• Oversee and supervise a licensed early childhood program operated as a single or multiple-site according to current Title 22 or Title 5 regulations, and/or NAEYC accreditation standards.

Required Core Courses (12 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST034A</td>
<td>Introduction to the Child With Special Needs</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST064</td>
<td>Supervision and Administration I</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST065</td>
<td>Supervision and Administration II</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST085</td>
<td>Adult Supervision in Early Childhood Programs</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 12 units
To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

EARLY CHILDHOOD TEACHER LEVEL 1

Certificate of Achievement
This certificate requires the successful completion of 6 required core courses and 3 units of electives for a total of 21 units. This certificate satisfies the Department of Social Services Title 22 Community Care Licensing requirements for qualified infant-toddler and pre-school teachers, as well as before and after school age caregivers in a licensed early childhood program. It also satisfies the California Department of Education Title 5 child development coursework requirements for the Child Development Assistant or Associate Teacher permit. Possible career options are infant-toddler assistant or caregiver, assistant teacher or aide, teacher, early intervention assistant, family care provider, and before and after school-age caregiver.

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
• Meet the requirements to apply for and receive an Associate Teacher permit from the California Department of Education Child Development Teacher Permit Matrix.
• Establish and maintain collaborative partnerships with children, families, colleagues, and the community.
• Provide and support service in the care, development and instruction of children in a child care and development program.

Core Required Courses (15 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST001</td>
<td>Principles &amp; Practices of Teaching Young Children</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST002</td>
<td>Child Growth and Development</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST034A</td>
<td>Introduction to the Child With Special Needs</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST063</td>
<td>Child, Family, and Community</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST066</td>
<td>Child Safety, Health and Nutrition</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Choose one of the following options (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST070</td>
<td>Infant-Toddler Development &amp; Care</td>
<td>3 units</td>
</tr>
<tr>
<td>ELED 020 and ELED 020A must be taken together. ELED020</td>
<td>Introduction to Elementary Teaching</td>
<td>2 units</td>
</tr>
<tr>
<td>ELED020A</td>
<td>Field Experience in Elementary Teaching</td>
<td>1 unit</td>
</tr>
</tbody>
</table>
Degrees and Certificates

Electives (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST058</td>
<td>EC Language and Literacy Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST059</td>
<td>EC Music and Movement Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST060</td>
<td>Early Childhood STEM Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST067</td>
<td>EC Creative Arts Curriculum</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 21 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

EARLY CHILDHOOD TEACHER LEVEL 2

Certificate of Achievement

This certificate is intended to follow successful completion of the Early Childhood Teacher Level 1 certificate, including prerequisite courses CHST 001, 002 and 063. This certificate requires the successful completion of 6 required core courses and 6 units of electives for a total of 21 units. This certificate satisfies California Department of Education Title 5 child development coursework requirements for the Child Development Teacher permit. Possible career options are infant-toddler teacher, preschool teacher, pre-K teacher, and before and after school-age teacher.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Apply ethical guidelines and advocacy skills to maintain standards of high quality care and education of young children.
- Design developmentally appropriate curriculum and environments using child development theory, observations of children, and health and safety standards.
- Meet the requirements to apply for and receive a Teacher permit from the California Department of Education Child Development Teacher Permit Matrix.
- Establish and maintain collaborative partnerships with children, families, colleagues, and the community.

Complete the following courses: (15 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST005</td>
<td>Diversity - Childhood &amp; Culture</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST 035 and CHST 035A must be taken together. CHST035 CHST035A</td>
<td>Practicum in Early Childhood Education Field Experience in Early Childhood Education</td>
<td>3 units 2 units</td>
</tr>
<tr>
<td>CHST080</td>
<td>Introduction to Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST087</td>
<td>Observation and Assessment</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST088A</td>
<td>The Outdoor Environment</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

Complete 6 units from the following list (not already completed from Level 1 Certificate) (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST053</td>
<td>Contemporary Education in a Changing Society</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST058</td>
<td>EC Language and Literacy Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST059</td>
<td>EC Music and Movement Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST060</td>
<td>Early Childhood STEM Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST067</td>
<td>EC Creative Arts Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST070</td>
<td>Infant-Toddler Development &amp; Care</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 21 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

ELEMENTARY TEACHER EDUCATION

Associate in Arts Degree for Transfer

The Associate in Arts in Elementary Teacher Education for Transfer degree (AA-T in Elementary Teacher Education) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Elementary Teacher Education for the goal of becoming an elementary school teacher. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units; 2. the California
State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district; 4. obtainment of a minimum grade point average (GPA) of 2.0; 5. earn a grade of C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
- Demonstrate professional skills with children, families, and colleagues in the elementary school setting.
- Utilize child development theories to design developmentally appropriate curriculum for school-age children.

Required Core (46 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHST002</td>
<td>Child Growth and Development</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL010</td>
<td>Introduction to Biology</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL010L</td>
<td>Introduction to Biology Lab</td>
<td>1 unit</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM002</td>
<td>Introductory Chemistry</td>
<td>4 units</td>
</tr>
<tr>
<td>CHEM030A</td>
<td>Fundamentals of Chemistry</td>
<td>4 units</td>
</tr>
<tr>
<td>COMM001</td>
<td>Public Speaking</td>
<td>3 units</td>
</tr>
<tr>
<td>ELED020</td>
<td>Introduction to Elementary Teaching</td>
<td>2 units</td>
</tr>
<tr>
<td>ELED020A</td>
<td>Field Experience in Elementary Teaching</td>
<td>1 unit</td>
</tr>
<tr>
<td>ENGL001A</td>
<td>English Composition</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001B</td>
<td>Critical Thinking Through Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOG006</td>
<td>World Regional Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOL012</td>
<td>Earth Science with Lab</td>
<td>4 units</td>
</tr>
<tr>
<td>HIST005A</td>
<td>World History: Prehistory to 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017A</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>MATH014</td>
<td>Math for Elementary School Teachers (number Systems)</td>
<td>3 units</td>
</tr>
<tr>
<td>PHYS010</td>
<td>Conceptual Introduction to Physics</td>
<td>4 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLI001</td>
<td>American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI001H</td>
<td>Honors American Government</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List A (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL001C</td>
<td>Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001CH</td>
<td>Honors Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL003</td>
<td>Introduction to Ethics</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL017</td>
<td>Logic &amp; Critical Reasoning</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List B (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS001A</td>
<td>Survey of Western Art I</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS004</td>
<td>Art Appreciation</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC010</td>
<td>Music Appreciation</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA010</td>
<td>Introduction to Theater</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 52 units
CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.
INCLUSION TEACHER ASSISTANT

Certificate of Achievement
The Inclusion Teacher Assistant Certificate of Achievement requires the successful completion of 21 units of required core courses. This certificate is designed to integrate best practices from the fields of early intervention, early childhood education, and special education. This certificate is an academic and vocational training program that prepares students for future work as educators in diverse childhood settings that serve all children including children with disabilities and special needs. This certificate prepares students to enter the careers of teacher assistant or paraprofessional and early childhood teacher. Courses are designed to satisfy the State Department of Education Title 5 course requirements for the Child Development Assistant Permit. Students develop skills to work with children with and without disabilities and their families. Students gain practical skills to integrate intervention strategies in diverse settings such as early intervention programs, preschools, general education programs, special education programs, and inclusion classrooms.

Program Learning Outcomes
Upon successful completion of this program a student will be able to:

• Evaluate and differentiate between typical and atypical development in all domain areas
• Effectively build and maintain relationships with children, family, and other staff members
• Apply best practices and developmentally appropriate activities for diverse learners including adaptations for children with disabilities and special needs
• Research and connect local and state community agencies to children with and without disabilities and their families

Program Requirements (21 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>CHST002</td>
<td>Child Growth and Development</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST034A</td>
<td>Introduction to the Child With Special Needs</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST034B</td>
<td>Curriculum and Strategies for Children with Special Needs</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST034C</td>
<td>Guidance and Strategies for Challenging Behaviors</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST058</td>
<td>EC Language and Literacy Curriculum</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST063</td>
<td>Child, Family, and Community</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST070</td>
<td>Infant-Toddler Development &amp; Care</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 21 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

Communication Design

GRAPHIC DESIGN

Certificate of Achievement
The Graphic Design Certificate provides the opportunity for students to develop their creative potential, explore design areas, learn foundational design principles and processes and discover career opportunities in graphic design and related design fields. The courses offered in the program balance the basic and vital aspects of graphic design and how they are applied in the field with a grounding dose of historical context so students can appreciate the role graphic design has played over the course of time. The Graphic Design program focuses on conceptual and creative thinking, visual storytelling, and emphasizes the acquisition of technical skills so students can plan and execute the design of visual communications. Some attention is given to how various media and platforms require specific approaches. The program emphasizes design exploration in print, web, and video. It encourages creative problem solving by focusing on critical thinking and process-oriented design explorations. Upon successful completion of the program, entry-level career opportunities exist in graphic and/or front-end visual design, graphic production, content production for social media and blog development, and emerging positions that deal with managing digital assets. Students also have foundation skills to transfer to four-year graphic design programs or related fields. Upon completing the program students have realized a portfolio of design work tailored to each individual’s needs. Upon completion of the program, students are prepared for entry-level work in graphic design and may be prepared for employment as a: 1. Graphic Production assistant 2. Front end visual designer 3. Graphic Artist 4. Content producer for social media and blogging platforms 5. Digital asset manager

Program Learning Outcomes
Upon successful completion of this program a student will be able to:

• Plan, develop, design, and pitch graphic design solutions to a client.
• Iterate and prepare designs and digital assets for client and publishing needs.
• Communicate effectively to a specific audience using appropriate color strategies, layout, and typographic solutions.
• Utilize the design process in order to realize a design project.
• Be proficient in a range of graphic applications and software, and the various platforms necessary for producing ‘on message’ graphic design solutions.
• Edit and manage a range of digital assets specific to the parameters of a given project.

Required Core Courses (31 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH051</td>
<td>Architectural Graphics: Drawing &amp; Sketching</td>
<td>3 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIGM001</td>
<td>The Creative Suite for Graphic Designers</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM002</td>
<td>Introduction to Electronic Communication</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM003</td>
<td>Introduction to Graphic Design</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM004</td>
<td>Principles of Design</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM011</td>
<td>Blogs and Site Development: WordPress</td>
<td>1 unit</td>
</tr>
<tr>
<td>DIGM014C</td>
<td>Digital Illustration: Illustrator</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM022A</td>
<td>Digital Video 1</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM022A</td>
<td>Digital Video 1</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM022A</td>
<td>Digital Video 1</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM022A</td>
<td>Digital Video 1</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM022A</td>
<td>Digital Video 1</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM086</td>
<td>Portfolio Development</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM099</td>
<td>Introduction to Typography</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 31 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

UX AND APP DESIGN

Associate in Arts Degree

The A.A. degree in UX and App Design prepares students for entry-level positions in the field and/or transfer to a bachelor's degree program in a like discipline. Students learn foundation skills in strategic thinking, planning, iterative prototyping, and acquiring proficiency with the range of technology platforms used in interactive design. Students plan, develop, test, and market web and app design solutions with an emphasis on visual flow, functionality, and code using optimum parameters, accessibility standards, and user experience guidelines. In completing the program students will have an entry-level portfolio that can help them transition to doing an internship, freelance, or contract positions. The portfolio can also be tailored for applying to bachelor's degree programs. In either a work or school scenario the portfolio is the aspiring designer's professional tool for advancement. Students completing the degree have demonstrated skills in the design and development of digital products including: websites, smartphone and tablet apps, and digital interfaces. Upon completion of the program, students are prepared for employment in web and app design and may be prepared for employment in: 1. Front end web developer or designer 2. Multimedia Artist 3. App Developer 4. User Interface Designer 5. User Experience Designer 6. Graphic Designer 7. Interactive Media Designer 8. Digital and Social Marketer 9. Visual Designer

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
• Plan, develop, test and market web and app products
• Follow standard user interface guidelines for accessible interfaces
• Sketch wireframe drawings for interface elements and layout
• Apply UX and UI standards to digital products
• Apply programming languages to layout and user interactions for digital products
• Create portfolios in alignment with professional and educational goals and identity.

Required Courses (28 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH051</td>
<td>Architectural Graphics: Drawing &amp; Sketching</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM002</td>
<td>Introduction to Electronic Communication</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM003</td>
<td>Introduction to Graphic Design</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM004</td>
<td>Principles of Design</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM020A</td>
<td>Interface Design</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM021A</td>
<td>Web Development 1</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM021M</td>
<td>Introduction to App Design</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM086</td>
<td>Portfolio Development</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Electives (7 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIGM001</td>
<td>The Creative Suite for Graphic Designers</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM011</td>
<td>Blogs and Site Development: WordPress</td>
<td>1 unit</td>
</tr>
<tr>
<td>DIGM014C</td>
<td>Digital Illustration: Illustrator</td>
<td>4 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIGM021B</td>
<td>Web Development 2</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM021X</td>
<td>Application Design and Development 2</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM022A</td>
<td>Digital Video 1</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM025</td>
<td>Introduction to Internet Marketing</td>
<td>1 unit</td>
</tr>
<tr>
<td>DIGM025A</td>
<td>Advanced Internet Marketing</td>
<td>1 unit</td>
</tr>
<tr>
<td>DIGM025B</td>
<td>Social Media Marketing</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

Total Major Units: 35 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

UX AND APP DESIGN

Certificate of Achievement
The Certificate in UX and App Design prepares students for entry-level positions in the field and/or transfer to a bachelor's degree program in a like discipline. Students learn foundation skills in strategic thinking, planning, iterative prototyping, and acquiring proficiency with the range of technology platforms used in interactive design. Students plan, develop, test and market web and app design solutions with an emphasis on visual flow, functionality and code using optimum parameters, accessibility standards and user experience guidelines. In completing the program students will have an entry-level portfolio that can help them transition to doing internship, freelance or contract positions. The portfolio can also be tailored for applying to bachelor's degree programs. In either a work or school scenario the portfolio is the aspiring designer's professional tool for advancement. Students completing the degree have demonstrated skills in the design and development of digital products including: websites, smartphone and tablet apps, and digital interfaces. Upon completion of the program, students are prepared for employment in app design and development and may be prepared for employment as a: 1. Front end web developer or designer 2. Multimedia Artist 3. App Developer 4. UX/UI designer 5. Graphic Designer 6. Interactive Media Designer 7. Digital and Social Marketer

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
- Plan and create client-focused websites that weave traditional design concepts, innovative interface ideas, and current technologies together in order to deliver and market quality web and mobile solutions.
- Sketch wireframes designs for user interface prototypes
- Apply programming languages to deliver web sites and Apps online and in App store
- Demonstrate the skills and knowledge needed to apply UX and UI standards to digital products
- Write design proposals for marketing, app design, or marketing of digital products
- Apply programming languages to layouts and user interactions for digital products
- Follow standard user interface guidelines for accessible interfaces

Major Requirements (17 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIGM001</td>
<td>The Creative Suite for Graphic Designers</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM003</td>
<td>Introduction to Graphic Design</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM014C</td>
<td>Digital Illustration: Illustrator</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM020A</td>
<td>Interface Design</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM086</td>
<td>Portfolio Development</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Electives: Select Web or App Concentration (8 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Concentration</td>
<td>Web Development 1</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM021A</td>
<td>Web Development 2</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM021B</td>
<td>Application Design and Development 2</td>
<td>4 units</td>
</tr>
<tr>
<td>App Concentration</td>
<td>Introduction to App Design</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM021M</td>
<td>Application Design and Development 2</td>
<td>4 units</td>
</tr>
<tr>
<td>DIGM021X</td>
<td></td>
<td>4 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 25 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.
Communication Studies

COMMUNICATION STUDIES

Associate in Arts Degree

The Communication Studies Department at West Valley College creates a transformative community within the classroom by encouraging students to listen intentionally, think critically, and speak passionately. This seven course curriculum bridges theoretical concepts and lived experiences, creating a personalized educational journey. The A.A. in Communications Studies is suitable for preparation for a baccalaureate in Communication Studies, Speech Communication, or Communication. Students may also be prepared for entry level positions in related occupations.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Identify and explain concepts/theories of communication.
- Demonstrate effective communication skills in a variety of settings.
- Identify and explain concepts/theories of communication.
- Demonstrate effective communication skills in a variety of settings.

Required Core (18 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM001</td>
<td>Public Speaking</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM004</td>
<td>Small Group Discussion</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM007</td>
<td>Survey of Communication: Career</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM008</td>
<td>Interpersonal Communication</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM010</td>
<td>Introduction to Persuasion</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM010H</td>
<td>Honors Introduction to Persuasion</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM012</td>
<td>Intercultural Communication</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM020</td>
<td>Argumentation and Debate</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 18 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU- Bredath or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

COMMUNICATION STUDIES

Associate in Arts Degree for Transfer

The Associate in Arts in Communication Studies for Transfer degree (AA#T in Communication Studies) is a 60 unit program, which provides students the lower division coursework required for seamless transfer to a CSU institution for the major in Communication Studies. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units; 2. The California State University- General Education- #Breadth pattern (CSU GE- Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; 3. A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district; 4. Obtainment of a minimum grade point average (GPA) of 2.0. 5. Earn a grade of C (or P) or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Identify and explain concepts/theories of communication.
- Demonstrate effective communication skills in a variety of settings.
- Identify and explain concepts and theories of human communication,
- Report an increase in communication competency.

Required Core Courses (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM001</td>
<td>Public Speaking</td>
<td>3 units</td>
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</tbody>
</table>

List A. Select two. (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM004</td>
<td>Small Group Discussion</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM008</td>
<td>Interpersonal Communication</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM020</td>
<td>Argumentation and Debate</td>
<td>3 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

List B. Any two of the following or any course not used from List A (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM010</td>
<td>Introduction to Persuasion</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM010H</td>
<td>Honors Introduction to Persuasion</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM012</td>
<td>Intercultural Communication</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List C. Any 1 of the following or any course not already used above. (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM007</td>
<td>Survey of Communication: Career</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001B</td>
<td>Critical Thinking Through Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001C</td>
<td>Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001CH</td>
<td>Honors Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 18 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

PROFESSIONAL AND WORKPLACE COMMUNICATION

Certificate of Achievement

The Professional and Workplace Communication Certificate is a 12-unit certificate designed to provide students lower division course work to build communication skills applicable to the everyday workplace environment. The certificate coursework is intended to help students become more confident and effective dealing with interpersonal and intercultural communication common in a global workplace and in professional communication environments. The certificate focuses on skills that gives students the opportunity to acquire the ability to identify and explain concepts and practically apply competent, professional, and smart career-related communication skills such as business presentations, conflict management, interviewing, cross-cultural competence, active listening, team and relationship building, leadership, and more. This Certificate will result in improved confidence and effectiveness in the global workplace and in professional communication environments.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Employ cross-cultural competencies
- Demonstrate and apply communication theories and strategies
- Demonstrate successful verbal and nonverbal workplace skills
- Build relationships and teams
- Design and deliver business presentations
- Conduct and prepare for interviews
- Implement conflict management strategies
- Demonstrate the abilities to effectively communicate at work
- Develop leadership skills
- Demonstrate improved workforce communication skills

Required Courses. Choose one: (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM001</td>
<td>Public Speaking</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM010</td>
<td>Introduction to Persuasion</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Required Courses. Choose three: (9 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM004</td>
<td>Small Group Discussion</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM007</td>
<td>Survey of Communication: Career</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM008</td>
<td>Interpersonal Communication</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM012</td>
<td>Intercultural Communication</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 12 units

To be awarded a certificate, a student must:

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1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

### Computer Science

**COMPUTER SCIENCE**

**Certificate of Achievement**

The goals and objectives of the Computer Science Certificate of Achievement are to provide a solid theoretical foundation and practice of computer organization and software development encompassing issues from analysis and design, to implementation and testing. The certificate is designed for those students who have a desire to pursue a career as: 1. programmers 2. software developers 3. software quality assurance analysts and testers 4. computer engineers 5. engineering technicians

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Design, implement, test and debug simple programs in an object oriented programming language.
- Demonstrate an understanding of computer organization (hardware) and be able to code in assembly language
- Use a scripting language (like Python) to perform data analysis.
- Implement and test common data structures (like stacks, queues, heaps, maps, trees and graphs) and algorithms with a compiled, object-oriented language (like C++ or Java).
- Design, implement and test programs written with a compiled, object-oriented language (like C++ or Java).

**Required Courses (24 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIST005A</td>
<td>Introduction to Python</td>
<td>4 units</td>
</tr>
<tr>
<td>CIST039</td>
<td>Microcomputer Assembler Programming</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH019</td>
<td>Discrete Mathematics</td>
<td>4 units</td>
</tr>
<tr>
<td>Select one:</td>
<td>Computer Programming I (C++ Programming)</td>
<td>4 units</td>
</tr>
<tr>
<td>CIST004A</td>
<td>Computer Programming I (Java)</td>
<td>4 units</td>
</tr>
<tr>
<td>Select one:</td>
<td>Data Structures using Advanced C++</td>
<td>4 units</td>
</tr>
<tr>
<td>CIST004B</td>
<td>Data Structures using Advanced Java</td>
<td>4 units</td>
</tr>
<tr>
<td>Select one:</td>
<td>Advanced Python</td>
<td>4 units</td>
</tr>
<tr>
<td>CIST005B</td>
<td>C Programming</td>
<td>4 units</td>
</tr>
<tr>
<td>CIST037</td>
<td></td>
<td>4 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 24 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

### Continuing Education - Business

**BOOKKEEPING CERTIFICATION**

**Certificate of Completion**

The Bookkeeping Certification at West Valley College focuses on helping students develop bookkeeping skills that will enable them to successfully pass the state’s Bookkeeping Certification exam and become a certified Bookkeeper in California. Students will develop an understanding of essential bookkeeping functions, accounting cycles and cash systems, debits and credits; analyze business transactions; create a trial balance; and adjust entries and reconcile bank statements used in bookkeeping. They will obtain the foundation required for success in calculating payroll, completing payroll taxes, and preparing payroll records and reports, focusing on practical applications as well as theory. The elective courses give students a chance to explore software programs used in Bookkeeping, such as Excel and Quickbooks, and learn the fundamentals of spreadsheets using Excel software typically used in accounting and bookkeeping. They will also learn the steps in the accounting process for a service or merchandising company using Quickbooks. Possible job titles for students who complete the Bookkeeping Certification include but are not limited to: Bookkeeper, Accounts Receivable Clerk, Accounts Payable Clerk, and Payroll Clerk.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Demonstrate the bookkeeping skills required to successfully pass the state’s bookkeeping certification exam and become a certified bookkeeper in California
- Produce reports required to successfully calculate payroll, complete payroll taxes, and prepare payroll records and reports.
- Evaluate accounting problems and design and construct Excel spreadsheets to solve those problems and/or record economic events and prepare financial statements for a service and/or merchandising company using QuickBooks software.
### Degrees and Certificates

#### Required courses (96-108 hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCBU001</td>
<td>Principles and Fundamentals of Accounting and Bookkeeping</td>
<td>48 - 54 hours</td>
</tr>
<tr>
<td>NCBU002</td>
<td>Payroll Accounting and Bookkeeping</td>
<td>48 - 54 hours</td>
</tr>
</tbody>
</table>

#### Elective courses - Select two (51-68 hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCBU004</td>
<td>Excel for Accounting and Bookkeeping</td>
<td>29 - 32 hours</td>
</tr>
<tr>
<td>NCBU006</td>
<td>Quickbooks: Set-up and Services Business</td>
<td>22 - 24 hours</td>
</tr>
<tr>
<td>NCBU007</td>
<td>Quickbooks: Merchandising and Payroll</td>
<td>32 - 36 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 147-176 hours

Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.

### SMALL BUSINESS ESSENTIALS

#### Certificate of Completion

The Small Business Essentials Certificate of Completion at West Valley College focuses on helping students plan and execute activities required for the successful launch of a small business. It allows students to reflect and understand the implementation issues in starting a new small business including the financial, legal, operational and administrative procedures involved. Students begin to develop a communication and marketing strategy, and gain knowledge of the importance of various types of marketing and how they affect a small business. The main topics covered include: the key components of a business plan; the important factors in choosing a business structure; how to manage business cash flow focusing on the basics of cash, budgets and shortages; and the operations and management aspects of a small business. Students also gain an understanding of the importance of segmentation and targeting in marketing and explore the ways digital marketing can help a small business grow. Some of the topics explored include website optimization to increase website traffic, social media presence, Google Analytics, e-commerce, choosing the best platform for your business, and how to build your business brand.

Potential careers specific to these skills include but are not limited to: Entrepreneur, Small Business Owner, Marketing Coordinator, Brand Ambassador, and Business Development Assistant.

#### Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Demonstrate knowledge of starting and operating a business and begin the development of a business plan.
- Demonstrate knowledge of the importance of various types of marketing and how it affects your small business.

#### Required courses (32-36 hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCBU054</td>
<td>How to Start a Small Business</td>
<td>16 - 18 hours</td>
</tr>
<tr>
<td>NCBU056</td>
<td>How to Market your Small Business</td>
<td>16 - 18 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 32-36 hours

Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.

### Continuing Education - Career Skills

#### COMMUNICATION, DIGITAL SKILLS AND LEADERSHIP FOR THE WORKPLACE

#### Certificate of Completion

The Communication, Digital Skills and Leadership for the Workplace Certificate provides students with the necessary skills to become effective communicators and strong leaders in today's workplace. It also introduces best practices and an awareness of digital literacy with the information, media, and technology needed in the workplace. The program draws from the New World of Work and 21st Century employability skills which were developed by a panel of employers, entrepreneurs, human resources specialists, educators, and students. Communication skills, digital literacy, and practice in empathy, self-awareness, and collaboration were determined to be some of the essential employability requirements of our emerging global economy. The program certificate provides 21st century employability skills to support and prepare students to succeed and thrive in the 21st century workforce.

#### Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Demonstrate the skills and traits in areas of communication, digital skills, and leadership to successfully enter a rapidly changing jobs market and workplace in the 21st century.

#### Required courses (42-45 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCWP001</td>
<td>Communication for the Workplace</td>
<td>14 - 15 hours</td>
</tr>
<tr>
<td>NCWP002</td>
<td>Digital Skills for the Workplace</td>
<td>14 - 15 hours</td>
</tr>
</tbody>
</table>
Degrees and Certificates

Course Number | Course Title | Hours
---|---|---
NCWP003 | Leadership for the Workplace | 14 - 15 hours

Total Certificate Hours: 42-45 hours

Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.

MICROSOFT OFFICE BASICS

Certificate of Completion
The Microsoft Office Basics Certificate will build proficiency with the Microsoft Office Suite, the most widely used productivity software on the market. This program prepares the student for office-related career positions and transition to a credit certificate or degree program requiring computer office skills, as well as provides support to the student as a small business owner. Skills in using productivity software (such as Microsoft Office) are often required to enter the job market. Possible careers include, but are not limited to: customer service representative, office/administrative assistant, bookkeeper/accounting clerk, scheduler/operations coordinator, and management and supervision in a variety of industries.

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
• Create documents using Word such as letters, certificates, labels, and more.
• Create spreadsheets in Excel using formulas, charts, and more.
• Create slide shows in PowerPoint for business, home and volunteer use.

Required Courses (48-54 hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCWP210</td>
<td>Microsoft Word</td>
<td>16 - 18 hours</td>
</tr>
<tr>
<td>NCWP212</td>
<td>Beginning Microsoft Excel</td>
<td>16 - 18 hours</td>
</tr>
<tr>
<td>NCWP216</td>
<td>Microsoft PowerPoint</td>
<td>16 - 18 hours</td>
</tr>
</tbody>
</table>

Elective Courses: Select one (16-36 hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCWP214</td>
<td>Advanced Microsoft Excel</td>
<td>16 - 18 hours</td>
</tr>
<tr>
<td>NCWP220</td>
<td>Introduction to Google Workspace</td>
<td>32 - 36 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 64-90 hours

Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.

Continuing Education - Court Reporting & Captioning

COURT REPORTING

Certificate of Completion
This certificate is designed to provide relevant skills to individuals pursuing careers in court reporting in both courtroom and deposition settings, capturing and certifying the verbatim record of legal proceedings. Court reporters are officers of the court and reporters working in California must be licensed by the Court Reporters Board of California, Department of Consumer Affairs. The West Valley College Court Reporting program is recognized by the Court Reporters Board of California to qualify students to sit for the California Certified Shorthand Reporter’s licensing examinations. Careers specific to these skills include but are not limited to: Official Court Reporter, Deposition Court Reporter, Hearing Reporter, Freelance Reporter, and Convention Reporter.

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
• Produce accurate, properly formatted transcripts of actual court and deposition proceedings.
• Use standard English punctuation and grammar, medical and legal terminology, and apply technology as required to pass the written and skills examinations for licensing.
• Write stenographically, for ten minutes, four-voice testimony at 200 words per minute with 97.5% accuracy as required to pass the skills examination for licensing.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one</td>
<td>200-220 WPM Speed Goal</td>
<td>190 - 200 hours</td>
</tr>
<tr>
<td>NCNCC020</td>
<td>200-220 WPM: Multi-Voice Focus</td>
<td>112 - 126 hours</td>
</tr>
<tr>
<td>NCNCC038</td>
<td>Court Reporting Codes and Procedures 1</td>
<td>48 - 54 hours</td>
</tr>
<tr>
<td>NCNCC039</td>
<td>Court Reporting Codes and Procedures 2</td>
<td>48 - 54 hours</td>
</tr>
<tr>
<td>NCNCC042</td>
<td>Certified Shorthand Reporter Exam Review</td>
<td>32 - 36 hours</td>
</tr>
</tbody>
</table>
Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCCC016</td>
<td>160 WPM Speed Goal</td>
<td>190 - 200 hours</td>
</tr>
<tr>
<td>NCCC016M</td>
<td>160 WPM: Multi-Voice Focus</td>
<td>112 - 126 hours</td>
</tr>
<tr>
<td>NCCC027</td>
<td>Computer-Aided Transcription 1</td>
<td>32 - 36 hours</td>
</tr>
<tr>
<td>Select one:</td>
<td>180 WPM Speed Goal</td>
<td>190 - 200 hours</td>
</tr>
<tr>
<td>NCCC018</td>
<td>180 WPM: Multi-Voice Focus</td>
<td>112 - 126 hours</td>
</tr>
<tr>
<td>NCCC034</td>
<td>Medical Dictation</td>
<td>34 - 38 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 298-324 hours
Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.

PROOFREADING

Certificate of Completion
This certificate is designed to provide relevant skills to individuals pursuing careers proofreading verbatim transcripts of legal and other proceedings and general English text. Potential careers specific to these skills include, but are not limited to: Proofreader for Court Reporters, Proofreader (general), Copy Marker, and Technical Writer* (*with additional training).

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
• Identify errors in written text and apply correct punctuation, spelling, and formatting to correct or record omissions, errors, or inconsistencies found.
• Define and explain traditional proofreading marks and relevant software proofreading functions, such as the “track changes” function in Microsoft Word.
• Identify homonyms and apply correct spelling within context.

Required Courses (298-324 hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCCC007</td>
<td>Keyboarding and MS Word Basics</td>
<td>48 - 54 hours</td>
</tr>
<tr>
<td>NCCC021</td>
<td>Legal Terminology</td>
<td>50 - 54 hours</td>
</tr>
<tr>
<td>NCCC024</td>
<td>English Vocabulary for Court Reporting and Captioning</td>
<td>50 - 54 hours</td>
</tr>
<tr>
<td>NCCC025</td>
<td>Basic English for Court Reporting and Captioning</td>
<td>50 - 54 hours</td>
</tr>
<tr>
<td>NCCC026</td>
<td>Advanced English and Office Practices for Court Reporting and Captioning</td>
<td>50 - 54 hours</td>
</tr>
<tr>
<td>NCCC033</td>
<td>Medical Terminology</td>
<td>50 - 54 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 298-324 hours
Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.
SCOPING

Certificate of Completion
This certificate is designed to provide relevant skills to individuals pursuing careers as Scopists, assisting court reporters in the production of certified transcripts of legal proceedings using specialized computer-aided-transcription software. Courses are also designed to provide basic proofreading skills specific to scoping.

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
- Apply knowledge of stenographic theory to identify and correct untranslated and mistranslated stenographic outlines for English vocabulary and phrases, medical terminology, and standard punctuation typically found in verbatim transcripts of legal and other proceedings.
- Identify writing translation conflicts in the reporter's software dictionary and recommend conflict-free solutions.
- Demonstrate fluency in reading and translating stenographic language.
- Use computer-aided-transcription software to mark and correct stenographic writing errors and add new dictionary entries for words, phrases, and proper names that are absent from the software dictionary.

Required Courses (432-474 hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCCC001</td>
<td>Stenographic Machine Theory 1</td>
<td>128 - 140 hours</td>
</tr>
<tr>
<td>NCCC002</td>
<td>Stenographic Machine Theory 2</td>
<td>128 - 140 hours</td>
</tr>
<tr>
<td>NCCC003</td>
<td>Stenographic Machine Theory 3</td>
<td>128 - 140 hours</td>
</tr>
<tr>
<td>NCCC004</td>
<td>CAT Software Basics</td>
<td>16 - 18 hours</td>
</tr>
<tr>
<td>NCCC027</td>
<td>Computer-Aided Transcription 1</td>
<td>32 - 36 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 432-474 hours
Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.

TRANSCRIPTION AND OFFICE SUPPORT: MACHINE WRITING

Certificate of Completion
This certificate is designed to provide relevant skills to individuals pursuing careers transcribing legal, medical, or general material, and/or providing office technology/office computer applications support. Transcribers, also known as transcriptionists, convert speech (either live or recorded) into written or electronic text documents. Transcription services are often provided for business, legal, or medical purposes. Transcribers may work from home, in hospitals or physicians' offices, and in various business environments. Potential jobs in this field include, but are not limited to: Legal Transcriptionist, Web Content Transcriptionist, Video Transcriptionist, General Transcriptionist, Medical Transcriptionist, and Office Support Assistant.

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
- Demonstrate recognition and correct spelling of legal and medical terminology and English vocabulary.
- Write legal, medical, and general subject matter, stenographically, at a minimum of 120 words per minute on a machine writer.
- Demonstrate proficiency in Microsoft Word to provide entry-level office support.
- Demonstrate proficiency in industry-standard computer-aided software to produce accurate transcripts of legal, medical, and general audio-recorded material.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NCCC008</td>
<td>80-100 WPM Speed Goal</td>
<td>190 - 200 hours</td>
</tr>
<tr>
<td>NCCC008M</td>
<td>80-100 WPM: Multi-Voice Focus</td>
<td>112 - 126 hours</td>
</tr>
<tr>
<td>NCCC007</td>
<td>Keyboarding and MS Word Basics</td>
<td>48 - 54 hours</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NCCC012</td>
<td>120-140 WPM Speed Goal</td>
<td>190 - 200 hours</td>
</tr>
<tr>
<td>NCCC012M</td>
<td>120-140 WPM: Multi-Voice Focus</td>
<td>112 - 126 hours</td>
</tr>
<tr>
<td>NCCC028</td>
<td>Computer-Aided Transcription 2</td>
<td>32 - 36 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 304-490 hours
Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.

TRANSCRIPTION AND OFFICE SUPPORT: VOICE WRITING

Certificate of Completion
This certificate is designed to provide relevant skills to individuals pursuing careers transcribing legal, medical, or general material, and/or providing office technology/office computer applications support. Transcribers, also known as transcriptionists, convert speech (either live or recorded) into written or electronic text documents. Transcription services are often provided for business, legal, or medical purposes. Transcribers may work from home, in hospitals or physicians' offices, and in various business environments. Potential jobs in this field include, but are not limited to: Legal Transcriptionist, Web Content Transcriptionist, Video Transcriptionist, General Transcriptionist, Medical Transcriptionist, and Office Support Assistant.
Degrees and Certificates

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Demonstrate proficiency in Microsoft Word to provide entry-level office support.
- Write legal, medical, and general subject matter, using a voice silencer, at a minimum of 120 words per minute on a machine writer.
- Demonstrate proficiency in industry-standard computer-aided software to produce accurate transcripts of legal, medical, and general audio-recorded material.
- Demonstrate recognition and correct spelling of legal and medical terminology and English vocabulary.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCCC004</td>
<td>CAT Software Basics</td>
<td>16 - 18 hours</td>
</tr>
<tr>
<td>NCCC005</td>
<td>Voice Writing Theory</td>
<td>48 - 54 hours</td>
</tr>
<tr>
<td>NCCC027</td>
<td>Computer-Aided Transcription 1</td>
<td>32 - 36 hours</td>
</tr>
<tr>
<td>NCCC012</td>
<td>120-140 WPM Speed Goal</td>
<td>190 - 200 hours</td>
</tr>
<tr>
<td>NCCC012M</td>
<td>120-140 WPM: Multi-Voice Focus</td>
<td>112 - 126 hours</td>
</tr>
<tr>
<td>NCCC007</td>
<td>Keyboarding and MS Word Basics</td>
<td>48 - 54 hours</td>
</tr>
<tr>
<td>NCCC028</td>
<td>Computer-Aided Transcription 2</td>
<td>32 - 36 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 288-398 hours

Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.

Continuing Education - ESL and Citizenship

ESL: CAREERS IN EARLY CHILDHOOD EDUCATION

Certificate of Competency

The ESL: Careers in Early Childhood Education Certificate at West Valley College focuses on helping CASAS intermediate level ESL students prepare to enter a program of study and take courses to meet licensing requirements to enter a career working with young children within early childhood education. Suggested level of preparation: CASAS of 210 or higher.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Evaluate and communicate both orally and in writing about the adult's role in caring for young children and respond by communicating appropriately with all persons in the childcare community.
- Prepare ESL students to successfully enter the Child Studies credit program and take courses to meet licensing requirements to enter a career within Early Childhood Education and working with young children.

Required Courses (128-144 hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCI E120</td>
<td>ESL for Careers In Early Childhood Education 1</td>
<td>64 - 72 hours</td>
</tr>
<tr>
<td>NCI E121</td>
<td>ESL for Careers in Early Childhood Education 2</td>
<td>64 - 72 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 128-144 hours

Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.

ESL: CAREERS IN HEALTHCARE

Certificate of Competency

The ESL: Careers in Healthcare Certificate at West Valley College focuses on creating an accelerated career pathway by helping CASAS intermediate level ESL students by preparing them to explore and successfully enter programs of study for careers in the healthcare field. The ESL: Careers in Healthcare Certificate provide a hands-on, context-driven environment where ESL students will prepare to enter credit programs and pursue a career in the Healthcare profession. Suggested level of preparation: CASAS of 210 or higher.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Prepare and transition students to successfully enter credit programs in healthcare
- Communicate effectively in written and spoken English on topics related to healthcare settings and careers, and with patients and other medical professionals.

Required Courses (128-144 hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCI E130</td>
<td>ESL for Careers in Healthcare 1</td>
<td>64 - 72 hours</td>
</tr>
<tr>
<td>NCI E131</td>
<td>ESL for Careers in Healthcare 2</td>
<td>64 - 72 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 128-144 hours
Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.

**Continuing Education - Facilities Maintenance**

**FACILITY MAINTENANCE TECHNICIAN**

**Certificate of Completion**

The Facilities Maintenance Technician Certificate is a two-semester, 6-month program that provides a general overview of the core-competencies identified by industry leaders as well as hands-on experience in facilities maintenance. The program prepares students for entry-level positions as a Facility Maintenance Technician and Energy Efficiency Auditor, or careers in sustainability jobs. In the first semester, the program provides a job readiness overview, covering topics such as a 360°-building tour, environmental awareness, communication skills, basic arithmetic calculations, computer skills, safety training, work order management systems, and troubleshooting and problem-solving skills related to being a Facilities Maintenance Technician. The program also provides an overview of skill-sets needed in jobs related to energy auditing and analytics. The second semester gives students OSHA-10 safety training as well as hands-on lab instruction and exercises of the following primary core competencies: safety training, general skills in construction, carpentry, plumbing, electrical, and HVAC and IAQ-environmental awareness and knowledge. Possible career options include Facility Maintenance Technicians and Energy Efficiency Auditors or careers in sustainability and custodial related jobs.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Apply an understanding of introductory skills associated with evaluating energy and building performance within facilities maintenance.
- Demonstrate awareness and familiarity of the different types of systems, equipment and skills needed by a Facility Maintenance Technician.
- Analyze workplace health and safety risks by applying OSHA regulations.
- Develop the skills, knowledge, abilities and understanding to perform general repairs and maintenance within a commercial building that includes general skills in lighting, heating ventilation & air-conditioning (HVAC), plumbing, electrical and IAQ-environmental awareness.

**Required courses (166-184 hours)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCFM001</td>
<td>Facilities Maintenance Job Readiness</td>
<td>38 - 42 hours</td>
</tr>
<tr>
<td>NCFM002</td>
<td>OSHA-10 Training</td>
<td>9 - 10 hours</td>
</tr>
<tr>
<td>NCFM003</td>
<td>Energy Auditing Fundamentals – Commercial Buildings</td>
<td>38 - 42 hours</td>
</tr>
<tr>
<td>NCFM004</td>
<td>Facilities Maintenance Technician Training</td>
<td>81 - 90 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 166-184 hours

**Continuing Education - Spanish**

**SPANISH FOR MEDICAL PROFESSIONALS**

**Certificate of Completion**

The Spanish for Medical Professionals Certificate of Completion gives students the opportunity to acquire Spanish grammar and vocabulary related to the medical working environment and to experience a wider range of communicative and cultural settings related to the medical field. The program is designed for students who are in or intend to pursue careers in the medical field utilizing the Spanish language.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Demonstrate basic reading, writing, oral comprehension skills related to the interaction with the patient and to selected medical topics such as first aid care, infant care, nutrition, drug abuse, among others.
- Demonstrate understanding of a selection of medical topics related to the Latino community.
- Explain in Spanish basic treatment instructions and deliver simple medical and health information.
- Produce communicative exchanges related to the interaction with the patient relying on learned vocabulary and expressions.

**Required Courses (96-108 hours)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCSPO70A</td>
<td>Spanish for Medical Professionals - Beginners</td>
<td>48 - 54 hours</td>
</tr>
<tr>
<td>NCSPO70B</td>
<td>Spanish for Medical Professionals - Intermediate</td>
<td>48 - 54 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 96-108 hours

Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.
Continuing Education - Technical Theater

TECHNICAL THEATER STAGE TECHNOLOGY

Certificate of Completion

Technical Theater Stage Technology Certificate requires the successful completion of 4 courses for a minimum of 192 hours. It is a short-term vocational certificate designed to train and prepare students for entry into the technical theater and live performance segments of the entertainment industry. Technical Theater Stage Technology Certificate includes courses in Stagecraft, Intro to Stage Lighting, Practical Theater (Costume and Makeup) 1, and Practical Theater (Scene and Stage) 1. Potential careers specific to these skills include but are not limited to: Rigger, Set & Exhibit Designer, Lighting Technician, and Theatrical Sound Engineer.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
• Demonstrate collaboration and team-building skills
• Evaluate and analyze the use of tools and painting techniques for the construction and rigging of a show
• Demonstrate appropriate use and care of hand tools, major power tools and lighting instruments
• Choose the correct rigging for the flying of people or scenery
• Participate in the hanging, circuiting, focusing, and operation of theatrical lighting equipment

Required Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCTH018A</td>
<td>Introduction to Stage Lighting</td>
<td>48 - 54 hours</td>
</tr>
<tr>
<td>NCTH021A</td>
<td>Practical Theater (Scene &amp; Stage) I</td>
<td>48 - 54 hours</td>
</tr>
<tr>
<td>NCTH022A</td>
<td>Practical Theater (Costume &amp; Makeup) I</td>
<td>48 - 54 hours</td>
</tr>
<tr>
<td>NCTH045B</td>
<td>Stagecraft</td>
<td>48 - 54 hours</td>
</tr>
</tbody>
</table>

Total Certificate Hours: 192-216 hours

Certificates are listed as hours rather than college credit (units). Students must pass and complete the minimum number of hours required.

Dance

DANCE SPECIALIST

Certificate of Achievement

The Dance Specialist Certificate of Achievement requires the successful completion of a total of 18 semester units and is designed to provide students with theoretical knowledge and the practical skills necessary for the following careers: dance studio instructor, dance teaching assistant, choreographer, and performer. This certificate will prepare the student to successfully teach dance in a privately-owned dance studio, a health club, YMCA, theater setting, or as a dance assistant in an academic and/or religious institution. Through this certificate program, students gain proficiency in leadership, communication, performance awareness, and artistic techniques. There are no prerequisites for enrolling in this certificate program, but placement within each technique class will be based upon an audition prior to entrance in the program.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
• Demonstrate expertise in one dance form through performance and choreography of steps and combinations.
• Demonstrate proficiency as a dance instructor by choreographing and performing in more than one dance style.
• Analyze a traditional dance form within the context of the following: power, resistance and/or diaspora.
• Demonstrate proper technique and rhythmic responses to music in performance.
• Choreograph a dance in a specific area of emphasis and document preparation in one area of production such as costume, publicity, or set design.

Choreography & History (4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC007</td>
<td>Choreography</td>
<td>1 unit</td>
</tr>
<tr>
<td>Select one DANC061 DANC061H</td>
<td>Dance in America: A Cultural Perspective Honors Dance in America: A Cultural Perspective</td>
<td>3 units 3 units</td>
</tr>
</tbody>
</table>

Specific Technique: 4 units of must be at the Intermediate level or above (12 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC001</td>
<td>Ballet: Beginning Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC002</td>
<td>Ballet: Beginning Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC003</td>
<td>Ballet: Intermediate Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC004</td>
<td>Ballet: Advanced Level 4</td>
<td>1 unit</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC011</td>
<td>Jazz Dance: Beginning Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC012</td>
<td>Jazz Dance: Beginning Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC013</td>
<td>Jazz Dance: Intermediate Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC014</td>
<td>Jazz Dance: Advanced Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC021</td>
<td>Modern Dance: Beginning Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC022</td>
<td>Modern Dance: Beginning Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC023</td>
<td>Modern Dance: Intermediate Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC024</td>
<td>Modern Dance: Advanced Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC031</td>
<td>Tap for Musical Theatre: Beginning Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC032</td>
<td>Tap for Musical Theatre: Beginning Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC033</td>
<td>Tap for Musical Theatre: Intermediate Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC034</td>
<td>Tap for Musical Theatre: Advanced Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC041</td>
<td>Ballroom and Latin Dance: Beginning</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC042</td>
<td>Ballroom and Latin Dance: Intermediate</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC043</td>
<td>Ballroom and Latin Dance: Advanced</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC044</td>
<td>Lindy Hop &amp; Swing</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC051A</td>
<td>World Dance: Flamenco of Spain, Beginning</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC051B</td>
<td>World Dance: Flamenco of Spain, Intermediate</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

**Studio / Production (2 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC005</td>
<td>Dance Workshop</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC006</td>
<td>Dance Intensive</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC008</td>
<td>Rehearsal and Performance in Dance</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC060</td>
<td>Studio Dance Production</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

Total Certificate Units: 18 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

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**Economics**

**ECONOMICS**

**Associate in Arts Degree**

The Associate of Arts degree provides students with the foundational knowledge of economic principles, models and concepts to analyze social issues and challenges, and to prepare students to transfer to a 4-year institution for a baccalaureate degree in Economics. The AA degree in Economics provides the student with critical thinking skills, and an economics framework for addressing social issues and problem solving.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
- Explain how individuals and firms make choices under scarcity.
- Describe the major players and institutions that facilitate the market economy.
- Analyze economic models as they apply to market economies

**Required Core Courses (8 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one:</td>
<td>Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
</tbody>
</table>

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### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON001A</td>
<td>Honors Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001AH</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Select one:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON001B</td>
<td>Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001BH</td>
<td>Honors Principles of Microeconomics</td>
<td>4 units</td>
</tr>
</tbody>
</table>

### Electives - Choose from at least 4 fields (12-13 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH001</td>
<td>Introduction to Physical Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH002</td>
<td>Introduction to Archaeology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH003H</td>
<td>Honors Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOG001</td>
<td>Intro Physical Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOG002</td>
<td>Introduction to Cultural Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST004A</td>
<td>Western Civilization I: Prehistory to 1500 CE</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST004B</td>
<td>Western Civilization II: 1500 CE to Present</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST005A</td>
<td>World History: Prehistory to 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST005B</td>
<td>World History from 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST012</td>
<td>African American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST014</td>
<td>History of the Native North Americans</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST016</td>
<td>Mexican-American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017A</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST017B</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017BH</td>
<td>Honors United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST020</td>
<td>History and Geography of California</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLI001</td>
<td>American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI001H</td>
<td>Honors American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI002</td>
<td>Comparative Governments</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLI003</td>
<td>Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI003H</td>
<td>Honors Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI004</td>
<td>International Relations</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001H</td>
<td>Honors General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC002</td>
<td>Experimental Psychophysiology</td>
<td>4 units</td>
</tr>
<tr>
<td>PSYC002H</td>
<td>Honors Experimental Psychophysiology</td>
<td>4 units</td>
</tr>
<tr>
<td>PSYC007</td>
<td>Physiological Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC009</td>
<td>Psychology of Women: A Multicultural Perspective</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC012</td>
<td>Human Growth and Development</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC025</td>
<td>Introduction to Abnormal Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>SJST001</td>
<td>Introduction to Ethnic and Social Justice Studies</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCIO001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOCI002</td>
<td>Social Problems</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI002H</td>
<td>Honors Social Problems</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI040</td>
<td>Marriage and Family Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI045</td>
<td>Sociology of Human Sexuality</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WGQS001</td>
<td>Introduction to Women’s Studies</td>
<td>4 units</td>
</tr>
<tr>
<td>WGQS001H</td>
<td>Honors Introduction to Women’s Studies</td>
<td>4 units</td>
</tr>
</tbody>
</table>

Total Major Units: 20-21 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

### ECONOMICS

**Associate in Arts Degree for Transfer**

The Associate in Arts in Economics for Transfer degree (AA-T in Economics) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Economics. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units; 2. The California State University-General Education-Breadth pattern (CSU GE-Breadth) or the Intersegmental General Education Transfer Curriculum (IGETC) pattern; 3. A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district; 4. Obtainment of a minimum grade point average (GPA) of 2.0; 5. Earn a grade of C (or "P") or better in all courses required for the major or area of emphasis.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
- Describe the major players and institutions that facilitate the market economy.
- Explain how individuals and firms make choices under scarcity.
- Analyze economic models as they apply to market economies and specific product and factor markets.
- Describe the major players and institutions that facilitate the market economy.
- Explain how individuals and firms make choices under scarcity.
- Analyze economic models as they apply to market economies and specific product and factor markets.

**Required Core Courses (16-17 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON001A</td>
<td>Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001AH</td>
<td>Honors Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON001B</td>
<td>Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001BH</td>
<td>Honors Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH010</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010H</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH003A</td>
<td>Calculus and Analytic Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003AH</td>
<td>Honors Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH012</td>
<td>Applied Calculus</td>
<td>4 units</td>
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</tbody>
</table>

**List A: Select one (3-6 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT010</td>
<td>Financial Accounting</td>
<td>5 units</td>
</tr>
<tr>
<td>ACCT011</td>
<td>Managerial Accounting</td>
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</tr>
<tr>
<td>BUSN028</td>
<td>Business Law</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN028H</td>
<td>Honors Business Law</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN051</td>
<td>Introduction to Business</td>
<td>3 units</td>
</tr>
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</table>

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West Valley College 2022 - 2023 Catalog 191
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSN078</td>
<td>Business Communication</td>
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</tr>
<tr>
<td>CIST002</td>
<td>Introduction to Computing</td>
<td>4 units</td>
</tr>
<tr>
<td>CIST004A</td>
<td>Computer Programming I (C++ Programming)</td>
<td>4 units</td>
</tr>
<tr>
<td>CIST004A1</td>
<td>Computer Programming I (Java)</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH001</td>
<td>Pre-Calculus Algebra</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH002</td>
<td>Pre-Calculus Algebra and Trigonometry</td>
<td>6 units</td>
</tr>
<tr>
<td>MATH003B</td>
<td>Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003BHX</td>
<td>Honors Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH004B</td>
<td>Differential Equations</td>
<td>4 units</td>
</tr>
<tr>
<td>POLI001</td>
<td>American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI001H</td>
<td>Honors American Government</td>
<td>3 units</td>
</tr>
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</table>

**List B: Select one or any List A course not already used (3-5 units)**

<table>
<thead>
<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>ANTH003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH003H</td>
<td>Honors Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN061</td>
<td>Business, Government, and Society</td>
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</tr>
<tr>
<td>GEOG002</td>
<td>Introduction to Cultural Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>MATH004A</td>
<td>Intermediate Calculus</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH004C</td>
<td>Linear Algebra</td>
<td>4 units</td>
</tr>
<tr>
<td>POLI003</td>
<td>Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI003H</td>
<td>Honors Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001H</td>
<td>Honors General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>SJST001</td>
<td>Introduction to Ethnic and Social Justice Studies</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI002</td>
<td>Social Problems</td>
<td>3 units</td>
</tr>
<tr>
<td>WGQS001</td>
<td>Introduction to Women's Studies</td>
<td>4 units</td>
</tr>
<tr>
<td>WGQS001H</td>
<td>Honors Introduction to Women's Studies</td>
<td>4 units</td>
</tr>
</tbody>
</table>

Total Major Units: 22-28 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

### Engineering

#### ENGINEERING

**Associate in Science Degree**

The Associate in Science in Engineering is designed to provide lower division education to students planning to major in engineering and who may pursue a baccalaureate degree. Students who complete the Associate in Science will be able to demonstrate aptitude for analysis and problem-solving using scientific principles.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Identify and solve environmental problems
- Apply fundamental science and engineering in an integrative fashion, to effectively work and solve problems at the interface of mathematics, science, engineering and technology
- Demonstrate effective oral and written communication skills
- Apply diverse techniques, methods, and tools towards the solution of engineering problems
• Apply the engineering process and design-driven research
• Conduct independent work as well as teamwork
• Identify and apply ethical principles and standards

**Required Courses (21 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM001A</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>ENGR010</td>
<td>Introduction to Engineering</td>
<td>4 units</td>
</tr>
<tr>
<td>ENGR020</td>
<td>Engineering Graphics</td>
<td>4 units</td>
</tr>
<tr>
<td>ENGR025</td>
<td>Introduction to Materials</td>
<td>3 units</td>
</tr>
<tr>
<td>PHYS004A</td>
<td>Engineering Physics-Mechanics</td>
<td>5 units</td>
</tr>
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</table>

**Electives: Choose two courses (6-7 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR021</td>
<td>Intro Computing for Scientists and Engineers</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGR060</td>
<td>Programming and Problem-Solving in MATLAB</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGR098</td>
<td>Circuit Analysis</td>
<td>4 units</td>
</tr>
<tr>
<td>ENGR099</td>
<td>Statics/Vector Mechanics</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 27-28 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

**English**

**ENGLISH**

**Associate in Arts Degree**

The Associate in Arts in English is a program that provides students with the necessary coursework required for an associate's major in English and to transfer to a four-year university where students have the opportunity to complete a Bachelor's or graduate degree in English. Students completing this degree will have a breadth of knowledge in composition and the study and analysis of literature. To obtain this degree, students must complete the 21 units in the major area and the additional units to meet the college graduation requirements. Students must obtain a minimum grade point average (GPA) of 2.0 and earn a grade of C or better in all courses required for the major. Literature courses used to meet general education requirements cannot be used to satisfy major requirements. Students planning to transfer to a B.A. program in English should select courses that apply toward both the college graduation requirements and the bachelor's degree requirements of the four-year institution to which they intend to transfer. Students planning to undertake graduate study in English are advised to complete Intermediate Foreign Language 002A and 002B before transferring. Career Options: A. Advertising B. Business C. Civil Service D. Editing E. Information Systems F. Insurance G. Journalism H. Law I. Library Science J. Management K. Marketing Communications L. Politics M. Public Relations N. Publishing O. Research P. Teaching Q. Technical Communications R. Writing Note: Some career options require more than two years of college study.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

• Analyze and evaluate academic essays and literature.
• Write focused, organized, well-developed essays that support clear thesis statements and demonstrate competence in standard English grammar and usage.
• Formulate and communicate in writing positions on diverse issues.
• Write research papers that demonstrate the effective evaluation, integration, and MLA documentation of sources.
• Write focused, organized, well-developed essays that support clear thesis statements and demonstrate competence in standard English grammar and usage.
• Analyze and evaluate academic essays and literature.
• Formulate and communicate in writing, positions on diverse issues.
• Write research papers that demonstrate the effective evaluation, integration, and MLA documentation of sources.

**Required Core (6 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL001A</td>
<td>English Composition</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
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</tr>
<tr>
<td>ENGL001B</td>
<td>Critical Thinking Through Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001C</td>
<td>Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001CH</td>
<td>Honors Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
</tbody>
</table>
List A: Complete courses in one of the following groups: ENGL 005A & ENGL 005B OR ENGL 007A & ENGL 007B (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>ENGL005A</td>
<td>Survey of English Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL005B</td>
<td>Survey of English Literature 2</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL007A</td>
<td>American Literature 1</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL007B</td>
<td>American Literature 2</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List B: 9 units. Any course below or any course not already used from Group 1 or 2 above. (9 units)

Only one: (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL006A</td>
<td>World Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL006AH</td>
<td>Honors World Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL006B</td>
<td>World Literature 2</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL006BH</td>
<td>Honors World Literature 2</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL010</td>
<td>Children's Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL012</td>
<td>African American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL013</td>
<td>U.S. Latino Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL013H</td>
<td>Honors U.S. Latino Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL018</td>
<td>Asian American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL018H</td>
<td>Honors Asian American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL041</td>
<td>Literature and Film</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL043</td>
<td>Classical Mythology</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL043H</td>
<td>Honors Classical Mythology</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL044</td>
<td>The Bible As Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL046</td>
<td>Contemporary American Multi-Cultural</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL046H</td>
<td>Literature</td>
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<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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<tr>
<td>ENGL047</td>
<td>Introduction to Poetry</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL048</td>
<td>Introduction to Shakespeare</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL048H</td>
<td>Honors Introduction to Shakespeare</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL049</td>
<td>Modern Fiction</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL049H</td>
<td>Honors Modern Fiction</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL070</td>
<td>Creative Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL071</td>
<td>Writing Fiction</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL072</td>
<td>Writing Poetry</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL080</td>
<td>Voices: The Literary Arts Magazine</td>
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</tr>
<tr>
<td>ENGL081</td>
<td>Voices: Intermediate Literary Arts Magazine</td>
<td>2 units</td>
</tr>
</tbody>
</table>

Total Major Units: 21 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.
ENGLISH

Associate in Arts Degree for Transfer

The Associate in Arts in English for Transfer degree (AA-T) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in English, Literature, or Creative Writing. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Write focused, organized, well-developed essays that support clear thesis statements and demonstrate competence in standard English grammar and usage.
- Analyze and evaluate academic essays and literature; formulate and communicate in writing positions on diverse issues.
- Write research papers that demonstrate the effective evaluation, integration, and MLA documentation of sources.

Required Core Courses: Select two. (6 units)

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<td>Select one:</td>
<td><strong>Critical Thinking and Writing</strong></td>
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<tr>
<td>ENGL001C</td>
<td>Honors Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List A: Select two. (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL005A</td>
<td>Survey of English Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL005B</td>
<td>Survey of English Literature 2</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL007A</td>
<td>American Literature 1</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL007B</td>
<td>American Literature 2</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>World Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL006A</td>
<td>Honors World Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL006AH</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>World Literature 2</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL006B</td>
<td>Honors World Literature 2</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL006BH</td>
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<td>3 units</td>
</tr>
</tbody>
</table>

List B: Select one from below or any List A course not already used. (3 units)

<table>
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<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL010</td>
<td>Children's Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL012</td>
<td>African American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL018</td>
<td>Asian American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL041</td>
<td>Literature and Film</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Classical Mythology</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL043</td>
<td>Honors Classical Mythology</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL043H</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL044</td>
<td>The Bible As Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Contemporary American Multi-Cultural Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL046</td>
<td>Honors Contemporary American Multi-Cultural Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL046H</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL047</td>
<td>Introduction to Poetry</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Introduction to Shakespeare</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL048</td>
<td>Honors Introduction to Shakespeare</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL048H</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Modern Fiction</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL049</td>
<td>Honors Modern Fiction</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL049H</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>Course Number</td>
<td>Course Title</td>
<td>Units</td>
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<tr>
<td>--------------</td>
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</tr>
<tr>
<td>ENGL070</td>
<td>Creative Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL071</td>
<td>Writing Fiction</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL072</td>
<td>Writing Poetry</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List C: Select one from below or any List A or B course not already used. (3-5 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH004</td>
<td>Intro to Linguistic Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN078</td>
<td>Business Communication</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL013</td>
<td>U.S. Latino Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>FRNC001A</td>
<td>Beginning French</td>
<td>5 units</td>
</tr>
<tr>
<td>FRNC001B</td>
<td>Beginning French</td>
<td>5 units</td>
</tr>
<tr>
<td>FRNC002A</td>
<td>Intermediate French</td>
<td>5 units</td>
</tr>
<tr>
<td>FRNC002B</td>
<td>Intermediate French</td>
<td>5 units</td>
</tr>
<tr>
<td>FRNC003A</td>
<td>Advanced French Oral and Written Composition</td>
<td>5 units</td>
</tr>
<tr>
<td>FRNC003B</td>
<td>Advanced French Oral and Written Composition</td>
<td>5 units</td>
</tr>
<tr>
<td>GERM001A</td>
<td>Beginning German</td>
<td>5 units</td>
</tr>
<tr>
<td>GERM001B</td>
<td>Beginning German</td>
<td>5 units</td>
</tr>
<tr>
<td>HUMN001A</td>
<td>Human Values in and from the Arts - the Ancient World to the Early Renaissance</td>
<td>3 units</td>
</tr>
<tr>
<td>HUMN001B</td>
<td>Human Values in and from the Arts - the Renaissance to the Modern Age</td>
<td>3 units</td>
</tr>
<tr>
<td>ITAL001A</td>
<td>Beginning Italian</td>
<td>5 units</td>
</tr>
<tr>
<td>ITAL001B</td>
<td>Beginning Italian</td>
<td>5 units</td>
</tr>
<tr>
<td>ITAL002A</td>
<td>Intermediate Italian</td>
<td>5 units</td>
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<tr>
<td>ITAL002B</td>
<td>Intermediate Italian</td>
<td>5 units</td>
</tr>
<tr>
<td>JPN5001A</td>
<td>Beginning Japanese</td>
<td>5 units</td>
</tr>
<tr>
<td>JPN5001B</td>
<td>Beginning Japanese</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN001A</td>
<td>Beginning Spanish</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN001B</td>
<td>Beginning Spanish</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN002A</td>
<td>Intermediate Spanish</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN002B</td>
<td>Intermediate Spanish</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN003A</td>
<td>Advanced Spanish Oral and Written Composition</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN003B</td>
<td>Advanced Spanish Oral and Written Composition</td>
<td>5 units</td>
</tr>
<tr>
<td>THEA010</td>
<td>Introduction to Theater</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 18-20 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

**Fashion Design and Apparel Technology**

**APPAREL DESIGN**

**Associate in Science Degree**

The Apparel Design Associate of Science degree offers a comprehensive curriculum of design courses based on industry standard methods. These courses are designed to meet the different experience levels of students from beginner to advanced, as well as assist industry professionals seeking to upgrade their skills. After completing this degree students will be prepared for entry to mid-level positions in fashion design, trend forecasting, prototype sample
Degrees and Certificates

Development, and sourcing. Students may seek additional education at a 4-year institution such as Cal Poly Pomona, UC Davis, Fashion Institute of Technology or private fashion schools.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Utilize available technology for research.
- Create a production package, patterns and sample garment for mass production.
- Use computer aided design and manufacturing equipment and software for design development and production.
- Allocate time and materials to meet project deadlines.
- Demonstrate ability to function in a professional apparel industry environment.
- Demonstrate creative problem solving skills.
- Produce and present designs from concept to finished product.
- Participate as a team member in a diverse work environment.
- Evaluate, organize, maintain, interpret and communicate information.
- Use industry standard manufacturing equipment.

Required Courses (38 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDAT030</td>
<td>Introduction to Fashion Design</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT032</td>
<td>History of Fashion</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT044</td>
<td>Fashion Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT051</td>
<td>Basic Apparel Construction</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT052A</td>
<td>Fabric Analysis 1</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT052B</td>
<td>Fabric Analysis 2</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT056</td>
<td>Patternmaking 1</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT057</td>
<td>Patternmaking 2</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT066</td>
<td>Technical Design</td>
<td>2 units</td>
</tr>
<tr>
<td>FDAT070</td>
<td>Elements &amp; Principles of Design</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT076</td>
<td>Creative Apparel Design</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT081</td>
<td>Line Development</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT087</td>
<td>CAD: Technical Drawings and Specifications</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Recommended Elective (0 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDAT084</td>
<td>Fashion Design Internship</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

Total Major Units: 38 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

APPAREL DESIGN LEVEL 1

Certificate of Achievement

The Apparel Design Level 1 Certificate of Achievement offers an entry level curriculum of design courses based on industry standard methods. These courses are designed to meet the needs of students at the introductory level. Students who complete the Apparel Design Level 1 Certificate will have the entry level ability to create garments from initial sketches, through product development, pattern making, construction and finishing of the garment. They will also have the ability to function in the product development area that meets the professional requirements of the apparel industry. Possible career options are: Assistant Designer, Assistant Patternmaker, Production Assistant, Entry Level Technical Designer, and Entry Level Seamstress/Tailor.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Use computer aided design and manufacturing equipment and software for design development and production.
- Produce and present designs from concept to finished product.
- Demonstrate ability to function in a professional apparel industry environment.
- Allocate time and materials to meet project deadlines.
- Demonstrate creative problem solving skills.
- Create a production package, patterns and sample garment for mass production.
- Participate as a team member in a diverse work environment.
Degrees and Certificates

- Evaluate, organize, maintain, interpret and communicate information.
- Use industry standard manufacturing equipment.
- Utilize available technology for research.

Required Core Courses (24 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDAT030</td>
<td>Introduction to Fashion Design</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT044</td>
<td>Fashion Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT051</td>
<td>Basic Apparel Construction</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT052A</td>
<td>Fabric Analysis 1</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT052B</td>
<td>Fabric Analysis 2</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT055</td>
<td>Apparel Manufacturing</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT056</td>
<td>Patternmaking 1</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT070</td>
<td>Elements &amp; Principles of Design</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 24 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

APPAREL DESIGN LEVEL 2

Certificate of Achievement

The Apparel Design Level 2 Certificate of Achievement offers a comprehensive curriculum of design courses based on industry standard methods. These courses are designed to meet the different experience levels of students from beginner to advanced, as well as assist industry professionals seeking to upgrade their skills. After completing this certificate students will be prepared for entry to mid-level positions in fashion design, trend forecasting, prototype sample development, and sourcing. Students may seek additional education at a 4-year institution such as Cal Poly Pomona, UC Davis, Fashion Institute of Technology or private fashion schools.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Evaluate, organize, maintain, interpret and communicate information.
- Produce and present designs from concept to finished product.
- Allocate time and materials to meet project deadlines.
- Create a production package, patterns and sample garment for mass production.
- Demonstrate creative problem solving skills.
- Use industry standard manufacturing equipment.
- Demonstrate ability to function in a professional apparel industry environment.
- Utilize available technology for research.
- Use computer aided design and manufacturing equipment and software for design development and production.
- Participate as a team member in a diverse work environment.

Required Core Courses (44 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDAT019</td>
<td>Computer Patternmaking</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT030</td>
<td>Introduction to Fashion Design</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT032</td>
<td>History of Fashion</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT044</td>
<td>Fashion Drawing</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT051</td>
<td>Basic Apparel Construction</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT052A</td>
<td>Fabric Analysis 1</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT052B</td>
<td>Fabric Analysis 2</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT055</td>
<td>Apparel Manufacturing</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT056</td>
<td>Patternmaking 1</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT057</td>
<td>Patternmaking 2</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT066</td>
<td>Technical Design</td>
<td>2 units</td>
</tr>
<tr>
<td>FDAT070</td>
<td>Elements &amp; Principles of Design</td>
<td>3 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

### Elective Courses (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDAT020</td>
<td>Couture Embellishment</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT027</td>
<td>Professional Image</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT058</td>
<td>Fashion Draping</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT084</td>
<td>Fashion Design Internship</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

Total Certificate Units: 47 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

### APPAREL PRODUCTION

**Associate in Science Degree**

The Apparel Production AS degree is designed as a comprehensive curriculum of production courses based on industry standard methods for pattern design leading to first sample production utilizing both manual and electronic techniques. These courses are designed to meet the different experience levels of students from beginner to advanced, as well as assist industry professionals seeking to upgrade their skills. In addition to program specific courses students must complete 25 units of GE required course work. After completing this degree, students will be prepared for entry level positions in patternmaking, technical design, electronic patternmaking, grading, and marker making. Students may seek additional education at a 4-year institution such as Cal Poly Pomona, UC Davis, Fashion Institute of Technology or private fashion schools.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Utilize available technology for research.
- Evaluate, organize, maintain, interpret and communicate information.
- Participate as a team member in a diverse work environment.
- Use industry standard manufacturing equipment.
- Demonstrate creative problem solving skills.
- Demonstrate ability to function in a professional apparel industry environment.
- Allocate time and materials to meet project deadlines.
- Use computer aided design and manufacturing equipment and software for design development and production.

**Required Courses (32 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDAT019</td>
<td>Computer Patternmaking</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT030</td>
<td>Introduction to Fashion Design</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT051</td>
<td>Basic Apparel Construction</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT052A</td>
<td>Fabric Analysis 1</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT052B</td>
<td>Fabric Analysis 2</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT055</td>
<td>Apparel Manufacturing</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT056</td>
<td>Patternmaking 1</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT057</td>
<td>Patternmaking 2</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT066</td>
<td>Technical Design</td>
<td>2 units</td>
</tr>
<tr>
<td>FDAT058</td>
<td>Fashion Draping</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT087</td>
<td>CAD: Technical Drawings and Specifications</td>
<td>3 units</td>
</tr>
</tbody>
</table>
### Electives (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDAT020</td>
<td>Couture Embellishment</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT027</td>
<td>Professional Image</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT082</td>
<td>Sustainable Design</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT084</td>
<td>Fashion Design Internship</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 35 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

### APPAREL PRODUCTION

#### Certificate of Achievement

The Apparel Production Certificate of Achievement offers a comprehensive curriculum of production courses based on industry standard methods for pattern design leading to first sample production utilizing both manual and electronic techniques. These courses are designed to meet the different experience levels of students from beginner to advanced, as well as assist industry professionals seeking to upgrade their skills. Students who complete the Apparel Production Certificate will be prepared for entry level position in patternmaking, technical design, electronic patternmaking, grading, and marker making. Possible career options are: Assistant Patternmaker, Production Assistant, Technical Designer, and Entry Level CAD Grader/Marker Maker.

#### Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Use computer aided design and manufacturing equipment and software for design development and production.
- Evaluate, organize, maintain, interpret and communicate information.
- Participate as a team member in a diverse work environment.
- Use industry standard manufacturing equipment.
- Utilize available technology for research.
- Demonstrate ability to function in a professional apparel industry environment.
- Demonstrate creative problem solving skills.
- Allocate time and materials to meet project deadlines.

#### Required Core Courses (26 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDAT019</td>
<td>Computer Patternmaking</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT030</td>
<td>Introduction to Fashion Design</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT051</td>
<td>Basic Apparel Construction</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT052A</td>
<td>Fabric Analysis 1</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT052B</td>
<td>Fabric Analysis 2</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT055</td>
<td>Apparel Manufacturing</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT056</td>
<td>Patternmaking 1</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT057</td>
<td>Patternmaking 2</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT066</td>
<td>Technical Design</td>
<td>2 units</td>
</tr>
</tbody>
</table>

Elective Courses (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDAT020</td>
<td>Couture Embellishment</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT027</td>
<td>Professional Image</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT058</td>
<td>Fashion Draping</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT084</td>
<td>Fashion Design Internship</td>
<td>3 units</td>
</tr>
<tr>
<td>FDAT087</td>
<td>CAD: Technical Drawings and Specifications</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 29 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

**French**

**FRENCH**

**Associate in Arts Degree**

The Associate of Arts in French (AA in French) requires 20 units of major core courses, which provides students with a solid foundation of the French language and of the cultures of the French-speaking world. The Associate of Arts in French provides students with the necessary coursework to transfer to a four-year university where students will have the opportunity to complete a bachelor’s or graduate degree in French. Depending on their entry level of French, the students seeking an A.A. in French can choose among the following courses: FRNC 1A, FRNC 1B, FRNC 2A, FRNC 2B, FRNC 3A, FRNC 3B. Each course is 5 units.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
- Respond with written and spoken expressions in French.
- Explain aspects of diverse cultural and global awareness relevant to French speaking countries.
- Communicate on common daily topics in French.
- Customize the mode of communication appropriate to specific francophone audiences.
- Speak and convey information with accuracy and pronunciation acceptable to native-speakers of the French language.

(20 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRNC001A</td>
<td>Beginning French</td>
<td>5 units</td>
</tr>
<tr>
<td>FRNC001B</td>
<td>Beginning French</td>
<td>5 units</td>
</tr>
<tr>
<td>FRNC002A</td>
<td>Intermediate French</td>
<td>5 units</td>
</tr>
<tr>
<td>FRNC002B</td>
<td>Intermediate French</td>
<td>5 units</td>
</tr>
<tr>
<td>FRNC003A</td>
<td>Advanced French Oral and Written Composition</td>
<td>5 units</td>
</tr>
<tr>
<td>FRNC003B</td>
<td>Advanced French Oral and Written Composition</td>
<td>5 units</td>
</tr>
</tbody>
</table>

Total Major Units: 20 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

**Geography**

**GEOGRAPHY**

**Associate in Arts Degree**

The Associate in Arts in Geography is a 60 unit program which provides lower division coursework for students to transfer to a four-year institution for a major in Geography. Career Opportunities The study of geography offers students a wide array of potential career paths. Geography graduates often go on to work at colleges, universities as teachers and researchers. Opportunities also exist with federal and state governments and non-governmental organizations in the form of social science and public health analysis, community planning and cultural advocacy. Some geography graduates find employment in the fields of regional planning, natural resource management, retail site location analysis, real estate, or GIS (Geographic Information Systems). Examples of careers for Geography majors include: 1. Education / Outreach 2. Geographic Information System (GIS) Analysis 3. Regional Planning 4. Natural Resource Management 5. Retail Site Location Analysis 6. Real Estate 7. Community Development 8. Human Rights / Social Justice Advocacy 9. Human / Social Services 10. International Development / Affairs The Associate in Arts in Geography Degree (A.A. in Geography) is primarily transfer oriented. It prepares students to enter 4-year Geography programs at the university level.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
- Compare and contrast different types of landforms.
- Analyze the controls, distribution, and classification of world climates.
- Analyze spatially related problems related to current/recent geopolitical events.

**Required Core Courses (13 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG001</td>
<td>Intro Physical Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOG002</td>
<td>Introduction to Cultural Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOG006</td>
<td>World Regional Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH010</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010H</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Elective Courses: at least 9 units (9 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH001</td>
<td>Introduction to Physical Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH002</td>
<td>Introduction to Archaeology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>ANTH003</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH003H</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL059</td>
<td>Climate Change</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>ECON001A</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001AH</td>
<td>Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>ECON001B</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001BH</td>
<td>Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>GEOL001A</td>
<td>Physical Geology</td>
<td>4 units</td>
</tr>
<tr>
<td>GEOL001B</td>
<td>Historical Geology</td>
<td>4 units</td>
</tr>
<tr>
<td>GEOL012</td>
<td>Earth Science with Lab</td>
<td>4 units</td>
</tr>
<tr>
<td>GEOL015</td>
<td>Geology of California</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOL020</td>
<td>Field Geology</td>
<td>2 units</td>
</tr>
<tr>
<td>GIST016A</td>
<td>Introduction to Geospatial Technology</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016B</td>
<td>Mobile GIS</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016C</td>
<td>Spatial Analysis for GIS</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016G</td>
<td>Introduction to Remote Sensing</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016I</td>
<td>GIS Programming and the Web</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST004A</td>
<td>Western Civilization I: Prehistory to 1500 CE</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST004B</td>
<td>Western Civilization II: 1500 CE to Present</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST005A</td>
<td>World History: Prehistory to 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST005B</td>
<td>World History from 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST012</td>
<td>African American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST014</td>
<td>History of the Native North Americans</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST016</td>
<td>Mexican-American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017A</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>HIST017B</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017BH</td>
<td>United States History Honors United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST020</td>
<td>History and Geography of California</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>POLI001</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI001H</td>
<td>American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI002</td>
<td>Comparative Governments</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>POLI003</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI003H</td>
<td>Introduction to Political Science</td>
<td>3 units</td>
</tr>
</tbody>
</table>

202 West Valley College 2022 – 2023 Catalog
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLI004</td>
<td>International Relations</td>
<td>3 units</td>
</tr>
<tr>
<td>PSCI010</td>
<td>Physical Science Survey</td>
<td>3 units</td>
</tr>
<tr>
<td>PSCI020</td>
<td>Weather and Climate</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001H</td>
<td>Honors General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC009</td>
<td>Psychology of Women: A Multicultural Perspective</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOCI002</td>
<td>Social Problems</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI002H</td>
<td>Honors Social Problems</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 22 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

**GEOGRAPHY**

**Associate in Arts Degree for Transfer**

The Associate in Arts in Geography for Transfer degree (AA-T in Geography) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Geography. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units; 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district; 4. obtainment of a minimum grade point average (GPA) of 2.0; 5. earn a grade of C (or P) or better in all courses required for the major or area of emphasis.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Compare and contrast different types of landforms.
- Analyze the controls, distribution, and classification of world climates.
- Analyze spatially related problems related to current/recent geopolitical events.

**Required Core (6 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG001</td>
<td>Intro Physical Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG002</td>
<td>Introduction to Cultural Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOG006</td>
<td>World Regional Geography</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**List A Courses (6 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIST016A</td>
<td>Introduction to Geospatial Technology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSCI020</td>
<td>Weather and Climate</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**List B Courses (select 2 courses from below or anything from Required Core not used) (6-8 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH002</td>
<td>Introduction to Archaeology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH003H</td>
<td>Honors Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOL001A</td>
<td>Physical Geology</td>
<td>4 units</td>
</tr>
<tr>
<td>HIST017A</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>United States History</td>
<td>3 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST017B</td>
<td>Honors United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017BH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Only one:</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
</tbody>
</table>

Total Major Units: 18-20 units
CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

Geology

GEOLOGY

Associate in Science Degree for Transfer

The Associate in Science in Geology for Transfer degree (AS-T in Geology) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Geology. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units; 2. the Intersegmental General Education Transfer Curriculum (IGETC) pattern; 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district; 4. obtainment of a minimum grade point average (GPA) of 2.0; 5. earn a grade of C (or P) or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Demonstrate oral and written communication skills.
- Use geological concepts to explain the physical planet, its change through time, and its influence on life through time.
- Apply observational skills and the scientific method to address problems in geology.

Required Core Courses (28 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL001A</td>
<td>Physical Geology</td>
<td>4 units</td>
</tr>
<tr>
<td>GEOL001B</td>
<td>Historical Geology</td>
<td>4 units</td>
</tr>
<tr>
<td>CHEM001A</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM001B</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003A</td>
<td>Calculus and Analytic Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003B</td>
<td>Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
</tbody>
</table>

Total Major Units: 28 units
CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

Geospatial Technology

GEOSPATIAL TECHNOLOGY

Certificate of Achievement

The Geospatial Technology Certificate of Achievement requires the completion of 24 units of core coursework. This course of study includes: geographic information science, global positioning systems, remote sensing, and web-based and mobile mapping services. The Geospatial Technology certificate is intended to provide students with a foundation in the field of geospatial technologies. The certificate is designed for those students who have a desire to pursue a career as a GIS Technician or a Remote Sensing Technician, or to enhance skills to maintain current employment.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Demonstrate skill in using the geospatial concepts in both a desktop and web-based environment that apply to GIS, GPS, and Remote Sensing disciplines.
- Demonstrate skills and knowledge to perform analysis both in a desktop and web-based environment that apply using GIS, GPS, and Remote Sensing.

Required Core Courses (24 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIST016A</td>
<td>Introduction to Geospatial Technology</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016B</td>
<td>Mobile GIS</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016C</td>
<td>Spatial Analysis for GIS</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016D</td>
<td>Cartographic Design for GIS</td>
<td>3 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIST016E</td>
<td>Database Design and Management for GIS</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016G</td>
<td>Introduction to Remote Sensing</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016I</td>
<td>GIS Programming and the Web</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT020A</td>
<td>Employment Preparation</td>
<td>1 unit</td>
</tr>
<tr>
<td>PMGT020B</td>
<td>Internship</td>
<td>2 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 24 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

### Health Care Technologies

#### CLINICAL ASSISTANT

**Certificate of Achievement**

The Clinical Assistant program is designed for those who are interested in working in a back office setting in a clinic or out-patient facility. Duties would include obtaining/recording patient’s height, weight, temperature, and blood pressure, obtaining health histories, performing basic lab tests, preparing/assisting with patient examinations, recording EKG and sterilizing surgical instruments. The program also includes instruction in medical law and ethics, interpersonal communication, patient care, appointment scheduling, telephone technique, and electronic medical records management. Upon completion of all the required courses (34.5 units), students are assisted with the placement of an internship in a local health care facility. Background checks and drug testing are now required prior to entry. Possible career pathways include: Clinical Medical Assistant, EKG Technician, Emergency Department Technician, and Orthopedic Technician (if an additional 240-hour internship in Orthopedics is completed.)

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
- Demonstrate the ability to access and input patient information using electronic medical records systems.
- Demonstrate the ability to assist medical care providers in delivering patient care.
- Demonstrate the ability to perform basic medical front office responsibilities.

**Required Core Courses (34.5 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTCH001</td>
<td>Introduction to Health Care</td>
<td>1 unit</td>
</tr>
<tr>
<td>HTCH002</td>
<td>Medical Information Processing</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH004</td>
<td>Structure and Function of the Human Body</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH005</td>
<td>Basic Medical Terminology</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH006</td>
<td>Advanced Medical Terminology</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH007</td>
<td>Medical Ethics &amp; Law</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH008</td>
<td>Communication for Health Care Personnel</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH041</td>
<td>Medical Office Business Procedures</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH044</td>
<td>Electronic Medical Records</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH054A</td>
<td>Internship for Health Care Technologies</td>
<td>0 units</td>
</tr>
<tr>
<td>HTCH055</td>
<td>Vital Signs and Assisting with Medical Examinations</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH057</td>
<td>Sterile Techniques</td>
<td>2.5 units</td>
</tr>
<tr>
<td>HTCH058</td>
<td>Laboratory Techniques</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH063</td>
<td>Medication Administration</td>
<td>1.5 units</td>
</tr>
<tr>
<td>HTCH064</td>
<td>ECG and Orthopedic Technology</td>
<td>2.5 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 34.5 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.
INSURANCE BILLING SPECIALIST

Certificate of Achievement
The Insurance Billing Specialist program is designed to train students to: receive medical claim forms; abstract medical information such as diagnosis, prognosis, and dates of treatment from patient records; complete forms; and answer inquiries from doctors, patients, and insurance companies. Billing specialists must have knowledge of medical terminology, diagnostic and procedural coding, as well as the legal requirements for release of medical information. Upon completion of all required courses, students are placed in an internship at a local health care facility. This is a valuable experience in applying the knowledge and skills acquired in class to the workplace. A Statement of Eligibility for Internship, a health statement and physical examination, a current CPR certificate, keyboarding proficiency of 35 wpm, basic word processing skills, and completion of all required courses with a grade of “C” or better are required prior to entry into an internship (HTCH 054A). Upon completion of the certificate, students are prepared to pursue the following career options: Insurance Biller, Medical File Clerk, Patient Account Representative, Medical Administrative Assistant, and Medical Office Management.

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
• Describe and identify the ways that medical insurance billers help ensure the financial success of physician practices and ambulatory settings.
• Demonstrate the skills and knowledge needed to complete and submit a professional claim on behalf of medical providers.
• Demonstrate the skills and knowledge needed to work with diagnostic and procedural coding systems.
• Demonstrate the knowledge to work as a liaison between the doctor and insurance companies.

Required Core Courses (23 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTCH001</td>
<td>Introduction to Health Care</td>
<td>1 unit</td>
</tr>
<tr>
<td>HTCH002</td>
<td>Medical Information Processing</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH005</td>
<td>Basic Medical Terminology</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH006</td>
<td>Advanced Medical Terminology</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH007</td>
<td>Medical Ethics &amp; Law</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH008</td>
<td>Communication for Health Care Personnel</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH041</td>
<td>Medical Office Business Procedures</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH042</td>
<td>Insurance Billing and Coding</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH043</td>
<td>Basic Medical Accounting and Record Keeping</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH054A</td>
<td>Internship for Health Care Technologies</td>
<td>2 units</td>
</tr>
</tbody>
</table>

Recommended Electives (0 units)

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTCH044</td>
<td>Electronic Medical Records</td>
<td>2 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 23 units
To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

MEDICAL ADMINISTRATIVE ASSISTANT

Certificate of Achievement
The Medical Administrative Assistant program focuses on the many and varied administrative functions of the medical office including personnel supervision, credit and collection procedures, and the management of time and resources. Upon completion of all required courses (25.5 units), students are assisted with placement in an internship at a local health care facility. This is a valuable experience in applying the knowledge and skills acquired in class to the workplace. Program Requirements The following are required prior to entry into the internship: 1. Statement of Eligibility for internship 2. Health Statement and physical examination 3. Current CPR certificate 4. Keyboarding proficiency of 35 wpm 5. Basic word processing skills 6. Completion of all required courses with a grade of C or better prior to entry into internship HTCH 054A. Upon completion of the certificate, students are prepared to pursue the following career options: Medical Office Management, Medical Administrative Assistant, Medical File Clerk, and Medical Receptionist.

Program Learning Outcomes
Upon successful completion of this program a student will be able to:
• Demonstrate ability to manage medical front office tasks and responsibilities.
• Demonstrate ability to access and input patient information using electronic medical records systems.
• Describe and identify the ways that medical administrative assistants help ensure the financial success of physician practices.
• Demonstrate the ability to access and input patient information using electronic medical records systems.
• Demonstrate the ability to assist medical care providers in delivering patient care.
• Demonstrate the ability to manage medical front office tasks and responsibilities.
### Required Core Courses (25.5 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTCH001</td>
<td>Introduction to Health Care</td>
<td>1 unit</td>
</tr>
<tr>
<td>HTCH002</td>
<td>Medical Information Processing</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH005</td>
<td>Basic Medical Terminology</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH041</td>
<td>Medical Office Business Procedures</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH042</td>
<td>Insurance Billing and Coding</td>
<td>2 units</td>
</tr>
<tr>
<td>HSCI003</td>
<td>CPR / AED - Basic Life Support for Providers and Professionals</td>
<td>0.5 units</td>
</tr>
<tr>
<td>HTCH006</td>
<td>Advanced Medical Terminology</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH007</td>
<td>Medical Ethics &amp; Law</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH008</td>
<td>Communication for Health Care Personnel</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH043</td>
<td>Basic Medical Accounting and Record Keeping</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH044</td>
<td>Electronic Medical Records</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH054A</td>
<td>Internship for Health Care Technologies</td>
<td>2 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 25.5 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

### MEDICAL ASSISTANT

#### Associate in Science Degree

The Medical Assistant Associate of Science Degree Program prepares students to work in the front and back office of a physician’s office, clinic or other out-patient facilities. Multiple skills and areas of theory are taught to prepare graduates to assume an important and valuable role as a team member in health care delivery. Upon completion of all required courses, students are assisted with the placement of an internship in a local health care facility. This is a valuable experience in applying the knowledge and skills acquired in class to the workplace. Required prior to entry into an internship: 1. Health statement and physical examination 2. Current CPR certificate 3. Keyboarding proficiency of at least 35 wpm 4. Basic word processing skills 5. Completion of all required courses with a grade of C or better Many facilities are requiring background checks and drug testing prior to entry.

#### Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Demonstrate the ability to assist medical care providers in delivering patient care.
- Demonstrate the ability to manage medical front office tasks and responsibilities.
- Demonstrate the ability to access and input patient information using electronic medical records systems.

#### Required Courses: HTCH 54A must be taken twice to equal 4 units: (42 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTCH001</td>
<td>Introduction to Health Care</td>
<td>1 unit</td>
</tr>
<tr>
<td>HTCH002</td>
<td>Medical Information Processing</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH004</td>
<td>Structure and Function of the Human Body</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH005</td>
<td>Basic Medical Terminology</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH006</td>
<td>Advanced Medical Terminology</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH007</td>
<td>Medical Ethics &amp; Law</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH008</td>
<td>Communication for Health Care Personnel</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH041</td>
<td>Medical Office Business Procedures</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH042</td>
<td>Insurance Billing and Coding</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH043</td>
<td>Basic Medical Accounting and Record Keeping</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH044</td>
<td>Electronic Medical Records</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH055</td>
<td>Vital Signs and Assisting with Medical Examinations</td>
<td>2 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTCH057</td>
<td>Sterile Techniques</td>
<td>2.5 units</td>
</tr>
<tr>
<td>HTCH058</td>
<td>Laboratory Techniques</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH063</td>
<td>Medication Administration</td>
<td>1.5 units</td>
</tr>
<tr>
<td>HTCH064</td>
<td>ECG and Orthopedic Technology</td>
<td>2.5 units</td>
</tr>
<tr>
<td>HSCI003</td>
<td>CPR / AED - Basic Life Support for Providers and Professionals</td>
<td>0.5 units</td>
</tr>
<tr>
<td>HTCH054A</td>
<td>Internship for Health Care Technologies</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH054A</td>
<td>Internship for Health Care Technologies</td>
<td>2 units</td>
</tr>
</tbody>
</table>

Total Major Units: 42 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 64-unit Associate Degree requirements.

### MEDICAL ASSISTANT

#### Certificate of Achievement

The Medical Assistant Program prepares students to work in the front and back office of a physician's office, clinic or other out-patient facilities. Multiple skills and areas of theory are taught so that graduates are prepared to assume an important and valuable role as a team member in health care delivery. Upon completion of all required courses, students are assisted with the placement of an internship in a local health care facility. This is a valuable experience in applying the knowledge and skill acquired in class to the workplace. Required prior to entry into an internship: 1. A Statement of Eligibility for internship 2. Health statement and physical examination 3. Current CPR certificate 4. Keyboarding proficiency of at least 35 wpm 5. Basic word processing skills 6. Completion of all required courses with a grade of C or better 7. Many facilities are requiring background checks and drug testing prior to entry (HTCH 54A is required.) Career Paths Include: 1. ECG Technician 2. Insurance billing and coding 3. Insurance Account Representative 4. Medical Administrative Assistant 5. Medical Reception 6. Medical Office Manager

#### Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Demonstrate the ability to manage medical front office tasks and responsibilities.
- Demonstrate the ability to access and input patient information using electronic medical records systems.
- Demonstrate the ability to assist medical care providers in delivering patient care.

#### Required Core Courses: HTCH 054A is required to be taken two times to acquire 4 units of occupational work experience (42 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTCH001</td>
<td>Introduction to Health Care</td>
<td>1 unit</td>
</tr>
<tr>
<td>HTCH002</td>
<td>Medical Information Processing</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH004</td>
<td>Structure and Function of the Human Body</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH005</td>
<td>Basic Medical Terminology</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH006</td>
<td>Advanced Medical Terminology</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH007</td>
<td>Medical Ethics &amp; Law</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH008</td>
<td>Communication for Health Care Personnel</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH041</td>
<td>Medical Office Business Procedures</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH042</td>
<td>Insurance Billing and Coding</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH043</td>
<td>Basic Medical Accounting and Record Keeping</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH044</td>
<td>Electronic Medical Records</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH055</td>
<td>Vital Signs and Assisting with Medical Examinations</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH057</td>
<td>Sterile Techniques</td>
<td>2.5 units</td>
</tr>
<tr>
<td>HTCH058</td>
<td>Laboratory Techniques</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH063</td>
<td>Medication Administration</td>
<td>1.5 units</td>
</tr>
</tbody>
</table>
Health Science

Health Science with Health Promotion and Disease Prevention, Health Education, Public Health, Public Health Promotion, Kinesiology with
for the major in Health Science, Health Science with Health Education option, Health Science with Public Health option, Health Science with Community
degree (AS-T in Public Health Science) is a 60-unit program which provides students the lower division coursework required for transfer to a CSU institution.
educational programs, recommending policies, administering services and conducting research. The Associate in Science in Public Health Science for Transfer
likely to suffer from poor health than others. Public health professionals also work to prevent problems from happening or recurring through implementing
work to track disease outbreaks, reduce health disparities, advocate for healthcare equity and accessibility, and shed light on why some of us are more
interdisciplinary in nature and students will gain an understanding of the biopsychosocial basis for health and healthy populations. Public health professionals
communities. It bridges the gap between scientific discoveries and the application of research in the community to improve the quality of life. The degree is
introduction to various career pathways within this field. Public Health Science includes the science of protecting and improving the health of people and their

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTCH064</td>
<td>ECG and Orthopedic Technology</td>
<td>2.5 units</td>
</tr>
<tr>
<td>HSCI003</td>
<td>CPR / AED - Basic Life Support for Providers and Professionals</td>
<td>0.5 units</td>
</tr>
<tr>
<td>HTCH054A</td>
<td>Internship for Health Care Technologies</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH054A</td>
<td>Internship for Health Care Technologies</td>
<td>2 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 42 units
To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

ORTHOPEDIC TECHNICIAN

Certificate of Achievement
The goal of the Orthopedic Technician program is to provide Career Technical Education opportunities in the healthcare field. The program provides the skills to work in a medical clinic, medical office, or hospital setting. The program offers hands-on training in Orthopedic skills such as: the application and removal of plaster and synthetic casts, assist others to safely use walking aids such as canes, walkers, and crutches, fit and adjust equipment as necessary, and set up and make adjustments to certain types of traction under the guidance of a physician. Under the guidance of a surgeon, Orthopedic Technicians fabricate splints and manage other simple medical technology, including braces and cast removal. Students earning the Orthopedic Technician Certificate may be qualified to assist orthopedic surgeons in the care of patients with injuries or diseases of the musculoskeletal system. After completing the required courses, there is a 240-hour internship. Students must have CPR certification and undergo background checks and drug screening before completing their internship. While certification isn't required in order to work as an orthopedic technician, earning a professional credential can lead to additional career opportunities. The National Board for Certification of Orthopedic Technologists, Inc. offers the Orthopedic Technologist Certified (OTC) and Orthopedic Technologist Surgery Certified (OT-S) credentials. Prior to enrolling in this program, it is recommended that students have experience working as a medical assistant or have completed the Clinical Assistant program requirements as this program builds upon those skills and knowledge base. Possible employment settings for students earning the Orthopedic Technician Certificate of Achievement include: A. hospitals B. large medical clinics C. orthopedic practices D. skilled nursing facilities

Required Core Courses. Internship course must be taken twice. (17 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTCH004</td>
<td>Structure and Function of the Human Body</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH006</td>
<td>Advanced Medical Terminology</td>
<td>3 units</td>
</tr>
<tr>
<td>HTCH055</td>
<td>Vital Signs and Assisting with Medical Examinations</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH057</td>
<td>Sterile Techniques</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH064</td>
<td>ECG and Orthopedic Technology</td>
<td>2.5 units</td>
</tr>
<tr>
<td>HTCH054A</td>
<td>Internship for Health Care Technologies</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH054A</td>
<td>Internship for Health Care Technologies</td>
<td>2 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 17 units
To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

Health Science

PUBLIC HEALTH SCIENCE

Associate in Science Degree for Transfer
Public Health is a dynamic field that provides career opportunities in a wide variety of settings including federal, state, and local health agencies, community health departments, healthcare organizations, hospitals, allied health providers, HMO's, research organizations, crisis agencies, educational institutions, and many other areas. The Public Health Science for Transfer degree (AS-T in Public Health Science) is designed to prepare students for related programs at the bachelor's degree level and provides comprehensive preparation for upper-division work in health-related majors. Students will be able to apply a multidimensional approach to health that incorporates the study of social, behavioral, and physiological sciences. Additionally, the degree provides an introduction to various career pathways within this field. Public Health Science includes the science of protecting and improving the health of people and their communities. It bridges the gap between scientific discoveries and the application of research in the community to improve the quality of life. The degree is interdisciplinary in nature and students will gain an understanding of the biopsychosocial basis for health and healthy populations. Public health professionals work to track disease outbreaks, reduce health disparities, advocate for healthcare equity and accessibility, and shed light on why some of us are more likely to suffer from poor health than others. Public health professionals also work to prevent problems from happening or recurring through implementing educational programs, recommending policies, administering services and conducting research. The Associate in Science in Public Health Science for Transfer degree (AS-T in Public Health Science) is a 60-unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Health Science, Health Science with Health Education option, Health Science with Public Health option, Health Science with Community Health option, Health Science with Health Promotion and Disease Prevention, Health Education, Public Health, Public Health Promotion, Kinesiology with
Degrees and Certificates

Health Education, Kinesiology with Health Science option, Kinesiology with Health and Wellness Promotion, Kinesiology with Health Promotion and Disease Prevention, Collaborative Health and Human Services with Community Health option, and majors in related fields in pursuit of a baccalaureate degree. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtaining of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C or better in all courses required for the major or area of emphasis.

Core Courses (31-32 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI008</td>
<td>Contemporary Health</td>
<td>3</td>
</tr>
<tr>
<td>HSCI014</td>
<td>Concepts of Public Health and Society</td>
<td>3</td>
</tr>
<tr>
<td>Select one: MATH010 MATH010H</td>
<td>Elementary Statistics Honors Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>BIOD 010 and BIOD 010L must be taken together. BIOD010 BIOD010L</td>
<td>Introduction to Biology Introduction to Biology Lab</td>
<td>3 units 1 unit</td>
</tr>
<tr>
<td>Select one: CHEM002 CHEM001A</td>
<td>Introductory Chemistry General Chemistry</td>
<td>4 units 5 units</td>
</tr>
<tr>
<td>PSYCO01</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>BIOD047</td>
<td>Human Anatomy</td>
<td>5</td>
</tr>
<tr>
<td>BIOD048</td>
<td>Human Physiology</td>
<td>5</td>
</tr>
</tbody>
</table>

List A: Select one (3-5 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOD045</td>
<td>Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>HSCI010</td>
<td>Human Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>NUTR015</td>
<td>Human Nutrition</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units: 34-37 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

History

HISTORY

Associate in Arts Degree

The Associate of Arts in History is designed to provide foundational knowledge of western civilization, United States History, and history of diverse groups and to prepare students to transfer to a baccalaureate program in History.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

• Analyze how the interplay of multiple factors in a society including intellectual, economic, demographic, and cultural variables resulted in particular historical outcomes.
• Describe how the social, political, intellectual, and economic systems of a particular society change over time.

Required Core Courses (12 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST004A</td>
<td>Western Civilization I: Prehistory to 1500 CE</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST004B</td>
<td>Western Civilization II: 1500 CE to present</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017A</td>
<td>United States History</td>
<td>3</td>
</tr>
<tr>
<td>HIST017B</td>
<td>United States History</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Courses (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST005A</td>
<td>World History: Prehistory to 1500</td>
<td>3 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST005B</td>
<td>World History from 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST012</td>
<td>African American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST014</td>
<td>History of the Native North Americans</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST016</td>
<td>Mexican-American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST020</td>
<td>History and Geography of California</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 18 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

HISTORY

Associate in Arts Degree for Transfer

The Associate in Arts in History for Transfer degree (AA-T in History) is a 60 unit program designed to provide lower division education to students planning to transfer to a CSU institution in pursuit of a baccalaureate degree in History. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
• Describe how the social, political, intellectual and economic systems of a particular society change over time and analyze how the interplay of multiple factors in a society including intellectual, economic, demographic, and cultural variables resulted in particular historical outcomes.

Required Core Courses (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST017A</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST017B/HIST017BH</td>
<td>United States History Honors United States History</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List A: Select two (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST005A/HIST004A</td>
<td>World History: Prehistory to 1500 Western Civilization I: Prehistory to 1500 CE</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST005B/HIST004B</td>
<td>World History from 1500 Western Civilization II: 1500 CE to present</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List B Area 1: Diversity (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST005A</td>
<td>World History: Prehistory to 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST005B</td>
<td>World History from 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST012</td>
<td>African American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST014</td>
<td>History of the Native North Americans</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST016</td>
<td>Mexican-American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST020</td>
<td>History and Geography of California</td>
<td>3 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

#### List B Area 2 (3-4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH002</td>
<td>Introduction to Archaeology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLI001</td>
<td>American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI001H</td>
<td>Honors American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>WGQS001</td>
<td>Introduction to Women’s Studies</td>
<td>4 units</td>
</tr>
<tr>
<td>WGQS003</td>
<td>Introduction to Gender and Queer Studies</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 18-19 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

### Interior Design

#### COMPUTER AIDED DRAFTING & DESIGN

**Certificate of Achievement**

The goals and objectives of the Computer Aided Drafting and Design Certificate are designed for students to practice skills for the interior design profession that require computer aided drafting and computer graphics to prepare conceptual, design, and construction drawings. The program provides a professionally-focused curriculum centered on the practical application of skills related to the interior design field. Examples of interior design employers and career opportunities include working in: 1. interior design firms 2. architectural firms 3. kitchen and bath design firms 4. commercial furniture dealerships 5. corporate facilities departments 6. design-build firms

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Produce CAD drawing to represent existing field conditions by implementing drafting conventions.
- Create, manipulate, and organize hand-drafted and CAD drawings demonstrating industry standards.
- Plan and generate CAD drawing files using common and advanced CAD tools.
- Plan and generate CAD drawing files using common and advanced CAD tools.

**Required Core Courses (12 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTD032</td>
<td>Graphics Techniques for Interior Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD065</td>
<td>Introduction to Computer-Aided Interior Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD066</td>
<td>Advanced Computer Aided Design</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH049</td>
<td>Introduction to Rhino</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 12 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

### INTERIOR DESIGN FUNDAMENTALS

**Associate in Science Degree**

The Interior Design Fundamentals Associate in Science Degree is designed to give students the opportunity to practice in various facets of the interior design industry. The Interior Design Fundamentals Associate in Science Degree provides a curriculum focused on the basic and essential aspects of interior design with an emphasis on practical application in the field at the entry level. The degree provides students the opportunity to combine knowledge and skills acquired from general education courses with their interior design studies and transition them into professional practice as design assistants. The Interior Design Fundamentals Associate in Science Degree provides career and technical education to prepare students for career opportunities in: 1. interior design firms 2. architectural firms 3. kitchen and bath design firms 4. commercial furniture dealerships 5. furniture and finish manufacturers The Interior Design Fundamentals Associate in Science Degree is a professional entry-level degree that allows re-entry students with bachelor's and advanced degrees, those students who do not intend to pursue bachelor's degree, and those students who wish to transfer into a four-year university to pursue a bachelor's degree, the opportunity to obtain professional entry-level training and enter the workforce.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Prepare drawings and documents relative to the design of interior spaces based on information provided.
- Perform services relative to interior spaces and the built environment, including study in aesthetics, design process, design analysis, programming, schematics, design development, documentation, and project management.

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• Identify, research, and creatively solve problems pertaining to the function and quality of the interior environment.
• Apply specialized knowledge of interior construction, building codes, equipment, materials and furnishings.

**Fundamental Courses (31 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTD005</td>
<td>Introduction to Interior Design</td>
<td>1</td>
</tr>
<tr>
<td>INTD010</td>
<td>Elements and Principles of Interior Design</td>
<td>3</td>
</tr>
<tr>
<td>INTD020</td>
<td>Color Theory and Application</td>
<td>3</td>
</tr>
<tr>
<td>INTD022</td>
<td>Finish Materials, Estimating and Costing</td>
<td>3</td>
</tr>
<tr>
<td>INTD028</td>
<td>Interior Construction and Building Systems</td>
<td>3</td>
</tr>
<tr>
<td>INTD029</td>
<td>Green and Sustainable Design</td>
<td>3</td>
</tr>
<tr>
<td>INTD032</td>
<td>Graphics Techniques for Interior Design</td>
<td>3</td>
</tr>
<tr>
<td>INTD036</td>
<td>History of Interior Design</td>
<td>3</td>
</tr>
<tr>
<td>INTD050</td>
<td>Kitchen &amp; Bath Design</td>
<td>3</td>
</tr>
<tr>
<td>INTD065</td>
<td>Introduction to Computer-Aided Interior Design</td>
<td>3</td>
</tr>
<tr>
<td>INTD075</td>
<td>Lighting Design</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives (4 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH057</td>
<td>Architectural Model Making</td>
<td>1</td>
</tr>
<tr>
<td>DIGM025B</td>
<td>Social Media Marketing</td>
<td>1</td>
</tr>
<tr>
<td>INTD066</td>
<td>Advanced Computer Aided Design</td>
<td>3</td>
</tr>
<tr>
<td>INTD070</td>
<td>Advanced Graphic Techniques</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units: 35 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

**INTERIOR DESIGN FUNDAMENTALS**

**Certificate of Achievement**

The Interior Design Fundamentals Certificate prepares students to practice in various facets of the interior design profession. The program provides a curriculum focused on the basic and essential aspects of interior design with an emphasis on practical application in the field. The Interior Design Fundamentals Certificate is an entry-level certificate that affords students the opportunity to obtain specific training needed to effectively enter the workforce at the design assistant level. Students completing this certificate will be able to demonstrate skills and apply the knowledge necessary to achieve entry-level occupation in the professional interior design field. The Interior Design Fundamentals Certificate provides career and technical education to prepare students for career opportunities in: 1. interior design firms 2. architectural firms 3. kitchen and bath design firms 4. retail finishes and furnishings stores 5. commercial furniture dealerships 6. furniture and finish manufacturers

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
• Apply specialized knowledge of interior construction, building codes, equipment, materials and furnishings.
• Perform services relative to interior spaces and the built environment, including study in aesthetics, design process, design analysis, programming, schematics, design development, documentation, and project management.
• Identify, research, and creatively solve problems pertaining to the function and quality of the interior environment.
• Prepare drawings and documents relative to the design of interior spaces based on information provided.

**Required Courses (31 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTD005</td>
<td>Introduction to Interior Design</td>
<td>1</td>
</tr>
<tr>
<td>INTD010</td>
<td>Elements and Principles of Interior Design</td>
<td>3</td>
</tr>
<tr>
<td>INTD020</td>
<td>Color Theory and Application</td>
<td>3</td>
</tr>
</tbody>
</table>
# Degrees and Certificates

## Interior Design Professional Certificate of Achievement

The Interior Design Professional Certificate has a comprehensive, professional curriculum that provides courses focusing on the vital and basic aspects of interior design. With this certificate, emphasis is placed on the fundamental relationship of interior design and the visual and decorative arts. The Interior Design Professional Certificate offers specialty training that promotes professional development in terms of successful course completion, alternative basic skills, and enhanced workforce development. When available and appropriate, students may be required to participate in design-related competitions to reinforce the classroom learning experience. Students completing this certificate will be able to demonstrate skills and apply the knowledge necessary to achieve entry-level occupation in the professional interior design field. The Interior Design Professional Certificate provides career and technical education to prepare students for career opportunities in: 1. interior design firms 2. architectural firms 3. kitchen and bath design firms 4. retail finishes and furnishings stores 5. commercial furniture dealerships 6. furniture and finish manufacturers The Interior Design Professional Certificate is a professional 60 unit certificate that allows re-entry students with bachelor's and advanced degrees, and those students who do not intend to pursue bachelor's degree the opportunity to obtain professional training and enter the workforce.

### Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Prepare professional-level drawings and documents relative to the design of interior spaces based on information provided.
- Identify, research, and creatively solve problems pertaining to the function and quality of the interior environment at a professional level.
- Perform services relative to interior spaces and the built environment, including study in aesthetics, design process, design analysis, programming, schematics, design development, documentation, and project management at a professional level.
- Apply specialized knowledge of interior construction, building codes, equipment, materials and furnishings at a professional level.

### Required Courses (52 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTD005</td>
<td>Introduction to Interior Design</td>
<td>1 unit</td>
</tr>
<tr>
<td>INTD010</td>
<td>Elements and Principles of Interior Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD020</td>
<td>Color Theory and Application</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD022</td>
<td>Finish Materials, Estimating and Costing</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD028</td>
<td>Interior Construction and Building Systems</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD029</td>
<td>Green and Sustainable Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD032</td>
<td>Graphics Techniques for Interior Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD035C</td>
<td>Design of Historic Interiors</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 35 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

## Required Courses (52 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTD022</td>
<td>Finish Materials, Estimating and Costing</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD028</td>
<td>Interior Construction and Building Systems</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD029</td>
<td>Green and Sustainable Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD032</td>
<td>Graphics Techniques for Interior Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD036</td>
<td>History of Interior Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD050</td>
<td>Kitchen &amp; Bath Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD065</td>
<td>Introduction to Computer-Aided Interior Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD075</td>
<td>Lighting Design</td>
<td>3 units</td>
</tr>
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</table>

Electives (4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH057</td>
<td>Architectural Model Making</td>
<td>1 unit</td>
</tr>
<tr>
<td>INTD066</td>
<td>Advanced Computer Aided Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD070</td>
<td>Advanced Graphic Techniques</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM025B</td>
<td>Social Media Marketing</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

Total Certificate Units: 35 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

## Required Courses (52 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTD005</td>
<td>Introduction to Interior Design</td>
<td>1 unit</td>
</tr>
<tr>
<td>INTD010</td>
<td>Elements and Principles of Interior Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD020</td>
<td>Color Theory and Application</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD022</td>
<td>Finish Materials, Estimating and Costing</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD028</td>
<td>Interior Construction and Building Systems</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD029</td>
<td>Green and Sustainable Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD032</td>
<td>Graphics Techniques for Interior Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD035C</td>
<td>Design of Historic Interiors</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 35 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTD036</td>
<td>History of Interior Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD040</td>
<td>Residential Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD045</td>
<td>Professional Practice</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD050</td>
<td>Kitchen &amp; Bath Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD060</td>
<td>Commercial Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD065</td>
<td>Introduction to Computer-Aided Interior Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD066</td>
<td>Advanced Computer Aided Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD070</td>
<td>Advanced Graphic Techniques</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD075</td>
<td>Lighting Design</td>
<td>3 units</td>
</tr>
<tr>
<td>INTD085</td>
<td>Design Detailing</td>
<td>3 units</td>
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</table>

**Electives (8 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>ACCT050</td>
<td>Accounting for Small Business</td>
<td>1 unit</td>
</tr>
<tr>
<td>ARCH049</td>
<td>Introduction to Rhino</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH057</td>
<td>Architectural Model Making</td>
<td>1 unit</td>
</tr>
<tr>
<td>DIGM014D</td>
<td>Photoshop for Designers</td>
<td>3 units</td>
</tr>
<tr>
<td>DIGM025</td>
<td>Introduction to Internet Marketing</td>
<td>1 unit</td>
</tr>
<tr>
<td>DIGM025B</td>
<td>Social Media Marketing</td>
<td>1 unit</td>
</tr>
<tr>
<td>INTD090A</td>
<td>Interior Design Internship</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 60 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

### Italian

#### ITALIAN

**Associate in Arts Degree**

The Associate of Arts in Italian (AA in Italian) requires 20 units of major core courses, which provide students with a solid foundation of the Italian language and culture. The Associate of Arts in Italian includes the necessary coursework to transfer to a four-year university where students will have the opportunity to complete a bachelor's or graduate degree in Italian. In order to obtain the degree, students have to complete the following core courses: ITAL001A, ITAL001B, ITAL002A, ITAL002B. Each course is 5 units.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
- Speak and convey information with accuracy and pronunciation acceptable to native-speakers of the Italian language.
- Communicate on common daily topics in Italian.
- Respond with written and spoken expressions of Italian.
- Customize the mode of communication appropriate to specific Italian speaking audiences.
- Explain aspects of diverse cultural and global awareness relevant to the Italian culture.

**Required Core (20 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITAL001A</td>
<td>Beginning Italian</td>
<td>5 units</td>
</tr>
<tr>
<td>ITAL001B</td>
<td>Beginning Italian</td>
<td>5 units</td>
</tr>
<tr>
<td>ITAL002A</td>
<td>Intermediate Italian</td>
<td>5 units</td>
</tr>
<tr>
<td>ITAL002B</td>
<td>Intermediate Italian</td>
<td>5 units</td>
</tr>
</tbody>
</table>

Total Major Units: 20 units
Degrees and Certificates

To be awarded an Associate Degree, a student must:

1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

Kinesiology

CERTIFIED PERSONAL TRAINER

Certificate of Achievement

The Certified Personal Trainer Certificate program is designed to provide students with the theoretical knowledge and practical skills necessary to be successful in the field of personal training. In addition, this certificate will prepare students to sit for the National Association of Sport's Medicine Personal Training examination. Sales and entrepreneurial opportunities are also available in the fitness, health and wellness industry. After completing this 12 unit certificate program, students will be prepared for employment in this growing field as a personal trainer. The Certified Personal Trainer Certificate of Achievement requires the successful completion of a total of 12 units. This program provides Career Technical Education (CTE) opportunities in Personal Training. Students are presented the essentials to personal fitness training. Students are introduced to the human movement system, the Optimum Performance Training (OPT) model and other domains of exercise science, assessment, exercise technique and training instruction, program design, considerations in nutrition, client relations and behavioral coaching, professional development, practice, and responsibility. Upon successful completion of this program, students are prepared to complete the National Academy of Sports Medicine Certified Personal Trainer Examination. Successful completion of the NASM CPT exam and the West Valley College Certificate of Achievement provides students the opportunity for employment in the fitness industry as a Certified Personal Trainer. Employment opportunities include working at commercial fitness clubs, personal training studios, and entrepreneurial business owner or manager.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Demonstrate knowledge of personal training as a profession and the skills, techniques, and industry standards required to become a personal trainer.

Required Core Courses (9 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS4.15</td>
<td>Practical Experience in Personal Training</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.16</td>
<td>Fitness Weight Training</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.19</td>
<td>Fitness Appraisal</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINT042</td>
<td>Principles of Strength Training and Conditioning</td>
<td>3 units</td>
</tr>
<tr>
<td>KINT070</td>
<td>Principles of Exercise Prescription and Program Design</td>
<td>3 units</td>
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</tbody>
</table>

Elective Courses (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI004</td>
<td>First Aid and CPR/AED</td>
<td>0.5 units</td>
</tr>
<tr>
<td>HSCI005</td>
<td>Responding to Emergencies: Comprehensive First Aid/CPR/AED</td>
<td>2 units</td>
</tr>
<tr>
<td>HTCH004</td>
<td>Structure and Function of the Human Body</td>
<td>3 units</td>
</tr>
<tr>
<td>KINS4.12</td>
<td>Fitness-Stretch and Flex</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.20</td>
<td>Fitness, Weight Training 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.21</td>
<td>Fitness Weight Training 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS11.06</td>
<td>Pilates Reformer and Mat Instructor Training</td>
<td>3 units</td>
</tr>
<tr>
<td>KINT030</td>
<td>Introduction to Kinesiology</td>
<td>3 units</td>
</tr>
<tr>
<td>KINT038A</td>
<td>Introduction to Sports Medicine</td>
<td>3 units</td>
</tr>
<tr>
<td>NUTR015</td>
<td>Human Nutrition</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 12 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.
KINESIOLOGY

Associate in Arts Degree

The Associate of Arts in Kinesiology is a 60 unit program serving students seeking a lower division education in Kinesiology. The program provides students the opportunity to demonstrate proficiency in human movement as it applies to physical education, health, and nutrition. The objective is to provide students the knowledge and skills needed for entry-level employment. Students must complete the following program requirements: 37 Units of major core courses and the General Education/Breadth Requirements for an A.A. Degree.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Apply dietary guidelines and current nutritional recommendations for various populations including athletes, older adults, and pre-natal women.
- Identify major muscle groups, their functions, and adaptations to exercise.
- Demonstrate proficiency in human movement as it applies to sports, dance, aquatics, marine diving, combatives, fitness, health, and nutrition.
- Analyze the basic principles of physical education and sport in our society and the role of these disciplines in the school, recreation, sport, and industrial settings.
- Critically analyze and evaluate the social and community factors that influence controllable and uncontrollable risk factors for developing chronic disease.
- Analyze the basic principles of physical education and sport in our society and the role of these disciplines in the school, recreation, sport, and industrial settings.
- Identify major muscle groups, their functions, and adaptations to exercise.

Required Core Courses (31 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL047</td>
<td>Human Anatomy</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL048</td>
<td>Human Physiology</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM030A</td>
<td>Fundamentals of Chemistry</td>
<td>4 units</td>
</tr>
<tr>
<td>HSCI005</td>
<td>Responding to Emergencies: Comprehensive First Aid/CPR/AED</td>
<td>2 units</td>
</tr>
<tr>
<td>KINT030</td>
<td>Introduction to Kinesiology</td>
<td>3 units</td>
</tr>
<tr>
<td>KINT031</td>
<td>Psychological Foundations of Sport</td>
<td>3 units</td>
</tr>
<tr>
<td>KINT032</td>
<td>Introduction to Coaching Sport</td>
<td>3 units</td>
</tr>
<tr>
<td>KINT033</td>
<td>Women in Sports</td>
<td>3 units</td>
</tr>
<tr>
<td>NUTR015</td>
<td>Human Nutrition</td>
<td>3 units</td>
</tr>
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</table>

Kinesiology Activity Courses (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>KINS2.02</td>
<td>Lifeguard Training</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS2.04</td>
<td>Swimming-Beginning</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS2.05</td>
<td>Swimming-Intermediate</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS2.06</td>
<td>Swimming-Advanced</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS2.07</td>
<td>Master’s Swimming</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.03</td>
<td>Fitness Aerobics</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.05</td>
<td>Fitness - Aqua Aerobics</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.07</td>
<td>Fitness Competitive Athlete</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.12</td>
<td>Fitness-Stretch and Flex</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.13</td>
<td>Fitness Walking</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.16</td>
<td>Fitness Weight Training</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.19</td>
<td>Fitness Appraisal</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.24</td>
<td>Total Fitness for Men</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.25</td>
<td>Total Fitness for Women</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.28</td>
<td>Fitness Jogging</td>
<td>1 unit</td>
</tr>
<tr>
<td>Course Number</td>
<td>Course Title</td>
<td>Units</td>
</tr>
<tr>
<td>---------------</td>
<td>------------------------------------------------------------------</td>
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</tr>
<tr>
<td>KINS4.29</td>
<td>Body Sculpting</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.30</td>
<td>Functional Fitness</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.31</td>
<td>Core Training</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.32</td>
<td>Boot Camp</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.33</td>
<td>Cardio Cross Training</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.35</td>
<td>Trail Running</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.36</td>
<td>Everyday Food and Fitness</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.37</td>
<td>Barre Fitness</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS4.41</td>
<td>Speed, Plyometrics, Agility and Quickness Level 1</td>
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<td>Self-Defense</td>
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<td>Kickboxing</td>
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<td>Golf-Intermediate</td>
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<td>Golf-Advanced</td>
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<td>Intermediate Tennis</td>
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<td>KINS7.21</td>
<td>Advanced Tennis</td>
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<td>Studio Cycling Advanced</td>
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<td>KINS7.24</td>
<td>Scuba Diving-Advanced</td>
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<td>Open Water Diver</td>
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<tr>
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<td>Baseball/Softball-Advanced</td>
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<td>Advanced Basketball</td>
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</tr>
<tr>
<td>KINS8.08</td>
<td>Soccer-Beginning</td>
<td>1 unit</td>
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<tr>
<td>KINS8.09</td>
<td>Soccer-Advanced</td>
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<td>Soccer-Intermediate</td>
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<td>Baseball/Softball-Intermediate</td>
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<td>Volleyball-Advanced Skills</td>
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<td>Fundamentals of Sport-Intermediate</td>
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<td>KINS8.23</td>
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<td>KINA9.01</td>
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<td>Intercollegiate Basketball-Post-Season Fundamentals</td>
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<td>Intercollegiate Tennis-Women</td>
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<td>KINA9.09</td>
<td>Intercollegiate Softball-Women</td>
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<td>Intercollegiate Swimming-Men</td>
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<td>Intercollegiate Volleyball-Women</td>
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<td>Intercollegiate Water Polo-Men</td>
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<td>Women's Intercollegiate Water Polo</td>
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<td>Intercollegiate Pre-Season Conditioning</td>
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<td>KINA9.31</td>
<td>Athletic Tennis-Skills and Techniques</td>
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<td>KINA9.42</td>
<td>Athletic Basketball - Skills and Techniques</td>
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<tr>
<td>KINA9.47</td>
<td>Athletic Men's Soccer - Skills and Techniques</td>
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<td>KINA9.48</td>
<td>Athletic Women's Soccer - Skills and Techniques</td>
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<tr>
<td>KINA9.49</td>
<td>Athletic Softball - Skills and Techniques</td>
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<td>KINA9.55</td>
<td>Athletic Men's Water Polo - Skills and Techniques</td>
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<td>KINA9.56</td>
<td>Athletic Women's Water Polo - Skills and Techniques</td>
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<td>KINA9.60</td>
<td>Post Season Conditioning</td>
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<tr>
<td>KINS11.01</td>
<td>Yoga for Health</td>
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</tr>
<tr>
<td>KINS11.02</td>
<td>Intermediate Yoga</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS11.03</td>
<td>Gentle Restorative Exercise</td>
<td>1 unit</td>
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<tr>
<td>KINS11.04</td>
<td>Advanced Yoga</td>
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</tr>
<tr>
<td>KINS11.05</td>
<td>Mindful Meditation</td>
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### Degrees and Certificates

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<th>Course Title</th>
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<tr>
<td>KINS11.08</td>
<td>Pilates Mat Workout</td>
<td>1 unit</td>
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<tr>
<td>KINS11.09</td>
<td>Intermediate Pilates Mat Workout</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS11.10</td>
<td>Advanced Pilates</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANCO41</td>
<td>Ballroom and Latin Dance: Beginning</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANCO42</td>
<td>Ballroom and Latin Dance: Intermediate</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANCO43</td>
<td>Ballroom and Latin Dance: Advanced</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANCO44</td>
<td>Lindy Hop &amp; Swing</td>
<td>1 unit</td>
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<tr>
<td>DANCO51A</td>
<td>World Dance: Flamenco of Spain, Beginning</td>
<td>1 unit</td>
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#### Recommended Electives (0 units)

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<th>Units</th>
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<tbody>
<tr>
<td>HSCI012</td>
<td>Understanding Stress - A Multidisciplinary Perspective</td>
<td>3 units</td>
</tr>
<tr>
<td>HSCI008</td>
<td>Contemporary Health</td>
<td>3 units</td>
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</table>

Total Major Units: 37 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

### KINESIOLOGY

#### Associate in Arts Degree for Transfer

The Associate in Arts in Kinesiology for Transfer degree (AA-T in Kinesiology) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Kinesiology or Exercise Science. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units. 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtaining of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C (or P) or better in all courses required for the major or area of emphasis.

#### Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Analyze the meaning of optimal health as it applies to our nation's population.
- Demonstrate proficiency in human movement as it applies to sports, dance and aquatics, combatives, fitness, health and nutrition.

#### Required Core Courses (13 units)

<table>
<thead>
<tr>
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<th>Units</th>
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<tbody>
<tr>
<td>KINT030</td>
<td>Introduction to Kinesiology</td>
<td>3 units</td>
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<tr>
<td>BIOL047</td>
<td>Human Anatomy</td>
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<tr>
<td>BIOL048</td>
<td>Human Physiology</td>
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#### Movement Based Courses: Select a maximum of one (1) course from any three (3) of the following areas for a minimum of three units. (3-4 units)

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<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>Area 1: Aquatics</td>
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<tr>
<td>KINS2.02</td>
<td>Lifeguard Training</td>
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<tr>
<td>KINS2.04</td>
<td>Swimming - Beginning</td>
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</tr>
<tr>
<td>KINS2.05</td>
<td>Swimming - Intermediate</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS2.06</td>
<td>Swimming - Advanced</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS2.07</td>
<td>Master's Swimming</td>
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<tr>
<td>Area 2: Combatives</td>
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<td>MMA - Mixed Martial Arts</td>
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</tr>
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<td>KINS6.02</td>
<td>Karate - Beginning</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS6.03</td>
<td>Self-Defense</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS6.06</td>
<td>Karate - Intermediate</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS6.07</td>
<td>Kickboxing</td>
<td>1 unit</td>
</tr>
<tr>
<td></td>
<td>Boxing</td>
<td>1 unit</td>
</tr>
<tr>
<td>Course Number</td>
<td>Course Title</td>
<td>Units</td>
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<tr>
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<td>--------------------------------------------------</td>
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<tr>
<td><strong>Area 3: Dance</strong></td>
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<td>DANC002</td>
<td>Ballet: Beginning Level 2</td>
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<tr>
<td>DANC003</td>
<td>Ballet: Intermediate Level 3</td>
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</tr>
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<td>DANC011</td>
<td>Jazz Dance: Beginning Level 1</td>
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<td>DANC012</td>
<td>Jazz Dance: Beginning Level 2</td>
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<td>DANC013</td>
<td>Jazz Dance: Intermediate Level 3</td>
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<tr>
<td>DANC021</td>
<td>Modern Dance: Beginning Level 1</td>
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<td>DANC022</td>
<td>Modern Dance: Beginning Level 2</td>
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<td>DANC042</td>
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<td>World Dance: Flamenco of Spain, Beginning</td>
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<td>DANC051B</td>
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<td>Fitness Aerobics</td>
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<td>Fitness - Stretch and Flex</td>
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<td>Fitness, Water Exercise</td>
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<td>Cardio Cross Training</td>
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<td>KINS11.04</td>
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<td><strong>Area 5: Individual Sports</strong></td>
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<td>KINS7.02</td>
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<td>KINS7.26</td>
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<td><strong>Area 6: Team Sports</strong></td>
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<td>KINS8.12</td>
<td>Baseball/Softball - Beginning</td>
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<tr>
<td>KINS8.13</td>
<td>Baseball/Softball - Intermediate</td>
<td>1 unit</td>
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<tr>
<td>KINS8.15</td>
<td>Volleyball - Beginning Skills</td>
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<td>KINS8.16</td>
<td>Volleyball - Intermediate Skills</td>
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<td>KINS8.17</td>
<td>Volleyball - Advanced Skills</td>
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<tr>
<td>KINS8.18</td>
<td>Beach Volleyball</td>
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</table>
Degrees and Certificates

List A: Select two (8-10 units)

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<thead>
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<th>Course Number</th>
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<th>Units</th>
</tr>
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<tbody>
<tr>
<td>BIOL011</td>
<td>Human Biology</td>
<td>4 units</td>
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<tr>
<td>CHEM001A</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM030A</td>
<td>Fundamentals of Chemistry</td>
<td>4 units</td>
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<tr>
<td>Only one:</td>
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<tr>
<td>MATH010</td>
<td>Elementary Statistics</td>
<td>4 units</td>
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<td>MATH010H</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>PHYS002A</td>
<td>General Physics - Mechanics</td>
<td>5 units</td>
</tr>
<tr>
<td>PHYS004A</td>
<td>Engineering Physics - Mechanics</td>
<td>5 units</td>
</tr>
</tbody>
</table>

Total Major Units: 24-27 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

**PILATES INSTRUCTOR**

Certificate of Achievement

The Pilates Instructor Certificate of Achievement requires the successful completion of course work, which includes 450 hours of hands on instruction. This career technical education program focuses on teaching the Pilates method of exercise. Students are presented the skills for training clients in a group setting or one-on-one. Students are introduced to the historical origins of Pilates, contemporary styles of Pilates, and Pilates for special populations. The comprehensive program includes instruction in the mat exercise series along with training on the reformer, cadillac, stability chair, and arc barrels. Additional topics include fitness assessment, postural analysis, exercise technique, program design, behavioral coaching, and client relations.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Work in the fitness industry as a Pilates instructor.
- Instruct Pilates exercise routines on the mat, reformer, Cadillac, chair, and barrels.
- Design and instruct a Pilates exercise routine for healthy, aging, and special populations.

Required Core Courses (12 units)

<table>
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<tr>
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</tr>
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<tbody>
<tr>
<td>KINS11.06</td>
<td>Pilates Reformer and Mat Instructor Training</td>
<td>3 units</td>
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<tr>
<td>KINS11.07</td>
<td>Pilates Cadillac, Chair and Barrels Instructor Training</td>
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</tr>
<tr>
<td>KINS11.08</td>
<td>Pilates Mat Workout</td>
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<td>KINS11.09</td>
<td>Intermediate Pilates Mat Workout</td>
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<tr>
<td>KINS11.10</td>
<td>Advanced Pilates</td>
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<tr>
<td>KINS4.36</td>
<td>Everyday Food and Fitness</td>
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<tr>
<td>Select one:</td>
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<tr>
<td>KINT036</td>
<td>Anatomy for Physical Fitness</td>
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<tr>
<td>HTCH004</td>
<td>Structure and Function of the Human Body</td>
<td>3 units</td>
</tr>
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</table>

Total Certificate Units: 12 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

**Liberal Arts**

**LIBERAL ARTS**

**Associate in Arts Degree**

The Associate in Arts in Liberal Arts degree is designed for students who wish for a broad knowledge of liberal arts and science plus additional coursework in a chosen Area of Emphasis. The Area of Emphasis is designed to prepare students for life in a global community with core knowledge, skills, and attitudes essential for personal and professional success. To earn this degree, students must meet the following requirements: 1. Choose option A or B or C for the General Education pattern related to your educational goal: A. Associate in Arts/Associate in Science General Education; or B. California State University General Education Breadth (CSU GE-B); or C. Intersegmental General Education Transfer Curriculum (IGETC) 2. Completion of a minimum of 18 units in one of the five Areas of Emphasis with a grade of C (or P) or higher: A. ARTS & HUMANITIES B. COMMUNICATIONS AND MEDIA C. SOCIAL AND BEHAVIORAL SCIENCES D. SCIENCE AND MATH E. CULTURAL AND GLOBAL STUDIES 3. For all options, completion of the necessary West Valley College Graduation and Proficiency requirements. 4. Completion of 60 degree-applicable units with an overall 2.0 GPA. 5. Courses can be counted toward completion of General Education requirements. Areas of Emphasis I. ARTS & HUMANITIES: The Associate in Arts in Liberal Arts with an emphasis in Arts and Humanities provides students...
the opportunity to study the cultural, literary, humanistic activities and artistic expression of human beings. Students evaluate and interpret the ways that people through the ages in different cultures have responded to themselves and the world around them through artistic and cultural creations. Students also learn to value aesthetic understandings and incorporate critical concepts when constructing value judgments. II. COMMUNICATIONS AND MEDIA: The Associate in Arts in Liberal Arts with an emphasis in Communications and Media provides students the opportunity to learn the myriad of ways that we deliver information (verbally and visually), and to provide an understanding of the psychological basis, social significance and impact of communication and media in our society. III. SOCIAL AND BEHAVIORAL SCIENCES: The Associate in Arts in Liberal Arts with an emphasis in Social and Behavioral Sciences provides students an opportunity to develop a broad perspective on concepts, theories, and methodologies typically found in the variety of disciplines that comprise the study of the social and behavioral sciences. Students study about themselves and others as members of a larger society in order to gain a basic knowledge of the cultural and social organizations in which they exist as well as the behavioral and social organizations of other human societies. IV. SCIENCE AND MATH: The Associate in Arts in Liberal Arts with an emphasis in Science and Math provides students an opportunity to develop knowledge of scientific theories, concepts and data about both living and non-living systems. The courses in this area also emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. In addition, these courses emphasize experimental methodology, testing hypotheses, and the power of systematic questioning. Courses in math emphasize the development of mathematical and quantitative reasoning skills beyond the level of elementary algebra. V. CULTURAL AND GLOBAL STUDIES: The Associate in Arts in Liberal Arts with an emphasis in Cultural and Global Studies provides students an opportunity to learn how we function effectively and live harmoniously as a pluralistic society in an increasingly global environment. The focus of this area is to foster a sense of inquiry about cultural differences and similarities. With inquiry as a focus, the courses endeavor to acknowledge the experience, scholarship, and accomplishments of the many cultures in our society and in the world.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

• Analyze and demonstrate the psychological basis, social significance, and impact of communication and media in our society.
• Demonstrate an ability to think logically and critically in solving problems.
• Demonstrate an understanding of human behavior in relation to human, social, political, and economic institutions.
• Develop an ability to identify art work from various periods and styles, and recognize the way art can affect or reflect cultural, political and humanistic issues.
• Evaluate and critique past, present, and future issues from a historical, cultural, psychological, and social perspective.
• Analyze diverse and conflicting points of view and understand the interconnectedness of individuals in society.
• Demonstrate an understanding of western and non-western works of philosophical, historical, literary, aesthetic and cultural importance.
• Explain and demonstrate ideas and concepts through verbal and nonverbal expression through written and oral communication.
• Analyze the experience, scholarship, and accomplishments of the many cultures in our society and in the world.
• Analyze how we function effectively and live harmoniously in a pluralistic society.
• Demonstrate an understanding of experimental methodology, testing of hypothesis, the power of systematic questioning, and influence of the scientific method in society.

I. Arts and Humanities (18 units)

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<th>Course Number</th>
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<tr>
<td>ARCH043</td>
<td>Styles in Architecture</td>
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<tr>
<td>ARCH046</td>
<td>History of Architecture</td>
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<tr>
<td>ARCH047</td>
<td>History of Modern Architecture</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH051</td>
<td>Architectural Graphics: Drawing &amp; Sketching</td>
<td>3 units</td>
</tr>
<tr>
<td>ARCH052</td>
<td>Architectural Graphics: Color Rendering</td>
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<tr>
<td>ARCH053</td>
<td>Introduction to Architectural and Environmental Design</td>
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<tr>
<td>ARCH056</td>
<td>Basic Architectural Design</td>
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<td>ARCH057</td>
<td>Architectural Model Making</td>
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<td>ARCH061</td>
<td>Architectural Design I</td>
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<td>ARCH062</td>
<td>Architectural Design II</td>
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<td>ARCH063</td>
<td>Architectural Design III</td>
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<td>ARCH072</td>
<td>History of Landscape Architecture</td>
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<td>Survey of Western Art I</td>
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<td>ARTS001AH</td>
<td>Honors Survey of Western Art I</td>
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<td>Survey of Western Art II</td>
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<td>ARTS001BH</td>
<td>Honors Survey of Western Art II</td>
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<td>ARTS001D</td>
<td>Survey of Modern Art</td>
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<td>ARTS001DH</td>
<td>Honors Art of the 20th Century</td>
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<td>ARTS001E</td>
<td>Design in Society</td>
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<td>History of Photography</td>
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<td>ARTS001J</td>
<td>Survey of Non-Western Art: Africa, Oceania, and Indigenous North America</td>
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<td>ARTS004</td>
<td>Art Appreciation</td>
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<td>ARTS007</td>
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<td>ARTS010</td>
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<td>African-American Art History</td>
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<td>Basic Photography</td>
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<td>ARTS062B</td>
<td>Black and White Photography</td>
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<td>ARTS062C</td>
<td>Color Photography</td>
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<td>ARTS062D</td>
<td>Studio Photography</td>
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<td>Ceramics-Potter’s Wheel</td>
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<td>DANC061</td>
<td>Dance in America: A Cultural Perspective</td>
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<td>ENGL007B</td>
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<td>The Bible As Literature</td>
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<td>Introduction to Poetry</td>
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<td>Introduction to Shakespeare</td>
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<td>ENGL049</td>
<td>Modern Fiction</td>
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<td>Writing Poetry</td>
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<td>ENGL080</td>
<td>Voices: The Literary Arts Magazine</td>
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<td>Voices: Intermediate Literary Arts Magazine</td>
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<tr>
<td>FDAT027</td>
<td>Professional Image</td>
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<tr>
<td>FDAT030</td>
<td>Introduction to Fashion Design</td>
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<tr>
<td>FDAT032</td>
<td>History of Fashion</td>
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<td>FDAT088</td>
<td>Fashion and Race in America</td>
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<td>FRNC062</td>
<td>An Introduction to the Culture of France</td>
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<td>Beginning German</td>
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<td>GERM002A</td>
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<td>GERM002B</td>
<td>Intermediate German</td>
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<td>HIST004A</td>
<td>Western Civilization I: Prehistory to 1500 CE</td>
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<td>HIST004B</td>
<td>Western Civilization II: 1500 CE to Present</td>
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<tr>
<td>HIST012</td>
<td>African American History</td>
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<td>HIST014</td>
<td>History of the Native North Americans</td>
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<tr>
<td>HIST016</td>
<td>Mexican-American History</td>
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<td>United States History</td>
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<td>HIST017B</td>
<td>United States History</td>
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<tr>
<td>HIST020</td>
<td>History and Geography of California</td>
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<td>HUMN001A</td>
<td>Human Values in and from the Arts - the Ancient World to the Early Renaissance</td>
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<td>Human Values in and from the Arts - the Renaissance to the Modern Age</td>
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<td>INTD010</td>
<td>Elements and Principles of Interior Design</td>
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<td>INTD020</td>
<td>Color Theory and Application</td>
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<td>ITAL002A</td>
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<td>5 units</td>
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<tr>
<td>ITAL002B</td>
<td>Intermediate Italian</td>
<td>5 units</td>
</tr>
<tr>
<td>ITAL050A</td>
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**II. Communications and Media (18 units)**

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**V. Cultural and Global Studies (18 units)**

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<td>African-American Art History</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS014</td>
<td>Women in Art History</td>
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</tr>
<tr>
<td>ARTS095</td>
<td>New Media and Social Change</td>
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<tr>
<td>ASLA060A</td>
<td>American Sign Language I</td>
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</tr>
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<td>ASLA060B</td>
<td>American Sign Language II</td>
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</tr>
<tr>
<td>CHST005</td>
<td>Diversity - Childhood and Culture</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST053</td>
<td>Contemporary Education in a Changing Society</td>
<td>3 units</td>
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# Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>COMM012</td>
<td>Intercultural Communication</td>
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</tr>
<tr>
<td>COUN050</td>
<td>Cross-Cultural Perspectives</td>
<td>3 units</td>
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<tr>
<td>DANCO61</td>
<td>Dance in America: A Cultural Perspective</td>
<td>3 units</td>
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<td>DANCO61H</td>
<td>Honors Dance in America: A Cultural Perspective</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL012</td>
<td>African American Literature</td>
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<td>ENGL013</td>
<td>U.S. Latino Literature</td>
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<tr>
<td>ENGL018</td>
<td>Asian American Literature</td>
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<td>ENGL046</td>
<td>Contemporary American Multi-Cultural Literature</td>
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<td>Honors Contemporary American Multi-Cultural Literature</td>
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<td>FRNC001A</td>
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<td>FRNC001B</td>
<td>Beginning French</td>
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</tr>
<tr>
<td>FRNC002A</td>
<td>Intermediate French</td>
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</tr>
<tr>
<td>FRNC002B</td>
<td>Intermediate French</td>
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<tr>
<td>FRNC003A</td>
<td>Advanced French Oral and Written Composition</td>
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<td>FRNC003B</td>
<td>Advanced French Oral and Written Composition</td>
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<tr>
<td>FRNC050A</td>
<td>Basic French Conversation and Culture</td>
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<tr>
<td>FRNC050B</td>
<td>Basic French Conversation and Culture</td>
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<td>FRNC051A</td>
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<td>FRNC051B</td>
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<tr>
<td>FRNC062</td>
<td>An Introduction to the Culture of France</td>
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<td>GEOG002</td>
<td>Introduction to Cultural Geography</td>
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<tr>
<td>GEOG006</td>
<td>World Regional Geography</td>
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<tr>
<td>GERM001A</td>
<td>Beginning German</td>
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</tr>
<tr>
<td>GERM001B</td>
<td>Beginning German</td>
<td>5 units</td>
</tr>
<tr>
<td>GERM002A</td>
<td>Intermediate German</td>
<td>5 units</td>
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<tr>
<td>GERM002B</td>
<td>Intermediate German</td>
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<td>HIST005A</td>
<td>World History: Prehistory to 1500</td>
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<td>HIST005B</td>
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<td>HIST012</td>
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<td>HIST014</td>
<td>History of the Native North Americans</td>
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<td>HIST016</td>
<td>Mexican-American History</td>
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<td>Intermediate Italian</td>
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<tr>
<td>ITAL002B</td>
<td>Intermediate Italian</td>
<td>5 units</td>
</tr>
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<td>ITAL050A</td>
<td>Basic Italian Conversation and Culture</td>
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</tr>
<tr>
<td>ITAL050B</td>
<td>Basic Italian Conversation and Culture</td>
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<td>ITAL051A</td>
<td>Intermediate Italian Conversation and Culture</td>
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<tr>
<td>Course Number</td>
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<td>JPNS001A</td>
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<td>JPNS001B</td>
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<td>Basic Japanese Conversation and Culture</td>
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<td>JPNS050B</td>
<td>Basic Japanese Conversation and Culture</td>
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<tr>
<td>KINT033</td>
<td>Women in Sports</td>
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<tr>
<td>KINT034</td>
<td>Sport in Society</td>
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<tr>
<td>MUSC055</td>
<td>World Music</td>
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<tr>
<td>NUTR020</td>
<td>World Food Customs and Nutrition</td>
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<tr>
<td>PHIL004</td>
<td>Comparative Religions</td>
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<tr>
<td>PHIL021</td>
<td>World Philosophers on Death and the Good Life</td>
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<tr>
<td>PMGT010</td>
<td>Introduction to Park Management</td>
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<tr>
<td>POLI004</td>
<td>International Relations</td>
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<td>PSYC009</td>
<td>Psychology of Women: A Multicultural Perspective</td>
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<td>SOCI001</td>
<td>Introduction to Sociology</td>
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<tr>
<td>SOCI002</td>
<td>Social Problems</td>
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<td>SOCI003</td>
<td>Social Psychology: A Sociological Perspective</td>
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<tr>
<td>SOCI020</td>
<td>Sociology of Race and Ethnicity</td>
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<tr>
<td>SOCI028</td>
<td>Sociology of Gender</td>
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<tr>
<td>SOCI040</td>
<td>Marriage and Family Sociology</td>
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<tr>
<td>SOCI045</td>
<td>Sociology of Human Sexuality</td>
<td>3</td>
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<td>SPAN001A</td>
<td>Beginning Spanish</td>
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<td>SPAN001B</td>
<td>Beginning Spanish</td>
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<td>SPAN002B</td>
<td>Intermediate Spanish</td>
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<td>Advanced Spanish Oral and Written Composition</td>
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<td>Advanced Spanish Oral and Written Composition</td>
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<td>SPAN050B</td>
<td>Basic Spanish Conversation and Culture II</td>
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<td>SPAN051A</td>
<td>Intermediate Spanish Conversation and Culture I</td>
<td>3</td>
</tr>
<tr>
<td>SPAN051B</td>
<td>Intermediate Spanish Conversation and Culture II</td>
<td>3</td>
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<td>WGQS001</td>
<td>Introduction to Women's Studies</td>
<td>4</td>
</tr>
<tr>
<td>WGQS001H</td>
<td>Honors Introduction to Women's Studies</td>
<td>4</td>
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<tr>
<td>WGQS002</td>
<td>Women in the Arts: Multicultural Perspectives</td>
<td>3</td>
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<tr>
<td>WGQS003</td>
<td>Introduction to Gender and Queer Studies</td>
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<tr>
<td>WGQS004A</td>
<td>Women in World Cultures</td>
<td>3</td>
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</table>

Total Major Units: 18 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.

3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

Mathematics

MATHEMATICS

Associate in Science Degree

Mathematics is a multifaceted subject of great beauty and application. The study of math explores some of the deepest questions and puzzles that have ever been encountered and equips the student with a universal language used to study quantities and relationships in all fields. Through the study of mathematics, the student develops both the ability to think logically and abstractly as well as the problem-solving and computational skills necessary for success in any field of study. A major in mathematics transfers to a four-year university where students have the opportunity to complete a Bachelor’s Degree in Biology, Chemistry, Computer Science, Economics, Engineering Mathematics, Physics, disciplines in Physical Sciences, and Statistics. Career Options A. Actuary B. Appraiser C. Assessor D. Auditor E. Biometrician F. Budget Analyst G. Casualty Rater H. Computer Programmer I. Controller J. Demographer K. Doctor L. Econometrician M. Engineering Analyst N. Epidemiologist O. Financial Analyst P. Investment Analyst Q. Lawyer R. Management Scientist S. Mathematician T. Operations Researcher U. Public Opinion Analyst V. Statistician W. Surveyor X. Systems Analyst Y. Teacher Z. Urban Planner

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Adapt general mathematical techniques to course-specific problems.
- Solve problems using mathematical symbols, operations, and techniques appropriate to the course content and level of study.
- Apply appropriate technology including calculators and computers to the solution of mathematical problems.
- Demonstrate computational, estimation, and problem-solving skills.
- Construct mathematical models of physical problems, draw conclusions from these models, and communicate their conclusions.
- Formulate and test mathematical conjectures.

Required Core Courses (23 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH003A</td>
<td>Calculus and Analytic Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003AH</td>
<td>Honors Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
<tr>
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<td>Calculus and Analytic Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003B</td>
<td>Honors Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003BH</td>
<td>Calculus and Analytic Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH004A</td>
<td>Intermediate Calculus</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH004B</td>
<td>Differential Equations</td>
<td>4 units</td>
</tr>
<tr>
<td>Select one:</td>
<td>Linear Algebra</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH004C</td>
<td>Discrete Mathematics</td>
<td>4 units</td>
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</table>

Required Electives: Select two courses from the list below (6-10 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>BIOL040</td>
<td>Organismal Biology</td>
<td>4 units</td>
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<tr>
<td>BIOL041</td>
<td>Principles of Animal Biology</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL042</td>
<td>Principles of Plant Biology</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL043</td>
<td>Principles of Cell Biology</td>
<td>5 units</td>
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<tr>
<td>CHEM001A</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM001B</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM012A</td>
<td>Organic Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM012B</td>
<td>Organic Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>CIST004A</td>
<td>Computer Programming I (C++ Programming)</td>
<td>4 units</td>
</tr>
<tr>
<td>CIST004A1</td>
<td>Computer Programming I (Java)</td>
<td>4 units</td>
</tr>
<tr>
<td>CIST004B</td>
<td>Data Structures using Advanced C++</td>
<td>4 units</td>
</tr>
<tr>
<td>CIST004B1</td>
<td>Data Structures using Advanced Java</td>
<td>4 units</td>
</tr>
<tr>
<td>CIST005A</td>
<td>Introduction to Python</td>
<td>4 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

Course Number | Course Title | Units
--- | --- | ---
CIST005B | Advanced Python | 4 units
CIST037 | C Programming | 4 units
Only one:
ECON001A | Principles of Macroeconomics | 4 units
ECON001AH | Honors Principles of Macroeconomics | 4 units
Only one:
ECON001B | Principles of Microeconomics | 4 units
ECON001BH | Honors Principles of Microeconomics | 4 units
ENGR021 | Intro Computing for Scientists and Engineers | 3 units
GEOL001A | Physical Geology | 4 units
GEOL001B | Historical Geology | 4 units
MATH004C | Linear Algebra | 4 units
Only one:
MATH010 | Elementary Statistics | 4 units
MATH010H | Honors Elementary Statistics | 4 units
MATH019 | Discrete Mathematics | 4 units
PHYS002A | General Physics - Mechanics | 5 units
PHYS002B | General Physics - Electricity and Magnetism | 5 units
PHYS004A | Engineering Physics - Mechanics | 5 units
PHYS004B | Engineering Physics - Electricity and Magnetism | 5 units
PHYS004C | Engineering Physics - Light, Heat and Waves | 5 units
PHYS004D | Advanced Topics in Modern Physics | 3 units

Total Major Units: 29-33 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

MATHEMATICS

Associate in Science Degree for Transfer

The Associate in Science in Mathematics for Transfer degree (AS-T in Mathematics) is a 60 unit program designed to provide lower division education to students planning to transfer to a CSU institution in pursuit of a baccalaureate degree in Mathematics. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Solve problems using mathematical symbols, operations, and techniques appropriate to the course content and level of study.
- Construct mathematical models of physical problems, draw conclusions from these models, and communicate their conclusions.
- Adapt general mathematical techniques to course-specific problems.
- Formulate and test mathematical conjectures.
- Apply appropriate technology including calculators and computers to the solution of mathematical problems.
- Demonstrate computational, estimation, and problem-solving skills.

Required Core Courses (15 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH003A</td>
<td>Calculus and Analytic Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003B</td>
<td>Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH004A</td>
<td>Intermediate Calculus</td>
<td>5 units</td>
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</table>
Degrees and Certificates

**List A: Select one (4-8 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH004B</td>
<td>Differential Equations</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH004C</td>
<td>Linear Algebra</td>
<td>4 units</td>
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**List B: Select one course different from List A. (0-5 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>MATH004B</td>
<td>Differential Equations</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH004C</td>
<td>Linear Algebra</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH019</td>
<td>Discrete Mathematics</td>
<td>4 units</td>
</tr>
<tr>
<td>PHYS004A</td>
<td>Engineering Physics-Mechanics</td>
<td>5 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH010H</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
</tbody>
</table>

Total Major Units: 23-24 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

**Music**

**COMMERCIAL MUSIC PRODUCTION**

**Certificate of Achievement**

The West Valley College Commercial Music Production Certificate of Achievement requires the successful completion of eight 3-unit courses for a total of 24 units and focuses on the recording arts, music technology, and commercial music production. This is a comprehensive curriculum covering electronic music/sound design, recording arts, commercial music theory, songwriting, MIDI/Digital audio, and audio for visual media. Featuring state-of-art facilities and ‘cutting-edge’ hardware and software, the courses are designed for students of all levels, providing hands-on experience and thorough training in the creative and technical challenges specific to commercial music production. Potential careers specific to these skills include but are not limited to: Recording Engineer, Assistant Engineer, Pro-Tools Certified Programmer/Technician, Logic PRO Certified Programmer/Technician, Composer, Performer, Producer, Game Audio Designer/Composer, Film and TV Sound Designer, Sound Editor, Session Musician, Audio Technician, Songwriter, Music Supervisor, Backup Musician, Arranger, Live Sound/ FOH/Monitors Music Technician, Designer, or Repair person, DJ, Music Director.

**Recording Arts Component (9 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MUSC065A</td>
<td>Recording Arts I</td>
<td>3 units</td>
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<tr>
<td>MUSC065B</td>
<td>Recording Arts II</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC065C</td>
<td>Audio Mixing &amp; Production</td>
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</table>

**Music Production Component (12 units)**

<table>
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<tbody>
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<td>MUSC063A</td>
<td>Introduction To Music Production</td>
<td>3 units</td>
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<tr>
<td>MUSC063B</td>
<td>Commercial Music Production</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC069A</td>
<td>Songwriting, Level 1</td>
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<tr>
<td>MUSC069B</td>
<td>Songwriting, Level 2</td>
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**Music Business Component (3 units)**

<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>MUSC070</td>
<td>Music Business</td>
<td>3 units</td>
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</table>

Total Certificate Units: 24 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.
**CREATING MUSIC FOR FILM, TV AND GAMING**

**Certificate of Achievement**

The Creating Music for Film, TV and Gaming Certificate of Achievement requires the successful completion of 2 semesters, 18 units. This program provides Career Technical Education (CTE) opportunities in creating music for film, TV and gaming. This curriculum covers areas in, but not limited to, electronic and acoustic music production, songwriting and arranging, cinematic orchestration, music theory, software music notation, MIDI sequencing, and digital audio sequencing and editing. Featuring state of the art facilities, industry-standard hardware and software, the courses are designed for students of all levels, providing hands-on experience and thorough training in the creative and technical challenges specific to music for film, TV and gaming. Students will have acquired skills in media music production, media songwriting, cinematic orchestration, digital audio sequencing and editing, MIDI programming, and digital music notation. These skills are specific to careers in, but not limited to media songwriter, TV composer, commercial composer, film composer, video game composer, app composer, web composer, music editor, music supervisor, digital audio workstation operator, copyist, and music licensor.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
- Students will be able to compose a music cue for film, TV or gaming in a selected genre.

**Required Core Courses (18 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC005</td>
<td>Fundamentals of Music</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC007</td>
<td>Film Music Appreciation</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC030A</td>
<td>Beginning Piano, Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039H</td>
<td>Applied Music: Composition</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC063A</td>
<td>Introduction To Music Production</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC066</td>
<td>Digital Audio and Notation</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC067A</td>
<td>Creating Music for Film, TV, and Gaming: Foundations</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC067B</td>
<td>Creating Music for Film, TV and Gaming: Techniques</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 18 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

**MUSIC**

**Associate in Arts Degree for Transfer**

The Associate in Arts in Music for Transfer degree (AA-T in Music) is a 60-unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Music. MUSC 042 or 048 or 049 are 1-unit courses that must be repeated 4 times to meet the CSU transfer requirement as appropriate to the student's course of study. MUSC 039ABCDEFG is a genre-specific 1-unit course that must be repeated 4 times to meet the requirement as appropriate to the student's course of study. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. attainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C or better in all courses required for the major or area of emphasis. NOTE: Though the AA-T provides seamless transfer to a CSU institution, students must still audition for acceptance and placement within the corresponding Music program, per NASM accreditation standards. In accordance with the TMC in Music, Music majors will be required to pass a Piano Proficiency Examination prior to graduation from the transfer institution which may include: sight reading a two-part grade 1 selection; playing two stylistically contrasting pieces from Bartok's Mikrokosmos Book II or equivalent; transposing a simple chorale at sight; harmonizing a melody; improvising a melody from a given chord progression. Students who do not possess these proficiencies are encouraged to enroll in MUSC 031A/B Beginning Piano and/or MUSC 031A Intermediate Piano, using available elective units.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
- Demonstrate the ability to hear, identify and work conceptually with the elements of music, through sight-reading and musical analysis.
- Perform standard solo and ensemble repertoire appropriate to the student's performance area at a collegiate level.
- Create derivative or original music in extemporaneous and/or written form.
- Demonstrate a working knowledge of music history and performance practices within the student's area of specialization.
- Create derivative or original music in extemporaneous and/or written form.
- Demonstrate a working knowledge of music history and performance practices within the student's area of specialization.
- Demonstrate the ability to hear, identify and work conceptually with the elements of music, through sight-reading and musical analysis.
- Perform standard solo and ensemble repertoire appropriate to the student's performance area at a collegiate level.

**Required Core Courses (12 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC003A</td>
<td>Music Theory Level 1</td>
<td>3 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC003B</td>
<td>Music Theory Level 2</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC004A</td>
<td>Music Theory Level 3</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC020A</td>
<td>Musicianship Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC020B</td>
<td>Musicianship Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC020C</td>
<td>Musicianship Level 3</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

#### Large Ensemble Requirement: Complete a total of 4 units over a minimum of 4 semesters from the following list (4 semester, 1 unit each - Music 42, 48 and 49 are 1 unit courses that must be repeated (4 units))

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC042</td>
<td>Concert Choir</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC048</td>
<td>Symphony Orchestra</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC049</td>
<td>Symphonic Band</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

#### Applied Music Requirement: Complete a total of 4 units taken over a minimum of 4 semesters of one strand of MUSC 039ABCDEFG (MUSC 039ABCDEFG is a 1 unit course, specific to instrument types, that must be repeated) (4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC039A</td>
<td>Applied Music: Brass</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039B</td>
<td>Applied Music: Woodwind</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039C</td>
<td>Applied Music: Strings</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039D</td>
<td>Applied Music: Percussion</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039E</td>
<td>Applied Music: Piano</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039F</td>
<td>Applied Music: Guitar</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039G</td>
<td>Applied Music: Voice</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

#### List A (3-4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC001</td>
<td>Music History: Medieval, Renaissance and Baroque Periods</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC002</td>
<td>Music History: Classical, Romantic and Contemporary Periods</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC004B</td>
<td>Music Theory Level 4</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC010</td>
<td>Music Appreciation</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC020D</td>
<td>Musicianship Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC030A</td>
<td>Beginning Piano, Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC030B</td>
<td>Beginning Piano, Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC031A</td>
<td>Intermediate Piano Level 3</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

Total Major Units: 23-24 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

**MUSIC - PROFESSIONAL**

**Associate in Arts Degree**

The Department of Music and Dance offers a comprehensive professional program designed to provide a wide variety of musical experience for the student seeking to transfer to a baccalaureate program in performance or music education for a career as a musician or music educator. The goal of the Associate of Arts in Music - Professional is to prepare students to transfer to a School of Music or conservatory to pursue a Bachelor of Music, Bachelor of Music Education, or Bachelor of Arts in Music. Courses required in the Associate of Arts in Music - Professional program lay a foundation for success in upper-division music coursework. Careers in music include: A. Music Teacher (Vocal, Instrumental, General Music) a. Community School b. Parks & Rec Program c. Public/Private K-12 School d. College or University e. Private Music Teacher B. Band, Orchestral, Choral Music Director a. K-12 school ensemble director b. College, Conservatory & University ensemble director c. Community ensemble director C. Church or Synagogue Music Director a. Cantor (Church, Synagogue)

Music majors should meet with a full-time faculty member for advising and planning for timely completion of the AA degree in Music. NOTES: 1. Music majors with prior piano experience may meet the Piano Proficiency requirement (MUSC 031A/B) via credit by examination. Music majors with no prior piano experience should enroll in Beginning Piano (MUSC 030A/B) using elective units, to remediate prior to enrolling in Intermediate Piano (MUSC 031A/B). 2. Music majors deficient in knowledge of scales, key signatures, intervals and chords are advised to take Fundamentals of Music (MUSC 005) to remediate prior to enrolling in Theory Level 1 (MUSC 003A). 3. Audition is required for admission to large ensembles (MUSC 042, 048, 049), and the Applied Music program (MUSC 039A-G). Admission is based on the skill level and likelihood the student will be able to meet transfer audition requirements two years hence. 4. This is a high-unit program due to multiple, sequential subject matter courses beginning in the first semester in accordance with NASM standards. Students may need to take classes during Winter and/or Summer intersessions in order to complete the program, including all transfer GE requirements, in two years.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Perform standard solo and ensemble repertoire appropriate to the performance area
- Demonstrate proficiency on voice or instrument in final jury, incorporating accurate performance practice based on historical eras and diverse musical styles
- Read and write music notation with a proficiency level suitable for transfer entrance examination.
- Develop and demonstrate informed artistic choices in performance
- Critique musical performances with an awareness of vocabulary, musical style, performance practice, and interpretation suitable for transfer to a school of music
- Demonstrate the ability to hear, identify and work conceptually with the elements of music, through sight-reading and musical analysis in placement exams
- Create derivative or original music in extemporaneous and/or written form

Theory, Musicianship, History, Piano, Digital Notation. Credit by examination available for MUSC 031A and/or MUSC 031B to those students possessing prior piano experience. (25 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC001</td>
<td>Music History: Medieval, Renaissance and Baroque Periods</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC002</td>
<td>Music History: Classical, Romantic and Contemporary Periods</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC003A</td>
<td>Music Theory Level 1</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC003B</td>
<td>Music Theory Level 2</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC004A</td>
<td>Music Theory Level 3</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC004B</td>
<td>Music Theory Level 4</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC020A</td>
<td>Musicianship Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC020B</td>
<td>Musicianship Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC020C</td>
<td>Musicianship Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC020D</td>
<td>Musicianship Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC031A</td>
<td>Intermediate Piano Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC031B</td>
<td>Intermediate Piano Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC066</td>
<td>Digital Audio and Notation</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

Large Ensemble. Complete four semesters of the same course appropriate to major instrument of study, as determined by music faculty. (4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC042</td>
<td>Concert Choir</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC048</td>
<td>Symphony Orchestra</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC049</td>
<td>Symphonic Band</td>
<td>1 unit</td>
</tr>
</tbody>
</table>
Degrees and Certificates

Applied Music. Complete four semesters in the same course based on major instrument of study. Changing instrument and/or course will delay completion of this requirement. (4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC039A</td>
<td>Applied Music: Brass</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039B</td>
<td>Applied Music: Woodwind</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039C</td>
<td>Applied Music: Strings</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039D</td>
<td>Applied Music: Percussion</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039E</td>
<td>Applied Music: Piano</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039F</td>
<td>Applied Music: Guitar</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039G</td>
<td>Applied Music: Voice</td>
<td>1 unit</td>
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</tbody>
</table>

Music Electives (4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC005</td>
<td>Fundamentals of Music</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC006</td>
<td>Introduction to Music Education</td>
<td>2 units</td>
</tr>
<tr>
<td>MUSC007</td>
<td>Film Music Appreciation</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC009</td>
<td>Jazz Music History</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC010</td>
<td>Music Appreciation</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC026</td>
<td>Techniques of Jazz-Rock Guitar</td>
<td>2 units</td>
</tr>
<tr>
<td>MUSC027</td>
<td>Introduction to Jazz Piano</td>
<td>2 units</td>
</tr>
<tr>
<td>MUSC030A</td>
<td>Beginning Piano, Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC030B</td>
<td>Beginning Piano, Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC032A</td>
<td>Beginning Voice, Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC032B</td>
<td>Beginning Voice, Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC033A</td>
<td>Intermediate Voice, Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC033B</td>
<td>Intermediate Voice, Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC035A</td>
<td>Diction for Singers: Italian, English &amp; Latin</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC035B</td>
<td>Diction for Singers: German, French &amp; Spanish</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC036A</td>
<td>Beginning Guitar-Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC036B</td>
<td>Beginning/Intermediate Guitar - Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC036C</td>
<td>Intermediate Guitar - Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC036D</td>
<td>Intermediate/Advanced Guitar - Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039H</td>
<td>Applied Music: Commercial Music Production</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC040</td>
<td>Chamber Singers</td>
<td>2 units</td>
</tr>
<tr>
<td>MUSC042</td>
<td>Concert Choir</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC043A</td>
<td>Introduction to Jazz Improvisation</td>
<td>2 units</td>
</tr>
<tr>
<td>MUSC043B</td>
<td>Jazz Improvisation</td>
<td>2 units</td>
</tr>
<tr>
<td>MUSC044A</td>
<td>Musical Theater &amp; Opera Scenes: Comic Opera</td>
<td>2 units</td>
</tr>
<tr>
<td>MUSC044B</td>
<td>Musical Theater &amp; Opera Scenes: Verismo Opera</td>
<td>2 units</td>
</tr>
<tr>
<td>MUSC044C</td>
<td>Musical Theater &amp; Opera Scenes: Mid-20th Century Musicals</td>
<td>2 units</td>
</tr>
<tr>
<td>Course Number</td>
<td>Course Title</td>
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<tr>
<td>---------------</td>
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</tr>
<tr>
<td>MUSC044D</td>
<td>Musical Theater &amp; Opera Scenes: Modern Musicals</td>
<td>2 units</td>
</tr>
<tr>
<td>MUSC048</td>
<td>Symphony Orchestra</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC049</td>
<td>Symphonic Band</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC051</td>
<td>Jazz Band</td>
<td>2 units</td>
</tr>
<tr>
<td>MUSC052A</td>
<td>Jazz Combo: Early</td>
<td>2 units</td>
</tr>
<tr>
<td>MUSC052B</td>
<td>Jazz Combo: Swing</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC052C</td>
<td>Jazz Combo: Bebop</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC052D</td>
<td>Jazz Combo: Fusion</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC053A</td>
<td>Chamber Music: Early</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC053B</td>
<td>Chamber Music: Classical</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC053C</td>
<td>Chamber Music: Modern</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC053D</td>
<td>Chamber Music: World</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC054</td>
<td>History of Rock and Roll Music</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC055</td>
<td>World Music</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC056</td>
<td>Percussion Ensemble</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC057</td>
<td>History and Culture of Hip-Hop</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC061</td>
<td>Jazz Singers</td>
<td>2 units</td>
</tr>
<tr>
<td>MUSC062A</td>
<td>Solo Performance in Jazz and Popular Music</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC063A</td>
<td>Introduction To Music Production</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC063B</td>
<td>Commercial Music Production</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC064</td>
<td>Sound Design</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC065A</td>
<td>Recording Arts I</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC065B</td>
<td>Recording Arts II</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC065C</td>
<td>Audio Mixing &amp; Production</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC067A</td>
<td>Creating Music for Film, TV, and Gaming: Foundations</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC067B</td>
<td>Creating Music for Film, TV and Gaming: Techniques</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC069A</td>
<td>Songwriting, Level 1</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC069B</td>
<td>Songwriting, Level 2</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC070</td>
<td>Music Business</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 37 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the 68-70-unit Associate Degree requirements.

**MUSICAL THEATER: MUSIC FOCUS**

**Certificate of Achievement**

The Certificate of Achievement in Musical Theater with Music concentration is a 44-unit CTE program that will prepare students for careers in the musical theater industry. The purpose of the certificate is to prepare students to succeed in auditions for regional and national shows. Students must complete the program earning a grade of C or better in all required courses. Careers in musical theater include: A. Singer, Actor, Dancer, Choreographer in Musical Theater B. Floor Shows (Hotels, casinos, clubs) C. Band Member (Vocalist) D. Broadway, Off-Broadway, Touring Shows: National, Regional, Local E. Studio Musician
### Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Analyze musical theater literature
- Apply musical theater, music, dance and acting terminology and language to critiques of musical theater performances
- Develop and demonstrate informed artistic choices in performance
- Perform standard musical theater repertoire, solo and ensemble, at a collegiate level
- Creatively solve problems
- Demonstrate acting, singing, and dancing proficiency suitable for a musical theater audition
- Read music notation with a proficiency level suitable to learn new music quickly
- Demonstrate collaboration and team building skills

### Music Core: Theory & Musicianship (12 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC003A</td>
<td>Music Theory Level 1</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC003B</td>
<td>Music Theory Level 2</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC020A</td>
<td>Musicianship Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC020B</td>
<td>Musicianship Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC070</td>
<td>Music Business</td>
<td>3 units</td>
</tr>
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</table>

Select one:
- MUSC030A
- MUSC030B
- MUSC031A
- MUSC031B

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Beginning Piano, Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>Beginning Piano, Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>Intermediate Piano Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>Intermediate Piano Level 4</td>
<td>1 unit</td>
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</table>

### Music Core: Applied Voice Lessons. Complete four semesters of MUSC 039G. (4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC039G</td>
<td>Applied Music: Voice</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039G</td>
<td>Applied Music: Voice</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039G</td>
<td>Applied Music: Voice</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC039G</td>
<td>Applied Music: Voice</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

### Music Core: Ensemble Performance. Complete three semesters of MUSC 042 and 1 semester of MUSC 044A or B or C or D. (5 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MUSC042</td>
<td>Concert Choir</td>
<td>1 unit</td>
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<tr>
<td>MUSC042</td>
<td>Concert Choir</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC042</td>
<td>Concert Choir</td>
<td>1 unit</td>
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<td>MUSC042</td>
<td>Concert Choir</td>
<td>1 unit</td>
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</table>

Select one:
- MUSC044A
- MUSC044B
- MUSC044C
- MUSC044D

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Musical Theater &amp; Opera Scenes: Comic Opera</td>
<td>2 units</td>
</tr>
<tr>
<td>Musical Theater &amp; Opera Scenes: Verismo Opera</td>
<td>2 units</td>
</tr>
<tr>
<td>Musical Theater &amp; Opera Scenes: Mid-20th Century Musicals</td>
<td>2 units</td>
</tr>
<tr>
<td>Musical Theater &amp; Opera Scenes: Modern Musicals</td>
<td>2 units</td>
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</table>

### Theater Core: Technique & Production (18 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA012</td>
<td>Survey of Musical Theater</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA035A</td>
<td>Voice Production and Articulation</td>
<td>3</td>
</tr>
<tr>
<td>THEA040A</td>
<td>Acting One</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA040B</td>
<td>Acting Two</td>
<td>3 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

Course Number | Course Title | Units  
--- | --- | ---  
THEA070A | Mainstage Theater Production Workshop: American Representational | 3 units  
THEA070D | Mainstage Theater Production Workshop: Musical and Children's Theater | 3 units

**Dance Core: Complete 2 units of Ballet, 2 units of Tap, and 1 unit of Jazz or Modern. (5 units)**

| Course Number | Course Title | Units  
--- | --- | ---  
Ballet  
DANC001 | Ballet: Beginning Level 1 | 1 unit  
DANC002 | Ballet: Beginning Level 2 | 1 unit  
DANC003 | Ballet: Intermediate Level 3 | 1 unit  
DANC004 | Ballet: Advanced Level 4 | 1 unit  
Tap  
DANC031 | Tap for Musical Theatre: Beginning Level 1 | 1 unit  
DANC032 | Tap for Musical Theatre: Beginning Level 2 | 1 unit  
DANC033 | Tap for Musical Theatre: Intermediate Level 3 | 1 unit  
DANC034 | Tap for Musical Theatre: Advanced Level 4 | 1 unit  
Jazz or Modern  
DANC011 | Jazz Dance: Beginning Level 1 | 1 unit  
DANC012 | Jazz Dance: Beginning Level 2 | 1 unit  
DANC013 | Jazz Dance: Intermediate Level 3 | 1 unit  
DANC014 | Jazz Dance: Advanced Level 4 | 1 unit  
DANC021 | Modern Dance: Beginning Level 1 | 1 unit  
DANC022 | Modern Dance: Beginning Level 2 | 1 unit  
DANC023 | Modern Dance: Intermediate Level 3 | 1 unit  
DANC024 | Modern Dance: Advanced Level 4 | 1 unit

Total Certificate Units: 44 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

**Nutrition Studies**

**NUTRITION AND DIETETICS**

**Associate in Science Degree for Transfer**

The Associate in Science in Nutrition and Dietetics for Transfer degree (AS-T in Nutrition and Science) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Nutrition And Dietetics for the goal of a career path in the field of Nutrition and Dietetics. Students who complete the Associate in Science in Nutrition and Dietetics for Transfer degree (AS-T in Nutrition and Dietetics) will be able to demonstrate knowledge in the relationship of the human diet to health and lifestyle-related diseases. The purpose of the Nutrition and Dietetics major is to provide students with education and training in the area of nutritional sciences or dietetics, and to prepare for transfer. This major provides the opportunity for students to begin their career path in the field of Nutrition and Dietetics. The purpose of the Nutrition and Dietetics major is to provide students with education and training in the area of nutritional sciences or dietetics, and to prepare for transfer. This major provides the opportunity for students to begin their career path in the field of Nutrition and Dietetics. Students must complete the following requirements: • 60 semester or 90 quarter CSU-transferable units; • The California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; • A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district • Obtainment of a minimum grade point average (GPA) of 2.0; • Earn a grade of “C” (or “P”) or better in all courses required for the major or area of emphasis.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Use critical thinking to analyze and interpret information from various media sources and draw scientifically-based conclusions.
- Identify the role of nutrients and healthy food preparations for optimal health and well-being.
- Clearly communicate nutrition concepts in oral and written formats.
- Select appropriate foods for a healthy diet and disease risk reduction.
- Utilize research outcomes and statistics to interpret a nutrition issue.
- Apply knowledge of social, physical and biological sciences to address human nutrition issues.
- Apply knowledge of the physical and biological sciences to the function of nutrients in metabolic processes.

**Required Core Courses (21 units)**

| Course Number | Course Title | Units  
--- | --- | ---  
BIOLO45 | Microbiology | 5 units  
CHEM001A | General Chemistry | 5 units  
CHEM001B | General Chemistry | 5 units
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR015</td>
<td>Human Nutrition</td>
<td>3 units</td>
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<tr>
<td></td>
<td>Select one:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PSYC001</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PSYC001H</td>
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<tr>
<td></td>
<td>General Psychology</td>
<td>3 units</td>
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<tr>
<td></td>
<td>Honors General Psychology</td>
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</table>

#### List A (4-5 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>BIOL047</td>
<td>Human Anatomy</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL048</td>
<td>Human Physiology</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM012A</td>
<td>Organic Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>MATH010</td>
<td>4 units</td>
</tr>
<tr>
<td></td>
<td>MATH010H</td>
<td>4 units</td>
</tr>
<tr>
<td></td>
<td>Elementary Statistics</td>
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<td></td>
<td>Honors Elementary Statistics</td>
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#### List B (3-6 units)

<table>
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<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>BIOL011</td>
<td>Human Biology</td>
<td>4 units</td>
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<tr>
<td>BIOL041</td>
<td>Principles of Animal Biology</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL042</td>
<td>Principles of Plant Biology</td>
<td>5 units</td>
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<tr>
<td>BIOL043</td>
<td>Principles of Cell Biology</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL047</td>
<td>Human Anatomy</td>
<td>5 units</td>
</tr>
<tr>
<td>BIOL048</td>
<td>Human Physiology</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM012A</td>
<td>Organic Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>ECON001A</td>
<td>4 units</td>
</tr>
<tr>
<td></td>
<td>ECON001AH</td>
<td>4 units</td>
</tr>
<tr>
<td></td>
<td>Principles of Macroeconomics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Honors Principles of Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>Only one:</td>
<td>ECON001B</td>
<td>4 units</td>
</tr>
<tr>
<td></td>
<td>ECON001BH</td>
<td>4 units</td>
</tr>
<tr>
<td></td>
<td>Principles of Microeconomics</td>
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<tr>
<td></td>
<td>Honors Principles of Microeconomics</td>
<td></td>
</tr>
<tr>
<td>MATH001</td>
<td>Pre-Calculus Algebra</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH002</td>
<td>Pre-Calculus Algebra and Trigonometry</td>
<td>6 units</td>
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<tr>
<td>Only one:</td>
<td>MATH010</td>
<td>4 units</td>
</tr>
<tr>
<td></td>
<td>MATH010H</td>
<td>4 units</td>
</tr>
<tr>
<td></td>
<td>Elementary Statistics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Honors Elementary Statistics</td>
<td></td>
</tr>
<tr>
<td>PHYS002A</td>
<td>General Physics - Mechanics</td>
<td>5 units</td>
</tr>
<tr>
<td>PHYS002B</td>
<td>General Physics - Electricity and Magnetism</td>
<td>5 units</td>
</tr>
<tr>
<td>PSYC012</td>
<td>Human Growth and Development</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 28-32 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

### Paralegal

**Associate in Science Degree**

The Paralegal Associate of Science degree goals and objectives are designed to prepare the student to enter into the paralegal profession. To enhance a graduate's ability to obtain employment, the Program requires an internship in a law office environment doing paralegal level tasks. This aids the graduate by demonstrating to potential employers that the candidate has had practical paralegal work experience in the legal field. Examples of Paralegal employers include 1. Law Firms 2. Government Agencies 3. Corporate Legal Departments 4. Non-Profit Organizations 5. Financial Institutions 6. Insurance Companies 7. Real Estate Companies Additionally, there are a number of alternative careers for paralegal-trained individuals, including 1. Investigator or Hearing Officers...
for Federal, State, and Local Administrative Agencies 2. Insurance Claims Adjuster 3. Debt Collector 4. Financial Services Representative 5. Legal Writer 6. Alternative Dispute Resolution (Mediator, Arbitrator) 7. Legal Publishing or Database Company Representative 8. Project Manager/Sales for legal support software vendors 9. Contracts Administrator 10. Compliance Officer in a Corporate environment 11. Clerk or Administrator in the court system Special note: Coursework may include no more than 12 units for transfer of legal specialty courses from another ABA approved paralegal program. No more than 3 units of the Administration of Justice courses may be selected as electives. This degree consists of all of the requirements for the Paralegal Certificate of Achievement plus a minimum of 25 units of General Education from the approved list of general education courses.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

• Apply the ethical rules and regulations applicable to paralegals and other legal professionals to given situations.
• Conduct legal research.
• Demonstrate the skills and knowledge needed to work in civil litigation.
• Describe the practice of law and the paralegal's role in the legal profession.
• Demonstrate strong written and oral communication skills.
• Demonstrate an ability to do factual and legal analysis.
• Demonstrate a proficiency with legal technology.

### Required Core Courses (29 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARA018</td>
<td>Legal Analysis</td>
<td>2</td>
</tr>
<tr>
<td>PARA019</td>
<td>Introduction to Paralegal Studies</td>
<td>3</td>
</tr>
<tr>
<td>PARA021</td>
<td>Introduction to American Law</td>
<td>3</td>
</tr>
<tr>
<td>PARA022</td>
<td>Civil Litigation Procedures</td>
<td>3</td>
</tr>
<tr>
<td>PARA022A</td>
<td>Pre-trial Procedures</td>
<td>1.5</td>
</tr>
<tr>
<td>PARA023</td>
<td>Legal Research and Writing</td>
<td>2</td>
</tr>
<tr>
<td>PARA024A</td>
<td>Writing for Law Practice</td>
<td>1.5</td>
</tr>
<tr>
<td>PARA025</td>
<td>Legal Ethics and Professional Responsibility</td>
<td>1.5</td>
</tr>
<tr>
<td>PARA029A</td>
<td>Paralegal Employment Preparation</td>
<td>1</td>
</tr>
<tr>
<td>PARA029B</td>
<td>Paralegal Internship</td>
<td>2</td>
</tr>
<tr>
<td>PARA043</td>
<td>Law Office Management</td>
<td>2</td>
</tr>
<tr>
<td>PARA065B</td>
<td>Microsoft Word for the Law Office</td>
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<tr>
<td>PARA068</td>
<td>Computer Assisted Legal Research</td>
<td>1.5</td>
</tr>
<tr>
<td>PARA090</td>
<td>Legal Technology</td>
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</table>

### Electives from Recommended List (6 units)

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<th>Course Title</th>
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<tbody>
<tr>
<td>ADMJ004</td>
<td>Legal Aspects of Evidence</td>
<td>3</td>
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<td>ADMJ005</td>
<td>Criminal Investigation</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ041</td>
<td>Introduction to Forensics</td>
<td>3</td>
</tr>
<tr>
<td>PARA027</td>
<td>Corporate Law</td>
<td>3</td>
</tr>
<tr>
<td>PARA030</td>
<td>Business Contract Law</td>
<td>1.5</td>
</tr>
<tr>
<td>PARA032</td>
<td>Family Law</td>
<td>3</td>
</tr>
<tr>
<td>PARA035A</td>
<td>Practical Procedures for Probate</td>
<td>1.5</td>
</tr>
<tr>
<td>PARA036</td>
<td>Will Drafting and Basic Estate Planning</td>
<td>3</td>
</tr>
<tr>
<td>PARA037</td>
<td>Intellectual Property Law</td>
<td>1.5</td>
</tr>
<tr>
<td>PARA070</td>
<td>Employment Law</td>
<td>3</td>
</tr>
<tr>
<td>PARA076</td>
<td>Immigration and Naturalization Law for Paralegals</td>
<td>3</td>
</tr>
<tr>
<td>PARA077</td>
<td>Elder Law for Paralegals</td>
<td>1.5</td>
</tr>
<tr>
<td>PARA083C</td>
<td>Patent Administration for Paralegals</td>
<td>3</td>
</tr>
</tbody>
</table>
Degrees and Certificates

Total Major Units: 35 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

PARALEGAL

Certificate of Achievement

The Paralegal Certificate of Achievement goals and objectives are designed to prepare the student to enter into the paralegal profession. To enhance a graduate's ability to obtain employment, the Program requires an internship in a law office environment doing paralegal level tasks. This aids the graduate by demonstrating to potential employers that the candidate has had practical paralegal work experience in the legal field. Examples of Paralegal employers include 1. Law Firms 2. Government Agencies 3. Corporate Legal Departments 4. Non-Profit Organizations 5. Financial Institutions 6. Insurance Companies 7. Real Estate Companies. Additionally, there are a number of alternative careers for paralegal-trained individuals, including 1. Investigator or Hearing Officers for Federal, State, and Local Administrative Agencies 2. Insurance Claims Adjuster 3. Debt Collector 4. Financial Services Representative 5. Legal Writer 6. Alternative Dispute Resolution (Mediator, Arbitrator) 7. Legal Publishing or Database Company Representative.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

• Demonstrate strong written and oral communication skills.
• Apply the ethical rules and regulations applicable to paralegals and other legal professionals to given situations.
• Describe the practice of law and the paralegal role in the legal profession.
• Conduct legal research.
• Demonstrate the skills and knowledge needed to work in civil litigation.
• Demonstrate a proficiency with legal technology
• Demonstrate and ability to do factual and legal analysis

Required Core Courses (29 units)

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<tr>
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<td>Microsoft Word for the Law Office</td>
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Electives from Recommended List (6 units)

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<tr>
<td>ADMJ004</td>
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<td>Criminal Investigation</td>
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<td>PARA027</td>
<td>Corporate Law</td>
<td>3 units</td>
</tr>
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</tbody>
</table>
### Degrees and Certificates

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<tbody>
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<td>Family Law</td>
<td>3 units</td>
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<td>PARA035A</td>
<td>Practical Procedures for Probate</td>
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<td>Will Drafting and Basic Estate Planning</td>
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<td>Intellectual Property Law</td>
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<td>1.5 units</td>
</tr>
<tr>
<td>PARA083C</td>
<td>Patent Administration for Paralegals</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 35 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

### Park Management

#### PARK MANAGEMENT

**Associate in Science Degree**

The Park Management AS degree is designed for students who have a desire to pursue a career with city, county, state, and federal parks, open space, and public land management agencies. These positions include open space technicians, park rangers, park interpreters, park maintenance, game officers, park managers, park planners, natural resource managers, cultural resource managers, wildland firefighters, and search and rescue technicians. Students learn to apply skills working directly with parks, open space, public land agencies, and non-governmental environmental organizations.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
- Plan and implement a backcountry overnight experience.
- Develop plans and designs for park facilities.
- Design, develop, and complete projects in the following four areas: resources management, visitor services, maintenance and interpretation.
- Develop GIS mapping projects and demonstrate the use of GPS.
- Use wildland fire and emergency medical response techniques.
- Design, develop, and complete projects in the following three areas: resources management, visitor services, and interpretation.
- Develop mapping projects and demonstrate the use of the three elements of geospatial technology; GIS, GPS, and Remote Sensing.
- Plan and implement backcountry overnight experiences.
- Plan, design, and complete a maintenance project.

**Required Core Courses (38-39 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMGT010</td>
<td>Introduction to Park Management</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT011</td>
<td>Park Communications</td>
<td>2 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PMGT012A</td>
<td>Basic Outdoor Skills</td>
<td>2 units</td>
</tr>
<tr>
<td>PMGT012B</td>
<td>Backcountry Technical Rescue</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT013</td>
<td>Wildland Fire Suppression</td>
<td>2 units</td>
</tr>
<tr>
<td>PMGT014</td>
<td>Conservation of Our Natural Resources</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT015A</td>
<td>Duties of the Park Professional</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT015B</td>
<td>Natural and Cultural Resource Interpretation</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT015C</td>
<td>Introduction to Park Maintenance</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT017</td>
<td>Basic Horticulture for Parks</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT018</td>
<td>Park Planning &amp; Design</td>
<td>2 units</td>
</tr>
<tr>
<td>PMGT019</td>
<td>Wilderness First Responder</td>
<td>5 units</td>
</tr>
<tr>
<td>PMGT020A</td>
<td>Employment Preparation</td>
<td>1 unit</td>
</tr>
</tbody>
</table>
Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMGT020B</td>
<td>Internship</td>
<td>2 units</td>
</tr>
<tr>
<td>PMGT021</td>
<td>Park Operations Laboratory</td>
<td>1 unit</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GIST016A</td>
<td>Introduction to Geospatial Technology</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016G</td>
<td>Introduction to Remote Sensing</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 38-39 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

PARK MANAGEMENT

Certificate of Achievement

The Park Management Certificate is designed for students who have a desire to pursue a career with city, county, state, and federal parks, open space, and public land management agencies. These positions include open space technicians, park rangers, park interpreters, park maintenance, game officers, park managers, park planners, natural resource managers, cultural resource managers, wildland firefighters, and search and rescue technicians. Students learn to apply skills working directly with parks, open space, public land agencies, and non-governmental environmental organizations.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Design, develop, and complete projects in the following three areas: resources management, visitor services, and interpretation.
- Develop plans and designs for park facilities.
- Design, develop, and complete projects in the following four areas: resources management, visitor services, maintenance, and interpretation.
- Use wildland fire and emergency medical response techniques.
- Use Wildland fire and emergency medical response techniques.
- Develop plans and designs for park facilities.
- Develop mapping projects and demonstrate the use of the three elements of geospatial technology; GIS, GPS, and Remote Sensing.
- Plan and implement backcountry overnight experiences.
- Plan, design, and complete a maintenance project.

Required Core Courses (38-39 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMGT010</td>
<td>Introduction to Park Management</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT011</td>
<td>Park Communications</td>
<td>2 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PMGT012A</td>
<td>Basic Outdoor Skills</td>
<td>2 units</td>
</tr>
<tr>
<td>PMGT012B</td>
<td>Backcountry Technical Rescue</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT013</td>
<td>Wildland Fire Suppression</td>
<td>2 units</td>
</tr>
<tr>
<td>PMGT014</td>
<td>Conservation of Our Natural Resources</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT015A</td>
<td>Duties of the Park Professional</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT015B</td>
<td>Natural and Cultural Resource Interpretation</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT015C</td>
<td>Introduction to Park Maintenance</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT017</td>
<td>Basic Horticulture for Parks</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT018</td>
<td>Park Planning &amp; Design</td>
<td>2 units</td>
</tr>
<tr>
<td>PMGT019</td>
<td>Wilderness First Responder</td>
<td>5 units</td>
</tr>
<tr>
<td>PMGT020A</td>
<td>Employment Preparation</td>
<td>1 unit</td>
</tr>
<tr>
<td>PMGT020B</td>
<td>Internship</td>
<td>2 units</td>
</tr>
<tr>
<td>PMGT021</td>
<td>Park Operations Laboratory</td>
<td>1 unit</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GIST016A</td>
<td>Introduction to Geospatial Technology</td>
<td>3 units</td>
</tr>
<tr>
<td>GIST016G</td>
<td>Introduction to Remote Sensing</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 38-39 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

**REGENERATIVE AGRICULTURE**

**Certificate of Achievement**
The Certificate in Regenerative Agriculture is designed to prepare students to work in the field of regenerative agriculture. It demonstrates the benefits of increasing carbon sequestration in the land through regenerative techniques. Grazing and farming occur on these lands and there is an opportunity now to change human behavior and beliefs towards farming and foster the idea of entrepreneurship and reduce the need for farm subsidies. This program takes a multi-disciplinary approach to effect positive change to Planet Earth. This program will include courses from four different disciplines to include Park Management, Biology, Nutrition, and Business. Possible career options are Regenerative Ag Consultant, Field Organizer, Farm Worker, Soil Advocate, Farm Manager, Conservation Specialist, and Soil Scientist.

**Program Learning Outcomes**
Upon successful completion of this program a student will be able to:
- Discuss the concept of sustainability and how each of us can contribute to maintaining a sustainable way of living.
- Discuss the concept of regenerative agriculture and how each of us can contribute to maintaining a sustainable way of living.
- Compare strategies for developing effective food policies to ensure fair and equitable distribution of foods to prevent food insecurity.
- Identify techniques for cultivating native plants for use in the restoration of public lands.
- Analyze the effects human activity has on ecosystems and assess the impact of conservation methods on these ecosystems.
- Describe the impact of entrepreneurs on political change, economic development, lowering of class and gender barriers.
- Discuss the social, economic, and biological impacts of climate change.

**Required Courses (22 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL012</td>
<td>Introduction to Ecology and Wildlife</td>
<td>4 units</td>
</tr>
<tr>
<td>BIOL059</td>
<td>Climate Change</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN015</td>
<td>The Entrepreneurial Mindset</td>
<td>3 units</td>
</tr>
<tr>
<td>NUTR020</td>
<td>World Food Customs and Nutrition</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT014</td>
<td>Conservation of Our Natural Resources</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT017</td>
<td>Basic Horticulture for Parks</td>
<td>3 units</td>
</tr>
<tr>
<td>PMGT026</td>
<td>Regenerative Agriculture for Parks</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Certificate Units: 22 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

**Philosophy**

**PHILOSOPHY**

**Associate in Arts Degree**
The Associate of Arts degree in Philosophy provides students with the opportunity to develop skills to think logically, critically, and philosophically and apply these skills to everyday life. In developing these abilities, students will be introduced to a wide range of philosophical topics found in the history of ideas. After earning this degree, students will have the abilities necessary to perform in-depth critical analysis and theorizing, which are desired skills in the workforce and in academia.

**Program Learning Outcomes**
Upon successful completion of this program a student will be able to:
- Analyze the vitality and relevance of classical philosophical debates to contemporary life.
- Identify and describe characteristics of diverse multicultural traditions.
- Apply philosophy’s analytical approach to people's most basic assumptions about the world and human experience.
- Demonstrate clarity and rigor of thought and expression.
- Evaluate reasoning in order to develop precise and persuasive arguments and to resist faulty arguments

**Required Core Courses (21 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL001</td>
<td>Introduction to Philosophy</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL002</td>
<td>Introduction to Logic</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHIL004</td>
<td>Comparative Religions</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL021</td>
<td>World Philosophers on Death and the Good Life</td>
<td>3 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL005</td>
<td>Introduction to Social and Political Philosophy</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL022</td>
<td>Philosophy of Religion</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001A</td>
<td>English Composition</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHIL003</td>
<td>Introduction to Ethics</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL017</td>
<td>Logic &amp; Critical Reasoning</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 21 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

### PHILOSOPHY

#### Associate in Arts Degree for Transfer

The Associate in Arts in Philosophy for Transfer degree (AA-T in Philosophy) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Philosophy. Students must complete the following ADT requirements: 1. 60 semester or 90 quarter CSU-transferable units; 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district; 4. obtainment of a minimum grade point average (GPA) of 2.0; 5. earn a grade of C or better in all courses required for the major or area of emphasis.

**Required Core Courses (6 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL002</td>
<td>Introduction to Logic</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHIL001</td>
<td>Introduction to Philosophy</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL003</td>
<td>Introduction to Ethics</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**List A: Select one or any Required Core course not already used (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL004</td>
<td>Comparative Religions</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL005</td>
<td>Introduction to Social and Political Philosophy</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL017</td>
<td>Logic &amp; Critical Reasoning</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**List B: Select two or any List A courses not already used (6 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL022</td>
<td>Philosophy of Religion</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST004B</td>
<td>Western Civilization II: 1500 CE to Present</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**List C: Select one or any List A or List B course not already used (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST004A</td>
<td>Western Civilization I: Prehistory to 1500 CE</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST005A</td>
<td>World History: Prehistory to 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST005B</td>
<td>World History from 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST012</td>
<td>African American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST014</td>
<td>History of the Native North Americans</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST016</td>
<td>Mexican-American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017A</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017B</td>
<td>Honors United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>Course Number</td>
<td>Course Title</td>
<td>Units</td>
</tr>
<tr>
<td>---------------</td>
<td>---------------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>HIST017BH</td>
<td>History and Geography of California</td>
<td>3</td>
</tr>
<tr>
<td>HIST020</td>
<td>History and Geography of California</td>
<td>3</td>
</tr>
<tr>
<td>HUMN001A</td>
<td>Human Values in and from the Arts - the Ancient World to the Early Renaissance</td>
<td>3</td>
</tr>
<tr>
<td>HUMN001B</td>
<td>Human Values in and from the Arts - the Renaissance to the Modern Age</td>
<td>3</td>
</tr>
<tr>
<td>WGQS002</td>
<td>Women in the Arts: Multicultural Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>WGQS004A</td>
<td>Women in World Cultures</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units: 18 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

**Physics**

**PHYSICS**

**Associate in Science Degree for Transfer**

The Associate in Science in Physics for Transfer degree (AS-T in Physics) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Physics. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units; 2. the Intersegmental General Education Transfer Curriculum (IGETC) pattern; 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district; 4. obtainment of a minimum grade point average (GPA) of 2.0; 5. earn a grade of C or better in all courses required for the major or area of emphasis.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Set up an experiment, collect and analyze data, identify sources of error, and interpret results.
- Use basic software, such as word processing, spreadsheet, and graphing programs.
- Identify the essential aspects of a problem and formulate a strategy for solving the problem.
- Estimate the solution to a problem, apply appropriate techniques to arrive at a solution, test the correctness of their solution, interpret their result and connect it to related areas of physics.
- Communicate orally and in writing core physical principles, the results of experiments, and their analysis of physical problems.

**Required Core (30 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS004A</td>
<td>Engineering Physics - Mechanics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS004B</td>
<td>Engineering Physics - Electricity and Magnetism</td>
<td>5</td>
</tr>
<tr>
<td>PHYS004C</td>
<td>Engineering Physics - Light, Heat and Waves</td>
<td>5</td>
</tr>
<tr>
<td>Select one:</td>
<td>Calculus and Analytic Geometry Honors Calculus and Analytical Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH003A</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>MATH003AH</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Select one:</td>
<td>Calculus and Analytical Geometry Honors Calculus and Analytical Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH003B</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>MATH003BH</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>MATH004A</td>
<td>Intermediate Calculus</td>
<td>5</td>
</tr>
</tbody>
</table>

Total Major Units: 30 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

**PHYSICS**

**Associate in Science for UC Transfer**

The Associate in Science in Physics for UC Transfer Pathway (AS-UCTP in Physics) is a 64-68 unit program that provides students with the lower division coursework required for transfer to a UC institution for the major in Physics. Students must complete the following requirements: 1. 64-68 semester or 96-102 quarter UC-transferable units; 2. the Intersegmental General Education Transfer Curriculum (IGETC) pattern; 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district; 3. obtainment of a minimum grade point average (GPA) of 3.5; 4. earn a grade of B or better in all courses required for the major or area of emphasis.
Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Communicate orally and in writing core physical principles, the results of experiments, and their analysis of physical problems.
- Set up an experiment, collect and analyze data, identify sources of error, and interpret results.
- Use basic software, such as word processing, spreadsheet, and graphing programs.
- Identify the essential aspects of a problem and formulate a strategy for solving the problem.
- Estimate the solution to a problem, apply appropriate techniques to arrive at a solution, test the correctness of their solution, interpret their result and connect it to related areas of physics.

Required Core (48 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM001A</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>CHEM001B</td>
<td>General Chemistry</td>
<td>5 units</td>
</tr>
<tr>
<td>PHYS004A</td>
<td>Engineering Physics-Mechanics</td>
<td>5 units</td>
</tr>
<tr>
<td>PHYS004B</td>
<td>Engineering Physics - Electricity and Magnetism</td>
<td>5 units</td>
</tr>
<tr>
<td>PHYS004C</td>
<td>Engineering Physics-Light, Heat and Waves</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003A</td>
<td>Calculus and Analytic Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003AH</td>
<td>Honors Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003B</td>
<td>Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003BH</td>
<td>Honors Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH004A</td>
<td>Intermediate Calculus</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH004B</td>
<td>Differential Equations</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH004C</td>
<td>Linear Algebra</td>
<td>4 units</td>
</tr>
</tbody>
</table>

Total Major Units: 48 units

To be awarded an Associate Degree for UC Transfer, a student must:
1. Achieve a grade of "C" or better in the major requirements.
2. Complete the 16-20 units of required IGETC General Education courses listed in the catalog for this program. The remaining IGETC General Education courses can be completed at the transfer University of California campus.

Have a minimum grade point average (GPA) of at least 2.0 in all UC-transferable work. Students are required to complete the degree with a minimum cumulative GPA of 3.5 in UC transferable coursework to obtain a guarantee of admission to the University of California system.

PHYSICS, APPLIED PHYSICS, GEOPHYSICS

Associate in Science Degree

The Associate of Science in Physics, Applied Physics, Geophysics program supports students wishing to transfer whose academic pathways include a variety of physics related degrees or students who wish to grow in their critical thinking and analytical abilities that are present in Physics or other disciplines.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Set up an experiment, collect and analyze data, identify sources of error, and interpret results
- Use basic software, such as word processing, spreadsheet, and graphing programs.
- Identify the essential aspects of a problem and formulate a strategy for solving the problem
- Estimate the solution to a problem, apply appropriate techniques to arrive at a solution, test the correctness of their solution, interpret their result and connect it to related areas of physics.
- Communicate orally and in writing core physical principles, the results of experiments, and their analysis of physical problems

Required Core Courses (37 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS004A</td>
<td>Engineering Physics-Mechanics</td>
<td>5 units</td>
</tr>
<tr>
<td>PHYS004B</td>
<td>Engineering Physics - Electricity and Magnetism</td>
<td>5 units</td>
</tr>
<tr>
<td>PHYS004C</td>
<td>Engineering Physics-Light, Heat and Waves</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003A</td>
<td>Calculus and Analytic Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH003B</td>
<td>Calculus and Analytical Geometry</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH004A</td>
<td>Intermediate Calculus</td>
<td>5 units</td>
</tr>
<tr>
<td>MATH004B</td>
<td>Differential Equations</td>
<td>4 units</td>
</tr>
</tbody>
</table>
**Degrees and Certificates**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR021</td>
<td>Intro Computing for Scientists and Engineers</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 37 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

**Political Science**

**LAW, PUBLIC POLICY AND SOCIETY**

**Associate in Arts Degree for Transfer**

The Associate in Arts in Law, Public Policy and Society for Transfer Degree (AA-T) is designed to provide a solid, multi-disciplinary lower-division preparation for students who intend to transfer to a California State University (CSU) for a bachelor's degree in Political Science, Public Policy, Law, Sociology, Economics, Criminal Justice, Criminology, Global Intelligence and National Security, International Relations, Philosophy, or similar major. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C (or P) or better in all courses required for the major or area of emphasis.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
- Evaluate diverse viewpoints related to the human experience
- Analyze political science concepts and theories
- Articulate evidence-based arguments

**Required Core (25 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ001</td>
<td>Introduction to Administration of Justice</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ002</td>
<td>Concepts of Criminal Law</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ003</td>
<td>Principles &amp; Procedures of the Justice System</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN028</td>
<td>Business Law</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL003</td>
<td>Introduction to Ethics</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM001</td>
<td>Public Speaking</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM004</td>
<td>Small Group Discussion</td>
<td>3 units</td>
</tr>
<tr>
<td>COMM020</td>
<td>Argumentation and Debate</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001A</td>
<td>English Composition</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001C</td>
<td>Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001CH</td>
<td>Honors Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL002</td>
<td>Introduction to Logic</td>
<td>3 units</td>
</tr>
<tr>
<td>MATH010</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010H</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>HIST017A</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017B</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017BH</td>
<td>Honors United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI001</td>
<td>American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI001H</td>
<td>Honors American Government</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**List A: Select up to Two Courses from Two of the areas listed below: (NOTE: courses must not have been used above) (6-7 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ001</td>
<td>Introduction to Administration of Justice</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ002</td>
<td>Concepts of Criminal Law</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ003</td>
<td>Principles &amp; Procedures of the Justice System</td>
<td>3 units</td>
</tr>
<tr>
<td>BUSN028</td>
<td>Business Law</td>
<td>3 units</td>
</tr>
<tr>
<td>PHIL003</td>
<td>Introduction to Ethics</td>
<td>3 units</td>
</tr>
</tbody>
</table>

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Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ003</td>
<td>Juvenile Procedures</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ004</td>
<td>Community Relations</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ008</td>
<td>Introduction to Corrections</td>
<td>3 units</td>
</tr>
<tr>
<td>ADMJ021</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADMJ100G</td>
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</table>

Area 2: Business

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSN028</td>
<td>Business Law</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Area 3: Economics (4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only one:</td>
<td>Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001A</td>
<td>Honors Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001B</td>
<td>Honors Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>POLI002</td>
<td>Comparative Governments</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI003</td>
<td>Honors Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI004</td>
<td>International Relations</td>
<td>3 units</td>
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</table>

Area 5: Public Policy

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SJST001</td>
<td>Introduction to Ethnic and Social Justice Studies</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCIO002</td>
<td>Social Problems</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Area 6: Diversity (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only one:</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH003</td>
<td>Honors Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOG002</td>
<td>Introduction to Cultural Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCIO20</td>
<td>Sociology of Race and Ethnicity</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCIO28</td>
<td>Sociology of Gender</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Area 7: College Success

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUN005</td>
<td>College Success</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 31-32 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

POLITICAL SCIENCE

Associate in Arts Degree

A student obtaining an A.A. degree in Political Science will be able to demonstrate critical thinking, analytic problem solving, research and communication skills, all of which are valued by institutions of higher education and the labor market. Students will apply these skills to understand the structure and functions of American government; the institutions, players, and processes in American national and state governments; the exercise of power in governmental institutions; comparison of the U.S. political system to others in the world; and political relations among nations and the transnational relations practiced by people, organizations, and institutions across national boundaries. The Political Science Program at West Valley College is primarily transfer oriented. It prepares students to enter 4-year Political Science or any Political Science-related program at the university level. Students are required to earn a minimum grade point average (GPA) of 2.0 and earn a grade of C or better in all courses required for the major.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Analyze the exercise of power in governmental institutions; analyze how public policy is formulated, legislated, implemented and evaluated within our democratic framework.
- Identify the institutions, players and processes in American national and state governments.
- Describe the political relations among nations and the transnational relations practiced by people, organizations, and institutions across national boundaries
- Describe the structure and functions of American government
- Explain the ideas of the great political thinkers and how those ideas apply to our democracy and to our world today
- Compare the U.S. political system to others in the world

## Required Core Courses (12 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLI001</td>
<td>American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI001H</td>
<td>Honors American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI002</td>
<td>Comparative Governments</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI004</td>
<td>International Relations</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL001C</td>
<td>Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001CH</td>
<td>Honors Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
</tbody>
</table>

## Elective Courses (9 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH001</td>
<td>Introduction to Physical Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH002</td>
<td>Introduction to Archaeology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH003H</td>
<td>Honors Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON001A</td>
<td>Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001AH</td>
<td>Honors Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON001B</td>
<td>Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001BH</td>
<td>Honors Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>GEOG001</td>
<td>Intro Physical Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOG002</td>
<td>Introduction to Cultural Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST004A</td>
<td>Western Civilization I: Prehistory to 1500 CE</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST004B</td>
<td>Western Civilization II: 1500 CE to Present</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST005A</td>
<td>World History: Prehistory to 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST005B</td>
<td>World History from 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST012</td>
<td>African American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST014</td>
<td>History of the Native North Americans</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST016</td>
<td>Mexican-American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017A</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST017B</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017BH</td>
<td>Honors United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST020</td>
<td>History and Geography of California</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLI003</td>
<td>Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI003H</td>
<td>Honors Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001H</td>
<td>Honors General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC002</td>
<td>Experimental Psychophysiology</td>
<td>4 units</td>
</tr>
<tr>
<td>PSYC002H</td>
<td>Honors Experimental Psychophysiology</td>
<td>4 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

#### Course List

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC007</td>
<td>Physiological Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC009</td>
<td>Psychology of Women: A Multicultural Perspective</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC012</td>
<td>Human Growth and Development</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC025</td>
<td>Introduction to Abnormal Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Social Problems</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI002</td>
<td>Sociology of Race and Ethnicity</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI020</td>
<td>Sociology of Gender</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI028</td>
<td>Marriage and Family Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI045</td>
<td>Sociology of Human Sexuality</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 21 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

### POLITICAL SCIENCE

#### Associate in Arts Degree for Transfer

The Associate in Arts in Political Science for Transfer degree (AA-T in Political Science) is a 60 unit program which is designed to provide lower division education to students planning to transfer to a CSU institution in pursuit of a baccalaureate degree in Political Science, International Relations, Social and Behavioral Sciences, or Government. Students must complete the following ADT requirements:

1. 60 semester or 90 quarter CSU-transferable units
2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
4. obtainment of a minimum grade point average (GPA) of 2.0.
5. earn a grade of C (or P) or better in all courses required for the major or area of emphasis.

#### Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Identify the institutions, players and processes in American national and state governments.
- Analyze the exercise of power in governmental institutions; analyze how public policy is formulated, legislated, implemented and evaluated within our democratic framework.
- Explain the ideas of the great political thinkers and how those ideas apply to our democracy and to our world today.
- Describe the structure and functions of American government.
- Compare the U.S. political system to others in the world.
- Describe the political relations among nations and the transnational relations practiced by people, organizations, and institutions across national boundaries.

#### Required Core Courses (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLI001</td>
<td>American Government</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI001H</td>
<td>Honors American Government</td>
<td>3 units</td>
</tr>
</tbody>
</table>

#### List A: Select three (9-10 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLI002</td>
<td>Comparative Governments</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI004</td>
<td>International Relations</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI003</td>
<td>Honors Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
</tbody>
</table>

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List B: Select two from below or any List A course not already used (6-8 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ001</td>
<td>Introduction to Administration of Justice</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH002</td>
<td>Introduction to Archaeology</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one: ECON001A</td>
<td>Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>Only one: ECON001AH</td>
<td>Honors Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>Only one: ECON001B</td>
<td>Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>Only one: ECON001BH</td>
<td>Honors Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>GEOG002</td>
<td>Introduction to Cultural Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>GEOG006</td>
<td>World Regional Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST012</td>
<td>African American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST014</td>
<td>History of the Native North Americans</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST016</td>
<td>Mexican-American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST017A</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one: HIST017B</td>
<td>United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one: HIST017BH</td>
<td>Honors United States History</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI002</td>
<td>Social Problems</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI028</td>
<td>Sociology of Gender</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI045</td>
<td>Sociology of Human Sexuality</td>
<td>3 units</td>
</tr>
<tr>
<td>WGQS001</td>
<td>Introduction to Women's Studies</td>
<td>4 units</td>
</tr>
</tbody>
</table>

Total Major Units: 18-21 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

Psychology

PSYCHOLOGY

Associate in Arts Degree

The Associate in Arts in Psychology program provides lower division education to students planning to transfer to four-year institutions and major in Psychology or for those students desiring foundational knowledge in Psychology. Students may also be prepared for entry level positions in related occupations.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Describe the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.
- Describe the anatomy and function of the major components of the nervous system, and the physiological basis of neuronal communication, including how drugs, stress, nutrition, interpersonal attraction and other exogenous factors affect the function of the nervous system.
- Explain how psychosocial factors influence behavior and attitudes, and recognize the complexity of sociocultural and international diversity.
- Specify how psychological principles are applied to real-life situations in business, industry, child rearing, and social interactions.
- Analyze data by selecting the appropriate methods, accurately evaluate and interpret the results, and communicate the results including the proper use of tables and graphs.
- Apply the scientific method and critical thinking skills to formulate valid hypotheses, operationally define constructs, and evaluate claims.

Major Requirements (14 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH010</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC002</td>
<td>Experimental Psychophysiology</td>
<td>4 units</td>
</tr>
<tr>
<td>PSYC007</td>
<td>Physiological Psychology</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**List A: Select two (6 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC009</td>
<td>Psychology of Women: A Multicultural Perspective</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC012</td>
<td>Human Growth and Development</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC017</td>
<td>Introduction to Social Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC025</td>
<td>Introduction to Abnormal Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC030</td>
<td>Psychology of Addiction and Substance Abuse</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**Recommended Electives (0 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL010</td>
<td>Introduction to Biology</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL043</td>
<td>Principles of Cell Biology</td>
<td>5 units</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 20 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

**PSYCHOLOGY**

**Associate in Arts Degree for Transfer**

The Associate in Arts in Psychology for Transfer is a 60 unit program which provides lower division education to students planning to transfer to a local CSU with a similar major and major in Psychology. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth), OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C or better in all courses required for the major or area of emphasis.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
- Explain how psychosocial factors influence behavior and attitudes, and recognize the complexity of sociocultural and international diversity.
- Apply the scientific method and critical thinking skills to formulate valid hypotheses, operationally define constructs, and evaluate claims.
- Analyze data by selecting the appropriate methods, accurately evaluate and interpret the results, and communicate the results including the proper use of tables and graphs.
- Describe the major concepts, theoretical findings, and historical trends in psychology.
- Describe the anatomy and function of the major components of the nervous system, and the physiological basis of neuronal communication, including how drugs, stress, nutrition, interpersonal attraction, and other exogenous factors affect the function of the individual.
- Specify how psychological principles are applied to real-life situations in business, industry, child-rearing, and social interaction.

**Required Core Courses (11 units)**

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC002</td>
<td>Experimental Psychophysiology</td>
<td>4 units</td>
</tr>
<tr>
<td>PSYC002H</td>
<td>Honors Experimental Psychophysiology</td>
<td>4 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH010</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010H</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
</tbody>
</table>
Upon successful completion of this program a student will be able to:

Program Learning Outcomes

1. obtainment of a minimum grade point average (GPA) of 2.0.
2. earn a pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
3. a minimum of 18 semester or 27 quarter units must complete the following requirements:
4. CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

Social Justice Studies

SOCIAL JUSTICE STUDIES: GENERAL STUDIES

Associate in Arts Degree for Transfer

The Associate in Arts in Social Justice Studies: General Studies for Transfer degree (AA-T) is a 60 unit program which provides students with a pathway for turning their passion for change, human rights, and the ideals of justice into an interdisciplinary focus area of study for transfer. The program gives students choices in their coursework, so that each individual can focus on the issues or areas that most appeal to them within the framework of social justice coursework that includes themes of race, ethnicity, socioeconomic class, sex identity, culture and diversity, gender, and sexuality. This interdisciplinary program will prepare students for a workplace and world where awareness of inequality, microaggressions as well as systemic marginalization and discrimination, and a capacity to understand and address social responsibility, have become globally interconnected. The Social Justice Studies: General Studies for Transfer degree (AA-T) provides students the lower division coursework required for transfer to a CSU institution for the major in a variety of interdisciplinary or traditional disciplines, such as Ethnic Studies, Women and Gender Studies, Justice Studies, Sociology, English, Humanities, Philosophy, History, Anthropology, Psychology, Art, or Political Science. Social Justice Studies emerged out of historical and ongoing social progress movements such as the Labor, Civil Rights, Disability Rights, LGBTQ, and Women's Liberation movements. Students explore interconnected systems of discrimination and oppression, including institutional, relational, cultural, and socioeconomic racism, sexism, ableism, classism, homophobia, and cisgenderism. Social Justice scholarship locates intersectional identities of race, class, sex, ability, gender, sexuality, religion, culture, and nation, to explore inequities and identify systems of oppression and advantage that exist as a result of marginalization, cultural supremacy/insensitivity, and/or violence. The goal of the program is not to engender a singular approach to social justice issues but rather to present students with a dynamic academic framework for thinking creatively and pragmatically about contemporary social issues.

Areas of scholarship that inform social justice include education, anthropology; race and ethnic studies; cognitive, developmental and social psychology; gay, lesbian bisexual, transgender and queer studies; history; literature; Queer Theory; Judaic and Middle Eastern studies; sociology, and women, gender, and sexuality studies. The Social Justice Studies transfer degree offers students the opportunity to prepare for rewarding work, such as with government agencies, colleges and universities, consulting firms, research institutes, corporations, domestic and international non-governmental or community or environmental organizations, human rights organizations, the United Nations, and international development organizations, or in journalism, writing, or social work. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. S. earn a grade of C (or P) or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

• Research theories on socialization and acculturation that inform identity and group affiliations, in various historical eras and global communities.
• Analyze specific manifestations of oppression such as regionalism, colorism, ableism, classism, etnocentrism, heterosexism, racism, sexism, and the systems, dynamics, and interpersonal as well as institutional power structures that keep these oppressions in place.
• Examine social, cultural, and historical contexts for movements such as civil, women's, disability, and LGBTQ rights as well as movements for several specific marginalized communities and peoples of color.
• Study social justice strategies such as dialogue across differences, alliance building, collaboration, and advocacy.
• Recognize, from various disciplinary perspectives, intersecting systems of oppression, the dynamics of power and privilege, and prejudice and discrimination.
• Engage in reading, discussing, and writing about theories and practices of social change, resistance and empowerment, social progress movements, and activism.
### Degrees and Certificates

#### Required Core (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SJST001</td>
<td>Introduction to Ethnic and Social Justice Studies</td>
<td>3</td>
</tr>
<tr>
<td>SOCI020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Select one: (3-4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGQS001</td>
<td>Introduction to Women's Studies</td>
<td>4</td>
</tr>
<tr>
<td>WGQS003</td>
<td>Introduction to Gender and Queer Studies</td>
<td>3</td>
</tr>
<tr>
<td>SOCI028</td>
<td>Sociology of Gender</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Any course from above not already used or one of the following: (3-5 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS001J</td>
<td>Survey of Non-Western Art: Africa, Oceania, and Indigenous North America</td>
<td>3</td>
</tr>
<tr>
<td>ARTS007</td>
<td>The Art of Asia</td>
<td>3</td>
</tr>
<tr>
<td>Only one:</td>
<td>ENGL012 History of the Native North Americans</td>
<td>3</td>
</tr>
<tr>
<td>Only one:</td>
<td>ENGL012H History of the Native North Americans Honors</td>
<td>3</td>
</tr>
<tr>
<td>Only one:</td>
<td>ENGL018 Asian American Literature</td>
<td>3</td>
</tr>
<tr>
<td>Only one:</td>
<td>ENGL018H Asian American Literature Honors</td>
<td>3</td>
</tr>
<tr>
<td>FRNC001A</td>
<td>Beginning French</td>
<td>5</td>
</tr>
<tr>
<td>HIST005B</td>
<td>World History from 1500</td>
<td>3</td>
</tr>
<tr>
<td>HUMN001B</td>
<td>Human Values in and from the Arts - the Renaissance to the Modern Age</td>
<td>3</td>
</tr>
<tr>
<td>JPN5001A</td>
<td>Beginning Japanese</td>
<td>5</td>
</tr>
<tr>
<td>PHIL001</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>Only one:</td>
<td>PSYC001 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Only one:</td>
<td>PSYC001H Honors General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SPAN001A</td>
<td>Beginning Spanish</td>
<td>5</td>
</tr>
</tbody>
</table>

#### LIST A: Select three courses from at least two of the following areas. Only one course from Area 4 may be used. (9-14 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area 1: History or Government</td>
<td>African American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST012</td>
<td>History of the Native North Americans</td>
<td>3</td>
</tr>
<tr>
<td>HIST014</td>
<td>Mexican-American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST016</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Area 2: Arts and Humanities</td>
<td>The Art of Asia</td>
<td>3</td>
</tr>
<tr>
<td>ARTS007</td>
<td>American Art: A Multicultural Approach</td>
<td>3</td>
</tr>
<tr>
<td>ARTS010</td>
<td>African-American Art History</td>
<td>3</td>
</tr>
<tr>
<td>ARTS013</td>
<td>Women in Art History</td>
<td>3</td>
</tr>
<tr>
<td>ARTS014</td>
<td>Women in the Arts: Multicultural Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>WGQS002</td>
<td>Introduction to Gender and Queer Studies</td>
<td>3</td>
</tr>
<tr>
<td>WGQS003</td>
<td>Women in World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>WGQS004A</td>
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</table>

#### Area 3: Social Science (0 units)

<table>
<thead>
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<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>Only one:</td>
<td>ANTH003 Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
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<td>Only one:</td>
<td>ANTH003H Honors Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>Course Number</td>
<td>Course Title</td>
<td>Units</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>ANTH003H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON001A</td>
<td>Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001AH</td>
<td>Honors Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON001B</td>
<td>Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001BH</td>
<td>Honors Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>GEOG002</td>
<td>Introduction to Cultural Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>POLI003</td>
<td>Introduction to Political Science</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC009</td>
<td>Psychology of Women: A Multicultural Perspective</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI028</td>
<td>Sociology of Gender</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH010</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010H</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC002</td>
<td>Experimental Psychophysiology</td>
<td>4 units</td>
</tr>
<tr>
<td>PSYC002H</td>
<td>Honors Experimental Psychophysiology</td>
<td>4 units</td>
</tr>
<tr>
<td>SOCI012</td>
<td>Introduction to Research Methods</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS001J</td>
<td>Survey of Non-Western Art: Africa, Oceania, and Indigenious North America</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS007</td>
<td>The Art of Asia</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL012</td>
<td>African American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL012H</td>
<td>Honors African American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL018</td>
<td>Asian American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL018H</td>
<td>Honors Asian American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST005B</td>
<td>World History from 1500</td>
<td>3 units</td>
</tr>
<tr>
<td>HUMN001B</td>
<td>Human Values in and from the Arts - the Renaissance to the Modern Age</td>
<td>3 units</td>
</tr>
<tr>
<td>JPN5001A</td>
<td>Beginning Japanese</td>
<td>5 units</td>
</tr>
<tr>
<td>FRNC001A</td>
<td>Beginning French</td>
<td>5 units</td>
</tr>
<tr>
<td>PHIL001</td>
<td>Introduction to Philosophy</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001H</td>
<td>Honors General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>SPAN001A</td>
<td>Beginning Spanish</td>
<td>5 units</td>
</tr>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>WQGS001</td>
<td>Introduction to Women's Studies</td>
<td>4 units</td>
</tr>
</tbody>
</table>

Total Major Units: 18-26 units
CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

**Sociology**

**SOCILOGY**

**Associate in Arts Degree**

A student obtaining an A.A. degree in Sociology will be able to demonstrate critical thinking, analytic problem solving, and communication skills. Students apply these skills to understand diverse communities and their interactions, social change, and/or use scientific methods to find empirical answers to complex social questions. The Sociology Program at West Valley College is primarily transfer oriented. It prepares students to enter 4-year Sociology or any Sociology-related program at the university level.
Program Learning Outcomes
Upon successful completion of this program a student will be able to:
• Evaluate social science research methodologies and/or apply empirical research to human behavior.
• Contrast the merits and limitations of various social science research methodologies with emphasis on the role of sampling and surveys in sociological research.
• Identify and distinguish various major theoretical perspectives within sociology and how these differ from other social science disciplines.
• Analyze the major dimensions of the diversity of human social experiences using scientific discourse.
• Distinguish the sociological perspective from the perspectives of other social sciences.
• Identify social factors that influence family structure and function.

Required Sociology Courses (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOCI002</td>
<td>Social Problems</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI002H</td>
<td>Honors Social Problems</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Sociology Courses (12 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI003</td>
<td>Social Psychology: A Sociological Perspective</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI012</td>
<td>Introduction to Research Methods</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI028</td>
<td>Sociology of Gender</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI040</td>
<td>Marriage and Family Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI045</td>
<td>Sociology of Human Sexuality</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Elective Courses (3-4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only one:</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH003</td>
<td>Honors Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ANTH003H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG002</td>
<td>Introduction to Cultural Geography</td>
<td>3 units</td>
</tr>
<tr>
<td>Only one:</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Only one:</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001</td>
<td>Honors General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Only one:</td>
<td>Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001A</td>
<td>Honors Principles of Macroeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001AH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Only one:</td>
<td>Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001B</td>
<td>Honors Principles of Microeconomics</td>
<td>4 units</td>
</tr>
<tr>
<td>ECON001BH</td>
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<td></td>
</tr>
</tbody>
</table>

Total Major Units: 21-22 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

SOCIOLOGY

Associate in Arts Degree for Transfer
The Associate in Arts in Sociology for Transfer is a 60 unit program which provides lower division education to students planning to transfer to a CSU and major in Sociology. Students completing the program will be able to analyze the major dimensions of the diversity of human social experiences using scientific discourse, identify and distinguish various major theoretical perspectives within sociology and how these differ from other social science disciplines, and evaluate social science research methodologies and apply empirical research to human behavior. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units. 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental
Degrees and Certificates

General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C or better in all courses required for the major or area of emphasis

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Specify and contrast the major theoretical perspectives within sociology.
- Recognize major dimensions of the diversity of human social experiences.
- Distinguish scientific from non-scientific discourse on human social behavior.
- Distinguish the sociological perspective from the perspectives of other social sciences.
- Contrast the merits and limitations of various social science research methodologies with emphasis on the role of sampling and surveys in sociological research.
- Analyze the major dimensions of the diversity of human social experiences using scientific discourse.
- Identify and distinguish various major theoretical perspectives within sociology and how these differ from other social science disciplines.
- Evaluate social science research methodologies and apply empirical research to human behavior.

Required Core Courses (10 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI001</td>
<td>Introduction to Sociology</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOCI002</td>
<td>Social Problems</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI002H</td>
<td>Honors Social Problems</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI012</td>
<td>Introduction to Research Methods</td>
<td>3 units</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH010</td>
<td>Elementary Statistics</td>
<td>4 units</td>
</tr>
<tr>
<td>MATH010H</td>
<td>Honors Elementary Statistics</td>
<td>4 units</td>
</tr>
</tbody>
</table>

List A: Any two of the following courses or any course not used above: 6 units (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI003</td>
<td>Social Psychology: A Sociological Perspective</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI028</td>
<td>Sociology of Gender</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI040</td>
<td>Marriage and Family Sociology</td>
<td>3 units</td>
</tr>
</tbody>
</table>

List B: Any one of the following courses or any course not used above: 3 units (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI045</td>
<td>Sociology of Human Sexuality</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 19 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

Spanish

SPANISH

Associate in Arts Degree

The Associate of Arts in Spanish (AA in Spanish) requires 20 units of major core courses, which provides students with a solid foundation in the Spanish language and the cultures of the Spanish-speaking world. The Associate of Arts in Spanish provides students with the necessary coursework to transfer to a four-year university where students will have the opportunity to complete a bachelor’s or graduate degree in Spanish. Depending on their entry level of Spanish, students can choose among the following courses: SPAN 1A, SPAN 1B, SPAN 2A, SPAN 2B, SPAN 3A, SPAN 3B. Each course is 5 units.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Explain aspects of diverse cultural and global awareness relevant to Spanish speaking countries.
- Speak and convey information with accuracy and pronunciation acceptable to native-speakers of the Spanish language.
- Communicate on common daily topics in Spanish.
- Customize the mode of communication appropriate to specific Spanish speaking audiences.
- Respond with written and spoken expressions of Spanish.

Required Core Courses (20 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN001A</td>
<td>Beginning Spanish</td>
<td>5 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN001A</td>
<td>Beginning Spanish</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN001B</td>
<td>Beginning Spanish</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN002A</td>
<td>Intermediate Spanish</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN002B</td>
<td>Intermediate Spanish</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN003A</td>
<td>Advanced Spanish Oral and Written Composition</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN003B</td>
<td>Advanced Spanish Oral and Written Composition</td>
<td>5 units</td>
</tr>
</tbody>
</table>

Total Major Units: 20 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

SPANISH

Associate in Arts Degree for Transfer

The Associate in Arts in Spanish for Transfer degree (AA-T in Spanish) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Spanish. Students must complete the following requirements:
- 60 semester or 90 quarter CSU-transferable units
- the California State University-General Education-Breadth pattern (CSU GE-Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern - a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district - obtainment of a minimum grade point average (GPA) of 2.0 - earn a grade of “C” (or “P”) or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Communicate at the respective level on common daily topics.
- Speak and convey information with accuracy and pronunciation acceptable to native-speakers of the language.
- Respond with written and spoken expressions of the target language according to the level of study.
- Explain aspects of diverse cultural and global awareness.
- Customize the mode of communication appropriate to the specific audience.
- Respond with written and spoken expressions in Spanish.
- Customize the mode of communication appropriate to specific Spanish speaking audiences.
- Explain aspects of diverse cultural and global awareness relevant to Spanish speaking countries.
- Communicate on common daily topics in Spanish.
- Speak and convey information with accuracy and pronunciation acceptable to native-speakers of the Spanish language.

Required Core Courses (20 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN001A</td>
<td>Beginning Spanish</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN001B</td>
<td>Beginning Spanish</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN002A</td>
<td>Intermediate Spanish</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN002B</td>
<td>Intermediate Spanish</td>
<td>5 units</td>
</tr>
</tbody>
</table>

List A: Select one (3-5 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN003A</td>
<td>Advanced Spanish Oral and Written Composition</td>
<td>5 units</td>
</tr>
<tr>
<td>SPAN003B</td>
<td>Advanced Spanish Oral and Written Composition</td>
<td>5 units</td>
</tr>
<tr>
<td>ENGL013</td>
<td>U.S. Latino Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST016</td>
<td>Mexican-American History</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 23-25 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

Theater Arts

FILM STUDIES

Associate in Arts Degree

The Associate of Arts in Film Studies is designed to prepare students to transfer to a baccalaureate program in film studies or film/video production. It covers a broad base of film and theater fundamentals in both lecture and production-style learning environments.
Program Learning Outcomes

Upon successful completion of this program a student will be able to:
- Distinguish film and theatre styles and historical periods.
- Identify production components.
- Apply film and theatre terminology and language.
- Demonstrate communication skills.
- Demonstrate mechanical production skills.
- Apply film and theater terminology and language.
- Demonstrate mechanical production skills.
- Distinguish film and theater styles and historical periods.
- Identify production components.

Required Core Courses (21 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA005A</td>
<td>Introduction to Film/Video Production</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA006A</td>
<td>Writing for Film and Television</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA007A</td>
<td>Acting for Film and Television</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA014A</td>
<td>Survey of Film: Horror and Science Fiction</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA014B</td>
<td>Survey of Film: Westerns and Musicals</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA014C</td>
<td>Survey of Film: Gangster and Detective Films</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA015</td>
<td>Introduction to Film Studies</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Elective Courses: List A. (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA010</td>
<td>Introduction to Theater</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA011A</td>
<td>Script Analysis: Classical</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA012</td>
<td>Survey of Musical Theater</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA014D</td>
<td>Survey of Film: Superhero Cinema</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA014E</td>
<td>Survey of Film: The Star Wars Trilogies</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA016</td>
<td>American Cinema</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA019A</td>
<td>Visual Spectacle: Practical Effects and Motion Graphics for Cinema</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Elective Courses: List B (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS004</td>
<td>Art Appreciation</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA002A</td>
<td>Introduction to Theatrical Design</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA040A</td>
<td>Acting One</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA044A</td>
<td>Makeup for Stage &amp; Screen</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA047A</td>
<td>Fundamentals of Costume Design</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA005B</td>
<td>Film/Video Production</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA006B</td>
<td>Writing for Film and Television II</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA007B</td>
<td>Acting/Directing for Film and Television</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL041</td>
<td>Literature and Film</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 27 units

To be awarded an Associate Degree, a student must:
1. Achieve a grade of "C" or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.
**Associate in Science Degree for Transfer**

The Associate in Science in Film, Television, and Electronic Media for Transfer is a 60 unit program which provides students the lower division coursework required for transfer to a four year institution for the major in Radio-Television-Film, Television-Film, Television, Video, Film, and Electronic Arts. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units 2. the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. obtainment of a minimum grade point average (GPA) of 2.0. 5. earn a grade of C or better in all courses required for the major or area of emphasis.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:
- Prepare and develop a short treatment and screenplay for a narrative film
- Demonstrate both the technical and aesthetic aspects of film and digital cinema production and demonstrate knowledge of basic production techniques
- Demonstrate an understanding of audio used in studio and on-location production for radio, television and film
- Analyze cinema as a literary form and cinema as entertainment by comparing film genres and cinematic techniques
- Create and edit a short film which requires the organization of a work schedule, an analysis of raw footage, and a digital editing plan
- Demonstrate knowledge of Film/TV production best practices, professional behavior and accountability

**Required Core (6 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA006A</td>
<td>Writing for Film and Television</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA015</td>
<td>Introduction to Film Studies</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**List A (6 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC065A</td>
<td>Recording Arts I</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA005A</td>
<td>Introduction to Film/Video Production</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**List B (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA005B</td>
<td>Film/Video Production II</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**List C (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA004</td>
<td>Digital Video Editing</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA007A</td>
<td>Acting for Film and Television</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA007B</td>
<td>Acting/Directing for Film and Television</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA014A</td>
<td>Survey of Film: Horror and Science Fiction</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA014B</td>
<td>Survey of Film: Westerns and Musicals</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA014C</td>
<td>Survey of Film: Gangster and Detective Films</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA014D</td>
<td>Survey of Film: Superhero Cinema</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA014E</td>
<td>Survey of Film: The Star Wars Trilogies</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA016</td>
<td>American Cinema</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA019A</td>
<td>Visual Spectacle: Practical Effects and Motion Graphics for Cinema</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 18 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

**MUSICAL THEATER: THEATER FOCUS**

**Certificate of Achievement**

The Certificate of Achievement in Musical Theater with Theater focus is a 44-unit CTE program that will prepare students for careers in the musical theater industry. The purpose of the certificate is to prepare students to succeed in auditions for regional and national shows. Students must complete the program earning a grade of C or better in all required courses. Careers in musical theater include: A. Musical Theater Actor, Singer, Dancer B. Floor Shows (Hotels, casinos, clubs) C. Band Member (Vocalist) D. Broadway, Off-Broadway, Touring Shows: National, Regional, Local E. Voice Over F. Productions, Concerts: performer G. Music Director (Musical Theater) H. Community musical theater director I. Musical Theater Teacher: Community School; Parks & Rec Program
Program Learning Outcomes

Upon successful completion of this program a student will be able to:
• Creatively solve problems
• Demonstrate acting, singing, and dancing proficiency suitable for a musical theater audition
• Develop and demonstrate informed artistic choices in performance
• Perform standard musical theater repertoire, solo and ensemble, at a collegiate level
• Demonstrate collaboration and team building skills
• Analyze musical theater literature
• Apply musical theater, music, dance and acting terminology and language to critiques of musical theater performances
• Read music notation with a proficiency level suitable to learn new music quickly

Theater: Technique and Production (23 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA011A</td>
<td>Script Analysis: Classical</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA012</td>
<td>Survey of Musical Theater</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA021A</td>
<td>Practical Theater (Scene &amp; Stage) I</td>
<td>1 unit</td>
</tr>
<tr>
<td>THEA022A</td>
<td>Practical Theater (Costume &amp; Makeup) I</td>
<td>1 unit</td>
</tr>
<tr>
<td>THEA035A</td>
<td>Voice Production and Articulation</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA040A</td>
<td>Acting One</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA040B</td>
<td>Acting Two</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA070A</td>
<td>Mainstage Theater Production Workshop: American Representational</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA070D</td>
<td>Mainstage Theater Production Workshop: Musical and Children's Theater</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Music: Theory & Musicianship. Based on entry placement audition, take MUSC 003A or MUSC 005. (9 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUSC003A</td>
<td>Music Theory Level 1</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC005</td>
<td>Fundamentals of Music</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC020A</td>
<td>Musicianship Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC020B</td>
<td>Musicianship Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>Select one:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUSC030A</td>
<td>Beginning Piano, Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC030B</td>
<td>Beginning Piano, Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC031A</td>
<td>Intermediate Piano Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC031B</td>
<td>Intermediate Piano Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC070</td>
<td>Music Business</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Music: Voice Instruction. Complete a total of four semesters of voice instruction. (4 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Take 2-3 semesters of class voice; placement based on program entry audition.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUSC032A</td>
<td>Beginning Voice, Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC032B</td>
<td>Beginning Voice, Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC033A</td>
<td>Intermediate Voice, Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC033B</td>
<td>Intermediate Voice, Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>Complete 1-2 semesters, based on Applied Music entry audition.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUSC039G</td>
<td>Applied Music: Voice</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

Music: Ensemble. Complete 2 semesters of MUSC 042 concurrent with enrollment in MUSC 039G or beginning in the third semester of the program, whichever comes first. (2 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC042</td>
<td>Concert Choir</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC042</td>
<td>Concert Choir</td>
<td>1 unit</td>
</tr>
</tbody>
</table>
Degrees and Certificates

Dance: Ballet, Tap, Jazz or Modern. Placement in each genre will be based upon entry audition. (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC001</td>
<td>Ballet: Beginning Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC002</td>
<td>Ballet: Beginning Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC003</td>
<td>Ballet: Intermediate Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC004</td>
<td>Ballet: Advanced Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC031</td>
<td>Tap for Musical Theatre: Beginning Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC032</td>
<td>Tap for Musical Theatre: Beginning Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC033</td>
<td>Tap for Musical Theatre: Intermediate Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC034</td>
<td>Tap for Musical Theatre: Advanced Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC011</td>
<td>Jazz Dance: Beginning Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC012</td>
<td>Jazz Dance: Beginning Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC013</td>
<td>Jazz Dance: Intermediate Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC014</td>
<td>Jazz Dance: Advanced Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC021</td>
<td>Modern Dance: Beginning Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC022</td>
<td>Modern Dance: Beginning Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC023</td>
<td>Modern Dance: Intermediate Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC024</td>
<td>Modern Dance: Advanced Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC003</td>
<td>Ballet: Intermediate Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC004</td>
<td>Ballet: Advanced Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC013</td>
<td>Jazz Dance: Intermediate Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC014</td>
<td>Jazz Dance: Advanced Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC023</td>
<td>Modern Dance: Intermediate Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC024</td>
<td>Modern Dance: Advanced Level 4</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC033</td>
<td>Tap for Musical Theatre: Intermediate Level 3</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANC034</td>
<td>Tap for Musical Theatre: Advanced Level 4</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

Total Certificate Units: 44 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

THEATER ARTS

Associate in Arts Degree for Transfer

The Associate in Arts in Theater Arts for Transfer degree (AA-T in Theater Arts) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Theater Arts or Drama. Students must complete the following requirements: 1. 60 semester or 90 quarter CSU-transferable units. 2. The California State University- General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. 3. A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. 4. Obtainment of a minimum grade point average (GPA) of 2.0. 5. Earn a grade of “C” (or “P”) or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Apply theater terminology and language
- Demonstrate collaboration and team-building skills; creatively solve problems; demonstrate communication skills; create and demonstrate informed and personal artistic choices.
- Analyze theatrical literature
- Identify production components
- Distinguish theater styles and historical periods
- Demonstrate collaboration and team-building skills
- Creatively solve problems
- Demonstrate communication skills
- Demonstrate informed and personal artistic choices in coursework and productions

Required Core (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA010</td>
<td>Introduction to Theater</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA010H</td>
<td>Honors Introduction to Theater</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA040A</td>
<td>Acting One</td>
<td>3 units</td>
</tr>
</tbody>
</table>
**Select (3 units maximum) (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA070A</td>
<td>Mainstage Theater Production Workshop: American Representational</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA070B</td>
<td>Mainstage Theater Production Workshop: Modern &amp; Contemporary</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA070C</td>
<td>Mainstage Theater Production Workshop: Classical Greek and European</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA070D</td>
<td>Mainstage Theater Production Workshop: Musical and Children's Theater</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA020A</td>
<td>Studio Theater Production Workshop: American Representational</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA020B</td>
<td>Studio Theater Production Workshop: Modern/Contemporary</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA020C</td>
<td>Studio Theater Production Workshop: Classical Greek &amp; European</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA020D</td>
<td>Studio Theater Workshop: Musical and Children's Theater</td>
<td>3 units</td>
</tr>
<tr>
<td><strong>Both THEA 021A and THEA 021B</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>THEA021A</strong></td>
<td>Practical Theater (Scene &amp; Stage) I</td>
<td>1 unit</td>
</tr>
<tr>
<td><strong>THEA021B</strong></td>
<td>Practical Theater (Scene &amp; Stage) II</td>
<td>2 units</td>
</tr>
</tbody>
</table>

**List A: Select three (9 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA002A</td>
<td>Introduction to Theatrical Design</td>
<td>3 units</td>
</tr>
<tr>
<td><strong>Only one:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>THEA011A</td>
<td>Script Analysis: Classical</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA011B</td>
<td>Script Analysis: Modern Realism</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA011C</td>
<td>Script Analysis: Contemporary/Absurdist</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA018A</td>
<td>Introduction to Stage Lighting</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA040B</td>
<td>Acting Two</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA044A</td>
<td>Makeup for Stage &amp; Screen</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA045B</td>
<td>Stagecraft</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA047A</td>
<td>Fundamentals of Costume Design</td>
<td>3 units</td>
</tr>
</tbody>
</table>

**Select from the following REQUIRED CORE courses not already used (3 units maximum) (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA070A</td>
<td>Mainstage Theater Production Workshop: American Representational</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA070B</td>
<td>Mainstage Theater Production Workshop: Modern &amp; Contemporary</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA070C</td>
<td>Mainstage Theater Production Workshop: Classical Greek and European</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA070D</td>
<td>Mainstage Theater Production Workshop: Musical and Children's Theater</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA020A</td>
<td>Studio Theater Production Workshop: American Representational</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA020B</td>
<td>Studio Theater Production Workshop: Modern/Contemporary</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA020C</td>
<td>Studio Theater Production Workshop: Classical Greek &amp; European</td>
<td>3 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA020D</td>
<td>Studio Theater Workshop: Musical and Children's Theater</td>
<td>3 units</td>
</tr>
<tr>
<td>Both THEA 021A and THEA 021B</td>
<td>Practical Theater (Scene &amp; Stage) I</td>
<td>1 unit</td>
</tr>
<tr>
<td>THEA021B</td>
<td>Practical Theater (Scene &amp; Stage) II</td>
<td>2 units</td>
</tr>
</tbody>
</table>

Total Major Units: 18 units

CSU transferable electives courses are required when the major units plus transfer GE units total is less than 60.

#### THEATER ARTS: STAGE TECHNOLOGY

**Certificate of Achievement**

The Theater Arts: Stage Technology Certificate of Achievement is a Career Technical Education certificate designed to train and prepare students to enter the technical theater and live performance sectors of the entertainment industry. Stage Technology includes courses in Technical Theater, Theatrical Performance, Theatrical Design, and Commercial Music. The Theater Arts: Stage Technology Certificate of Achievement requires the successful completion of 6 courses for a total of 16 units. Potential careers specific to these skills include but are not limited to: Rigger, Set & Exhibit Designer, Lighting Technician, and Theatrical Sound Engineer.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Demonstrate collaboration and team-building skills
- Compile a sound library and select the proper cues during a live performance
- Demonstrate appropriate use and care of hand tools, major power tools and lighting instruments
- Choose the correct rigging for the flying of people or scenery
- Evaluate and analyze the use of tools and painting techniques for the construction and rigging of a show
- Participate in the hanging, circuiting, focusing, and operation of theatrical lighting equipment

**Core Courses (16 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA002A</td>
<td>Introduction to Theatrical Design</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA018A</td>
<td>Introduction to Stage Lighting</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA021A</td>
<td>Practical Theater (Scene &amp; Stage) I</td>
<td>1 unit</td>
</tr>
<tr>
<td>THEA045B</td>
<td>Stagecraft</td>
<td>3 units</td>
</tr>
<tr>
<td>MUSC064</td>
<td>Sound Design</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Select one:

- THEA020A
- THEA020B
- THEA020C
- THEA020D

Studio Theater Production Workshop: American Representational
Studio Theater Production Workshop: Modern/Contemporary
Studio Theater Production Workshop: Classical Greek & European
Studio Theater Workshop: Musical and Children's Theater

3 units

Total Certificate Units: 16 units

To be awarded a certificate, a student must:

1. Complete all the major requirements.
2. Earn a grade of "C" or better for all required courses.

#### THEATRE ARTS: ACTING

**Associate in Arts Degree**

The Associate of Arts in Theatre Arts, Acting Emphasis is a comprehensive program designed to prepare students to transfer to a baccalaureate program (BFA or BA) in acting or theatre arts or work as professional actors. It covers theatrical, television, and improvisational styles in both the classroom and on the live stage. Courses required in the Associate of Arts in Theater, Acting Emphasis lay a foundation for success in upper division theater coursework and include a comprehensive series of acting courses in addition to hands-on performance and backstage experience, vocal training as well as classical and modern dance.

**Program Learning Outcomes**

Upon successful completion of this program a student will be able to:

- Demonstrate collaboration and team-building skills.
- Demonstrate communication skills.
- Distinguish film and theatre styles and historical periods.
- Identify production components.
- Apply film and theatre terminology and language.
- Analyze literature
- Creatively solve problems.
- Create and demonstrate informed and personal artistic choices in coursework and productions.
### Required Core Courses (21 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA007A</td>
<td>Acting for Film and Television</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA010</td>
<td>Introduction to Theater</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA011A</td>
<td>Script Analysis: Classical</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA035A</td>
<td>Voice Production and Articulation</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA040A</td>
<td>Acting One</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA040B</td>
<td>Acting Two</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA040C</td>
<td>Acting Three</td>
<td>3 units</td>
</tr>
</tbody>
</table>

### Elective Courses: List A (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA020A</td>
<td>Studio Theater Production Workshop: American Representational</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA020B</td>
<td>Studio Theater Production Workshop: Modern/ Contemporary</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA020C</td>
<td>Studio Theater Production Workshop: Classical Greek &amp; European</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA020D</td>
<td>Studio Theater Workshop: Musical and Children's Theater</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA070A</td>
<td>Mainstage Theater Production Workshop: American Representational</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA070B</td>
<td>Mainstage Theater Production Workshop: Modern &amp; Contemporary</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA070C</td>
<td>Mainstage Theater Production Workshop: Classical Greek and European</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA070D</td>
<td>Mainstage Theater Production Workshop: Musical and Children's Theater</td>
<td>3 units</td>
</tr>
</tbody>
</table>

### Elective Courses: List B (1 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA021A</td>
<td>Practical Theater (Scene &amp; Stage) I</td>
<td>1 unit</td>
</tr>
<tr>
<td>THEA022A</td>
<td>Practical Theater (Costume &amp; Makeup) I</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

### Elective Courses: List C (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANCO01</td>
<td>Ballet: Beginning Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANCO02</td>
<td>Ballet: Beginning Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANCO11</td>
<td>Jazz Dance: Beginning Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>DANCO12</td>
<td>Jazz Dance: Beginning Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>KINS11.01</td>
<td>Yoga for Health</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC032A</td>
<td>Beginning Voice, Level 1</td>
<td>1 unit</td>
</tr>
<tr>
<td>MUSC032B</td>
<td>Beginning Voice, Level 2</td>
<td>1 unit</td>
</tr>
<tr>
<td>THEA002A</td>
<td>Introduction to Theatrical Design</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA007B</td>
<td>Acting/Directing for Film and Television</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA012</td>
<td>Survey of Musical Theater</td>
<td>3 units</td>
</tr>
</tbody>
</table>
Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA013</td>
<td>Multicultural Theater</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA021B</td>
<td>Practical Theater (Scene &amp; Stage) II</td>
<td>2 units</td>
</tr>
<tr>
<td>THEA022B</td>
<td>Practical Theater (Costume &amp; Makeup) II</td>
<td>2 units</td>
</tr>
<tr>
<td>THEA026A</td>
<td>Improvisational Theatre Workshop</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA033A</td>
<td>Stage Movement</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA033B</td>
<td>Stage Combat</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA044A</td>
<td>Makeup for Stage &amp; Screen</td>
<td>3 units</td>
</tr>
<tr>
<td>THEA047A</td>
<td>Fundamentals of Costume Design</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Total Major Units: 28 units

To be awarded an Associate Degree, a student must:

1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor's degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.

Transfer Studies

TRANSFER STUDIES-CSU GE-B

Certificate of Achievement

This certificate is designed for students planning to transfer to the California State University (CSU) System. Students have the opportunity to learn the basic principles of natural sciences, social and behavioral sciences, the humanities, and fine arts. Students completing this certificate will demonstrate knowledge of the basic principles of these academic disciplines, their methods of inquiry, their history and impact on society, and their relationships to each other. It offers students a program of study which meets the CSU General Education requirements. Although the certificate recognizes the completion of lower division CSU general education requirements, it does not guarantee admission to a specific campus within the CSU system nor does it guarantee admission to a specific major. Some majors and colleges may require a different lower division preparation and/or a higher GPA than is necessary for this certificate. Students who intend to transfer must meet all current CSU transfer requirements including minimum GPA and eligibility for certification. Students are strongly advised to meet with a counselor to discuss transfer requirements and lower division major preparation that is needed for their intended transfer school.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Critically examine the function, media, subject matter, organization, aesthetic, style, and relative excellence of representative examples of the arts, literature, philosophy, and foreign languages including approaches from various historical, cultural, and gender-based origins.
- Analyze the interaction between social, political, and economic systems from a global perspective to effectively live and work in diverse communities.
- Explain and demonstrate ideas and concepts through verbal and nonverbal expression through written and oral communication.
- Critically analyze and solve problems using quantitative and qualitative techniques including appropriate use of logic, mathematics, multi-disciplinary, and cultural considerations where applicable.

Area A1: Oral Communication (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Select one course from Area A1

Area A2: Written Communication (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

Select one course from Area A2

Area A3: Critical Thinking (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
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</tbody>
</table>

Select one course from Area A3

Area B1: Physical Sciences (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

Select One Course of at Least 3 units from Area B1
Area B2: Life Sciences (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select One Course of at Least 3 Units from Area B2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Area B3: Laboratory Course From B1 or B2: Laboratory Activity (0 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select One Laboratory Course From B1 or B2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Area B4: Mathematics/Quantitative Reasoning (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select One Course of at Least 3 Units from Area B4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Area C1: Arts (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 3 Units from Area C1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Area C2: Humanities (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 3 Units from Area C2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Area C1 or C2: Arts or Humanities (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 3 Units from Either Area C1 or C2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Area D: Social Sciences (6 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 6 Units from Area D</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Area E: Lifelong Learning and Self-Development (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 3 Units from Area E</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Area F: Ethnic Studies (3 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 3 Units from Area F</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Certificate Units: 39 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.

TRANSFER STUDIES-IGETC

Certificate of Achievement

This certificate is designed for students planning to transfer to either the University of California (UC) or the California State University (CSU) System. Students have the opportunity to learn the basic principles of natural sciences, social and behavioral sciences, the humanities, and fine arts. Students completing this certificate should understand the basic principles of these academic disciplines, their methods of inquiry, their history and impact on society, and their relationships to each other. The certificate offers students a program of study which meets IGETC requirements. Although the certificate recognizes the completion of lower division IGETC requirements, it does not guarantee admission to a specific campus or school within the UC or CSU systems, nor does it guarantee admission to a specific major. Some majors and colleges may require a different lower division preparation and/or a higher GPA than is necessary for this certificate. Students who intend to transfer must meet all current IGETC transfer requirements including minimum GPA and eligibility for certification.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:
• Critically examine the function, media, subject matter, organization, aesthetic, style, and relative excellence of representative examples of the arts, literature, philosophy, and foreign languages including approaches from various historical, cultural, and gender-based origins.
Degrees and Certificates

- Critically analyze and solve problems using quantitative and qualitative techniques including appropriate use of logic, mathematics, multi-disciplinary, and cultural considerations where applicable.
- Explain and demonstrate ideas and concepts through verbal and nonverbal expression through written and oral communication.
- Analyze the interaction between social, political, and economic systems from a global perspective to effectively live and work in diverse communities.

**Area 1A: English Communication (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select 3 units from Area 1A - English Composition</td>
<td></td>
</tr>
</tbody>
</table>

**Area 1B: Critical Thinking/English Composition (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select 3 units from Area 1B - Critical Thinking/English Composition</td>
<td></td>
</tr>
</tbody>
</table>

**Area 1C: Oral Communication (CSU requirement only) (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select 3 units from Area 1C - Oral Communication (CSU requirement only)</td>
<td></td>
</tr>
</tbody>
</table>

**Area 2: Mathematical Concepts and Quantitative Reasoning (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select one course of at least 3 units from Area 2 - Mathematical Concepts and Quantitative Reasoning</td>
<td></td>
</tr>
</tbody>
</table>

**Area 3A: Arts (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select one course of at least 3 units from Area 3A - Arts</td>
<td></td>
</tr>
</tbody>
</table>

**Area 3B: Humanities (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select one course of at least 3 units from Area 3B - Humanities</td>
<td></td>
</tr>
</tbody>
</table>

**Area 3A: Arts or Area 3B: Humanities (3 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select one course of at least 3 units from either Area 3A or 3B</td>
<td></td>
</tr>
</tbody>
</table>

**Area 4: Social and Behavioral Science - Select three courses from at least two disciplines (9 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select three courses from at least two disciplines for at least 9 units from Area 4 - Social and Behavioral Science</td>
<td></td>
</tr>
</tbody>
</table>

**Area 5A: Physical Sciences (4-5 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select one course from Area 5A - Physical Sciences</td>
<td></td>
</tr>
</tbody>
</table>

**Area 5B: Biological Sciences (3-4 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select one course from Area 5B - Biological Sciences</td>
<td></td>
</tr>
</tbody>
</table>

**Area 6: Language Other Than English. Proficiency equivalent to 2 years of high school study in the same language with a grade “C” or better, or complete a course. (UC requirement only) (0 units)**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Area 6 - Proficiency equivalent to 2 years of high school study in the same language with a grade “C” or better, or complete a course</td>
<td></td>
</tr>
</tbody>
</table>

Total Certificate Units: 37-39 units

To be awarded a certificate, a student must:
1. Complete all the major requirements.
2. Earn a grade of “C” or better for all required courses.
Women, Gender, and Queer Studies

WOMEN, GENDER AND QUEER STUDIES

Associate in Arts Degree

The Women, Gender and Queer Studies Associate in Arts degree, which requires 22 units in the major, offers students an interdisciplinary, social justice approach to examining the complex ways that gender informs identity, with an emphasis on the intersection of gender with other identity markers such as race, class, sexuality, ability, ethnicity, nation, and religion, in cultures around the world. A field at the forefront of multicultural and transnational scholarship, Women, Gender and Queer Studies is dynamic and constantly evolving. In WGQS core courses, students have the opportunity to study the history of women in various world cultures through the millennia, as well as historical changes in Western culture forged by the suffrage, civil rights, gay liberation, and labor movements of the 19th and 20th centuries. Students also have the opportunity to examine contemporary social justice movements and activism in their local communities and around the globe on topics ranging from voting rights to representation in government, from sex work to human trafficking, and from the wage and education gaps to the division of labor. Drawing on concepts from Global Feminist Studies and Queer Theory, WGQS courses prepare students to analyze gender and sexuality as social constructs both performative and fluid; to think critically about power dynamics based on race, gender, sexuality, social class, ability, and nation; and to develop global perspectives on inequality, development, and human rights issues. The A.A. degree in Women, Gender and Queer Studies also prepares students to contribute to dialogue on issues of fairness and justice locally, nationally, and globally. The WGQS AA program of study offers lower division courses that help students prepare for transfer to four-year institutions where students have opportunities to engage in advanced scholarship in the vibrant, expanding fields of Social Justice, Gender, Ethnic, and Global Studies leading to careers in professional fields such as humanities, law, education, psychology, administration of justice, and social work; for positions in government agencies and non-governmental organizations focused on human rights and social justice. Career Options: 1. Education 2. Social Justice Studies 3. Civil Service 4. Social Work 5. Business 6. Psychology 7. Sociology 8. Law 9. Ethnic Studies 10. Management 11. Marketing Communications 12. Politics 13. Public Relations 14. Research 15. Teaching 16. Technical Communications 17. Writing Note: Some career options require more than two years of college study.

Program Learning Outcomes

Upon successful completion of this program a student will be able to:

- Examine women’s access to political, social, and economic power throughout history and across cultures.
- Analyze gender roles using intersectional analysis, via lenses of race, ethnicity, sex identity, gender, sexuality, social class, and ability, in various cultural and historical contexts.
- Compare the social construction of gender, race, class, sexuality, and disabilities in different cultures and historical periods; analyze the intersection of these social constructs in the lives of women, men, and gender variant individuals in different global societies.
- Analyze and critique gender images in literature, visual and performing arts, media, and popular culture.
- Describe gender and sexuality as existing on a continuum rather than as static identities, using historical, psychological, sociological, and semantical language analysis as evidence.
- Analyze cultural attitudes about sexuality using intersectional, feminist, and historical perspectives.
- Participate in dialogue about fairness and justice in matters related to sex identity, gender, race, ethnicity, class, sexuality, ability, culture and religion.
- Examine women’s access to political, social, and economic power throughout history and across cultures.
- Analyze gender roles using intersectional analysis, via lenses of race, ethnicity, sex identity, gender, sexuality, social class, and ability, in various cultural and historical contexts.
- Compare the social construction of gender, race, class, sexuality, and disabilities in different cultures and historical periods; analyze the intersection of these social constructs in the lives of women, men, and gender variant individuals in different global societies.
- Describe gender and sexuality as existing on a continuum rather than as static identities, using historical, psychological, sociological, and semantical language analysis as evidence.
- Analyze cultural attitudes about sexuality using intersectional, feminist, and historical perspectives.
- Analyze and critique the social construction of sexuality and gender categories such as man, woman, non-binary, lesbian, gay, straight, bisexual, trans, and queer.
- Analyze and critique gender images in literature, visual and performing arts, media, and popular culture.
- Participate in dialogue about fairness and justice in matters related to sex identity, gender, race, ethnicity, class, sexuality, ability, culture and religion.
- Examine women’s access to political, social, and economic power throughout history and across cultures.
- Analyze gender roles using intersectional analysis, via lenses of race, ethnicity, sex identity, gender, sexuality, social class, and ability, in various cultural and historical contexts.
- Compare the social construction of gender, race, class, sexuality, and disabilities in different cultures and historical periods; analyze the intersection of these social constructs in the lives of women, men, and gender variant individuals in different global societies.
- Describe gender and sexuality as existing on a continuum rather than as static identities, using historical, psychological, sociological, and semantical language analysis as evidence.
- Analyze cultural attitudes about sexuality using intersectional, feminist, and historical perspectives.
- Analyze and critique the social construction of sexuality and gender categories such as man, woman, non-binary, lesbian, gay, straight, bisexual, trans, and queer.
- Analyze and critique gender images in literature, visual and performing arts, media, and popular culture.
- Participate in dialogue about fairness and justice in matters related to sex identity, gender, race, ethnicity, class, sexuality, ability, culture and religion.

Required Core Courses (13 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGQS001</td>
<td>Introduction to Women's Studies</td>
<td>4 units</td>
</tr>
<tr>
<td>WGQS002</td>
<td>Women in the Arts: Multicultural Perspectives</td>
<td>3 units</td>
</tr>
<tr>
<td>WGQS003</td>
<td>Introduction to Gender and Queer Studies</td>
<td>3 units</td>
</tr>
<tr>
<td>WGQS004A</td>
<td>Women in World Cultures</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Electives (9 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH003/ANTH003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 units</td>
</tr>
<tr>
<td>ARTS014</td>
<td>Women in Art History</td>
<td>3 units</td>
</tr>
<tr>
<td>BIOL055</td>
<td>Biology of Sex</td>
<td>3 units</td>
</tr>
<tr>
<td>CHST005</td>
<td>Diversity - Childhood and Culture</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001A</td>
<td>English Composition</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001B</td>
<td>Critical Thinking Through Literature</td>
<td>3 units</td>
</tr>
</tbody>
</table>
### Degrees and Certificates

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL001C</td>
<td>Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL001CH</td>
<td>Honors Critical Thinking and Writing</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL012</td>
<td>African American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL012H</td>
<td>Honors African American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL013</td>
<td>U.S. Latino Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL013H</td>
<td>Honors U.S. Latino Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL018</td>
<td>Asian American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL018H</td>
<td>Honors Asian American Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL041</td>
<td>Literature and Film</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL041H</td>
<td>Honors Literature and Film</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL043</td>
<td>Classical Mythology</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL043H</td>
<td>Honors Classical Mythology</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL046</td>
<td>Contemporary American Multi-Cultural Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL046H</td>
<td>Honors Contemporary American Multi-Cultural Literature</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL049</td>
<td>Modern Fiction</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL049H</td>
<td>Honors Modern Fiction</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST012</td>
<td>African American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST014</td>
<td>History of the Native North Americans</td>
<td>3 units</td>
</tr>
<tr>
<td>HIST016</td>
<td>Mexican-American History</td>
<td>3 units</td>
</tr>
<tr>
<td>HSCI010</td>
<td>Human Sexuality</td>
<td>3 units</td>
</tr>
<tr>
<td>KINT033</td>
<td>Women in Sports</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC001</td>
<td>General Psychology</td>
<td>3 units</td>
</tr>
<tr>
<td>PSYC009</td>
<td>Psychology of Women: A Multicultural Perspective</td>
<td>3 units</td>
</tr>
<tr>
<td>SJST001</td>
<td>Introduction to Ethnic and Social Justice Studies</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI002</td>
<td>Social Problems</td>
<td>3 units</td>
</tr>
<tr>
<td>SOCI028</td>
<td>Sociology of Gender</td>
<td>3 units</td>
</tr>
</tbody>
</table>

Complete other English courses identified in the Schedule of Classes as having a Women's Studies, Gender Studies, or Queer Studies emphasis. Students should consult with the Chair of WGQS to determine which courses qualify in a given semester.

**Total Major Units:** 22 units

**To be awarded an Associate Degree, a student must:**

1. Achieve a grade of “C” or better in the major requirements.
2. Completion of WVC, CSU-Breadth, or IGETC General Education patterns. Students whose goal is to obtain a bachelor’s degree should complete the CSU-Breadth or IGETC General Education pattern.
3. Complete additional degree applicable units to meet the minimum 60-unit Associate Degree requirements.
# COURSES

## ACCOUNTING

### ACCT 010: Financial Accounting

This course introduces the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. The course covers the accounting information system, including recording and reporting of business transactions, with a focus on the accounting cycle, financial statements, statement analysis, and the application of generally accepted accounting principles. It also includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics.

**Letter Grade**

**Units:** 5

**Lecture Hours:** 80 – 90, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**C-ID:** ACCT 110 - Financial Accounting

### ACCT 011: Managerial Accounting

This course introduces how managers use accounting information in decision-making, planning, directing operations, and controlling. This class focuses on cost terms and concepts, cost behavior, cost systems, cost control, cost-volume-profit planning, and performance analysis in manufacturing and service environments. Course material addresses questions about the ethical issues in a managerial accounting environment.

**Letter Grade**

**Units:** 5

**Lecture Hours:** 80 – 90, **Lab Hours:** 0

**Prerequisites:** ACCT 010

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**C-ID:** ACCT 120 - Managerial Accounting

### ACCT 050: Accounting for Small Business

This course is designed as a non-theoretical, practical approach to accounting with special emphasis on accounting for small service-oriented business entities. The course introduces students to the basic bookkeeping cycle, change fund and petty cash accounting, preparing bank reconciliations, and basic payroll accounting.

**Letter Grade, Pass/No Pass**

**Units:** 1

**Lecture Hours:** 16 – 18, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Not transferable

### ACCT 060: Accounting Fundamentals: Quickbooks

This course is designed for students with prior accounting knowledge. The course covers the steps in the accounting process for a service and merchandising organization. Using the QuickBooks computerized accounting software package, students have an opportunity to learn practices for handling receivable, payable, and basic payroll transactions.

**Pass/No Pass, Letter Grade**

**Units:** 4

**Lecture Hours:** 64 – 72, **Lab Hours:** 0

**Prerequisites:** ACCT 010 or ACCT 050

**Co-Requisites:** None

**Advisory:** None

Additional Requisite Information:

Recommended Preparation: Equivalent accounting experience

Transferable to CSU only

**C-ID:** ACCT 100 - Accounting Fundamentals: Quickbooks

## ADMINISTRATION OF JUSTICE

### ADMJ 001: Introduction to Administration of Justice

This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, components of the system, and current challenges to the system. The course examines the evolution of the principles and approaches utilized by the justice system and the evolving forces which have shaped those principles and approaches. Although justice structure and process is examined in a cross-cultural context, emphasis is placed on the US justice system, particularly the structure and function of US police, courts, and corrections. Students are introduced to the origins and development of criminal law, legal process, and sentencing and incarceration policies.

**Letter Grade**

**Units:** 3

**Lecture Hours:** 48 – 54, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** D. Social Sciences; D1 - Social and Behavioral Sciences

**CSU GE:** Area D - Social Sciences

**C-ID:** AJ 110 - Introduction to Criminal Justice

### ADMJ 002: Concepts of Criminal Law

This course offers an analysis of the doctrines of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case law and case studies to introduce students to criminal law. The course also includes some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crimes.

**Letter Grade**

**Units:** 3

**Lecture Hours:** 48 – 54, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**C-ID:** AJ 120 - Concepts of Criminal Law

**WVC GE:** D. Social Sciences; D1 - Social and Behavioral Sciences

**CSU GE:** Area D - Social Sciences

**C-ID:** AJ 110 - Introduction to Criminal Justice

**C-ID:** AJ 120 - Concepts of Criminal Law
ADMJ 003: Principles & Procedures of the Justice System
This course covers the legal process from pre-arrest, arrest through trial, sentencing and correctional procedures. The course also reviews the history of case and common law; conceptual interpretations of law as reflected in court decisions; and the study of case law methodology and case research as the decisions impact upon the procedures of the justice system.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: AJ 122 - Criminal Court Process

ADMJ 004: Legal Aspects of Evidence
This course focuses on the origin, development, philosophy and constitutional basis of evidence. The course also covers constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights; and case studies viewed from a conceptual level.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
C-ID: AJ 124 - Criminal Court Process

ADMJ 005: Criminal Investigation
This course addresses the techniques, procedures, and ethical issues in the investigation of crime. The course introduces students to the organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence, and the role of the investigator in the trial process.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
C-ID: AJ 140 - Criminal Investigation

ADMJ 008: Juvenile Procedures
This course is an examination of the origin, development, and organization of the juvenile justice system as it evolved in the American justice system. The course explores the theories of juvenile law, and reviews the courts, processes, and the constitutional protections extended to juveniles administered in the American justice system.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: AJ 220 - Juvenile Procedures

ADMJ 012: Mental Health and Crisis Management in the Criminal Justice System
The course focuses on how and why individuals with serious mental illness become involved in the criminal justice system, and how the criminal justice and public mental health systems respond to that involvement. Topics include law enforcement responses, court-based strategies, mental health and corrections, community supervision of individuals with mental illness, violence and mental disorder, and unique challenges associated with female and juvenile populations.
Pass/No Pass, Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

ADMJ 014: Alcohol, Narcotics and Drug Abuse
This course is an introduction to the problem of substance abuse and the history and classification of drugs. This course is designed to equip police officers and the general public with knowledge of the issues involved in drug abuse.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

ADMJ 015: Sexual Assault Investigation
This course covers the investigation of sexual assault, the collection of evidence, and the treatment of the victim. The course also examines the psychological make-up of the sexual assault perpetrator; reviews the impact on peripheral victims including the family, friends, the community; and explores the measures used by agencies and individuals to prevent this crime.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

ADMJ 017: Introduction to Homeland Security
This course introduces students to the strategic, political, legal, and organizational challenges associated with the defense of the U.S. homeland, the coordinated response to major incidents, whether natural or man-made, to protect life or property, and the efforts that are under way to meet these challenges. The course also examines the range of potential threats to the U.S. homeland, focusing on potential terrorist acts, and considers strategies and means for addressing these threats.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
ADMJ 021: Community Relations
This course examines the complex and dynamic relationship between communities and the justice system in addressing crime and conflict. It emphasizes the challenges and prospects of administering justice within a diverse multicultural population. Topics may include conflicting values in culture, religion, and law.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: AJ 160 - Community and the Justice System

ADMJ 023: Police Report Writing
This course is a study of law enforcement reporting procedures with emphasis on techniques designed to improve writing skills, enhance individual observation and comprehension, and effect a more efficient utilization of recorded data in crime detection and the investigative function.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

ADMJ 026: Organized Crime
This course explores the origins and development of organized crime from early Italy to contemporary America. The course emphasizes past and current major organized crime figures, activities, and law enforcement efforts to combat the escalating infusion of organized crime into a legitimate business.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences

ADMJ 032: Motorcycle, Prison, and Street Gangs
This course is designed for pre-service students or in-service officers to enable them to become familiar with the history, recruitment, training methods, purpose, and infrastructures of various gangs currently operating in California.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

ADMJ 033: Introduction to Probation and Parole
This course covers a comprehensive introduction to the understanding of the corrections system in the U.S. Emphasis is on its origin and evolution, philosophies of corrections, perspectives on sentencing, offender rights, legal issues, and alternatives to incarceration including community corrections, probation and parole. The course addresses adult, juvenile and special needs offenders, corrections specialists, staff and administration as a profession and previews special challenges for the future of corrections.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

ADMJ 034: Career Planning in Criminal Justice
This introductory course is designed to inform students about potential careers in the Criminal Justice System. The content emphasizes the application, testing, and background screening processes necessary for employment with criminal justice agencies.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

ADMJ 041: Introduction to Forensics
This course is a survey of the application of scientific methods to the examination, evaluation, and explanation of the physical evidence related to a crime. The course also introduces students to the contributions of forensic anthropology, forensic psychiatry, document analysis, and computer forensics to criminal investigations. Case studies are used to illustrate the application and introduction of forensic evidence in the legal system.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
C-ID: AJ 150 - Introduction to Forensics

ADMJ 043: Administration of Justice Internship
The internship provides students with the opportunity to apply knowledge and skills learned in the Administration of Justice. This internship is designed to enhance student knowledge of law enforcement-based entities. Students are offered the opportunity to work with a government agency while working under the supervision of a member of the agency.
Pass/No Pass
Units: 2
Lecture Hours: 0, Lab Hours: 0
Prerequisites: ADMJ 001, ADMJ 002, ADMJ 023
Co-Requisites: None
Advisory: None
Transferable to CSU only
COURSES

ADMJ 051: Race, Class and Gender in Criminal Justice
This course examines the role of race, class, and gender in the criminal justice system, with close attention to questions of racial profiling, mass incarceration, and the question of discrimination in criminal justice. Students are given an opportunity to examine unique issues raised by race, class, and gender in relation to crime and the criminal justice system. This course provides guidance for self-reflection and analysis of unconscious bias and institutional racism as they relate to class, gender, sexuality, race, national origin, immigration status in Native American, African American, Asian American and Latino/a American communities.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ADMJ 001 or ADMJ 021
Transferable to CSU only
CSU GE: Area D - Social Sciences

ADMJ 100G: Introduction to Corrections
This course is designed to provide the student with an overview of the history and trends of corrections. It focuses on the legal issues, specific laws and general operation of correctional institutions. The relationship between corrections and other components of the judicial system are also examined.

Letter Grade, Pass/No Pass
Units: 5
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
CSU GE: Area D - Social Sciences

AMERICAN SIGN LANGUAGE

ASLA 060A: American Sign Language I
This course is designed for the development of and practice in elementary American Sign Language (ASL). It offers preparation for acquiring a visual gestural language; finger spelling; vocabulary; modeling and use of basic grammatical structure. It has a focus on beginning communication skills with emphasis on comprehension. Basic cultural aspects of deafness; historical and linguistic elements of sign language are covered also. The course is taught solely in American Sign Language.

Letter Grade, Pass/No Pass
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 6A - IGETC Languages (LOTE)

ASLA 060B: American Sign Language II
This course is designed to give students the opportunity to expand expressive and receptive skills in American Sign Language begun in ASL060A by providing vocabulary and grammar knowledge to achieve intermediate proficiency in the language and by offering materials to deepen their knowledge and understanding of Deaf culture and history. Topics covered include conversation strategies, opinions, complaints, arguments, storytelling-handshape stories, ASL stories, and community activities.

Pass/No Pass, Letter Grade
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: ASLA 060A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
Area 6A - IGETC Languages (LOTE)

ANTHROPOLOGY

ANTH 001: Introduction to Physical Anthropology
This course focuses on the anthropological approach to the human condition; theories of human origins; scientific evidence for the origin and evolution of the human species; description and anthropological explanation of human physical, biological, and behavioral variations.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B2- Life Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B- Biological Sciences
C-ID: ANTH 110 - Introduction to Biological Anthropology

ANTH 002: Introduction to Archaeology
This course is an overview of the discipline of archaeology, including the history of the field, theoretical perspectives and methods, and a survey of cultural developments from the Stone Age to early civilizations of the Old and New World.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: ANTH 150 - Introduction to Archaeology
ANTH 003: Introduction to Cultural Anthropology
This course is a study of culture and social behavior through the anthropological study of contemporary peoples. This course is a comparative survey of the range of cultures of the world with emphasis upon social organization, economics, religion, kinship systems, cultural patterns, values, ethics, and ecology.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
Cultural Diversity

CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: ANTH 120 - Introduction to Cultural Anthropology

ANTH 003H: Honors Introduction to Cultural Anthropology
Honors Introduction to Cultural Anthropology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and exploring the field through reading primary source research. This course is a study of culture and social behavior through the anthropological study of contemporary peoples. This course is a comparative survey of the range of cultures of the world with emphasis upon social organization, economics, religion, kinship systems, cultural patterns, values, ethics, and ecology.
Letter Grade

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
Cultural Diversity

CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: ANTH 120 - Introduction to Cultural Anthropology

ANTH 004: Intro to Linguistic Anthropology
This course introduces students to the anthropological study of language and communication. It includes a survey of world languages and an introduction to methods used by linguistic anthropologists. The course covers the use of linguistic data in studies of cognition, social context, cultural history and languages as they reflect the separate cultural realities of different cultures.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: F. Cultural Diversity
Cultural Diversity

CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: ANTH 130 - Introduction to Linguistic Anthropology

ANTH 055: Anthropology of Magic, Witchcraft, and Religion
This course is a cross-cultural study of the forms and functions of supernatural beliefs and associated rituals in various contemporary societies of Africa, Asia, aboriginal Australia, Oceania, South America, native North America and elsewhere. The course is designed to introduce anthropological approaches to the understanding of cultural beliefs in the supernatural. This course considers supernatural beliefs and rituals to develop insights into the functional aspects of religious beliefs and institutions in our lives.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
Cultural Diversity

CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science

ARCH 043: Styles in Architecture
This course offers a study of styles in architecture from pre-history to the present. This course covers: cultural, political, and social influences in architectural styles; a general overview of different architectural styles including each style's date of origination, its life period, main characteristics, and features; differences between similar styles, and eclecticism. This course also covers the styles of American colonial architecture.
Letter Grade, Pass/No Pass

Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 045: Architectural Building Codes
This course covers the building permit process and definition of building codes as described in the International Building Code. The course emphasizes use and occupancy, special use and occupancy, building heights and areas, type of construction, fire-resistive construction, interior finishes, fire-protection systems, means of egress, accessibility, interior environment, energy efficiency, exterior walls, roof assemblies, structural provisions, building materials and systems, and existing structures.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
ARCH 046: History of Architecture
This course is a study of the world history of architecture from pre-history to 1945. The course content includes the study of Roman concurrences, the triumph of Christ (early Christian architecture) to Absolutism, Bourgeoisie (European architecture 1600-1750), architecture for a new world, and Victorian Environments.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

ARCH 047: History of Modern Architecture
This course is a study of modern world architectural history from 1945 to the present. The influences of the industrial revolution and the old world in contemporary architecture are also discussed.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

ARCH 048: Digital Tools for Architecture
This course explores traditional and contemporary methods of graphic presentations as a means of communication in architectural design. The course emphasizes a variety of presentation techniques including color rendering, delineation of elevation, section, plan views and articulation of image and transfer methodologies. Media include computer-generated images, vellum based renderings, and architectural model building. Emphasis is also placed on preparation of student portfolio and presentation skills, in preparation for student interviews upon entering the profession.
Pass/No Pass, Letter Grade
Units: 2
Lecture Hours: 16 – 18
Lab Hours: 48 – 54

Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 049: Introduction to Rhino
This course is an introduction to Rhino. This software is designed specifically for use in architecture, landscape architecture, and interior design to focus on complex, compositional forms. This course emphasizes students’ creativity on the construction of 3D models.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 24 – 27
Lab Hours: 72 – 81

Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 050: Construction Materials & Methods
This course is a study of various building materials, their methods of installation, and it provides an overview of the structural concepts of building design.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54
Lab Hours: 0

Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 051: Architectural Graphics: Drawing & Sketching
This course is a study of the basic techniques of drafting and sketching as it relates to architectural graphic communication. Students have opportunities to develop visual literacy, freehand sketching techniques, and an understanding of perspective. This course also covers natural and human-made forms and basic architectural rendering.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 24 – 27
Lab Hours: 72 – 81

Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 052: Architectural Graphics: Color Rendering
This course is a study of three-dimensional representations using various color media as it relates to architectural and environmental graphic communication. Students have opportunities to develop visual color literacy, three-dimensional drawing techniques, and an understanding of color rendering. Additional topics include natural and human-made forms and advanced architectural color rendering.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 24 – 27
Lab Hours: 72 – 81

Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 053: Introduction to Architectural and Environmental Design
This course is an overview of the environmental design field and introduces the design process as a basis for architectural decision-making. Other topics include the professional fields of architecture, engineering, city planning, landscape architecture, allied professions, and construction.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54
Lab Hours: 0

Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
ARCH 056: Basic Architectural Design
This course is a study of architectural design principles and methodologies. Students have the opportunity to apply these principles to studio problems of increasing complexity. Various representation techniques are utilized, including sketching, manual graphics and rendering, computer graphics, and architectural model making. Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 24 – 27, Lab Hours: 72 – 81
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 057: Architectural Model Making
This course covers the most common aspects of materials, tools, and skills required to build architectural models. Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 8 – 9, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

ARCH 058: Introduction to Revit Architecture
This course is an introduction to Autodesk: Revit Architecture - software specifically designed for use by architecture, landscape architecture, interior design, and civil engineering professionals. This course emphasizes the construction of 3D models. Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 24 – 27, Lab Hours: 72 – 81
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 060: Green Building & Sustainable Design
This architecture course is a study of green building and sustainable design requirements. Students have opportunities to learn about green building and sustainable design requirements through lectures and case studies. Additional topics include green design strategies: envelope, lighting, heating, cooling, energy production, water and waste. Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 061: Architectural Design I
This course is an architectural design studio. It introduces a full range of architectural ideas and issues through drawing exercises, analysis of precedents, and exploration of design methods. Students have the opportunity to develop design skills by conceptualizing and representing architectural ideas and making aesthetic judgments about building design. Design problems studied in the course range from those of the immediate environment of the individual to that of small social groups. Students have the opportunity to develop their architectural creativity by use of software such as Rhino, SketchUp, and Revit. Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 24 – 27, Lab Hours: 72 – 81
Prerequisites: ARCH 056
Co-Requisites: None
Advisory: ARCH 049 or ARCH 058
Transferable to both UC and CSU

ARCH 062: Architectural Design II
This course is an architectural design studio. It covers human, social, technical, and aesthetic factors related to space and form. Additional topics include designing as a conceptual discipline directed at the analysis, interpretation, synthesis, analyses of precedents, and transformation of the physical environment. Exercises are aimed at developing an understanding of the issues, elements, and processes of structural and environmental design. Students have the opportunity to develop their architectural creativity by use of software such as Rhino, SketchUp, and Revit. Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 24 – 27, Lab Hours: 72 – 81
Prerequisites: ARCH 061
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 063: Architectural Design III
This course is an advanced architectural design studio. Students have the opportunity to develop an understanding of context and precedent in the construction of architectural form, and are introduced to contextual and programmatic densities in addition to circulatory, spatial, and organizational strategies in the design process. Discussions regarding architecture's role in mediating culture, nature and technology give students the opportunity to develop their architectural vocabulary. Students have the opportunity to develop their architectural creativity by use of software such as Rhino, SketchUp, and Revit. Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 24 – 27, Lab Hours: 72 – 81
Prerequisites: ARCH 062
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 064: Architectural Practice
This course is an advanced level architectural practice course. Students have opportunities to study environmental and visual phenomena through architectural design exercises. Additional topics include becoming familiar with an architect’s duties and responsibilities, and developing an architectural production set with: construction documents, construction specifications, and cost estimation. Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 24 – 27, Lab Hours: 72 – 81
Prerequisites: ARCH 058 or ARCH 066
Co-Requisites: None
Advisory: None
Transferable to CSU only
ARCH 066: Advanced Revit Architecture
This course focuses on an advanced Autodesk: Revit Architecture software specifically designed for use by architecture, landscape architecture, interior design, and civil engineering professionals. This course is intended to familiarize both novice and experienced 3D artists with the process and capabilities of the Revit tool set. The course focuses on the process of developing projects with Revit and emphasizes the creation of a set of construction documents and advanced rendering perspectives from a 3D model of a building project and its context.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 24 – 27, Lab Hours: 72 – 81
Prerequisites: ARCH 058
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 072: History of Landscape Architecture
This course is a study of world landscape architectural history from prehistory to the present.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE! C. Humanities
CSU GE! Area C - Arts and Humanities: C1- Arts
UC/IGETC GE! Area 3 - Arts and Humanities: 3A- Arts

ARCH 076: Site Analysis and Design
This course is a study of the landscape architectural technical implementation with an emphasis on basic principles of site layout, grading and drainage, earthwork computations, irrigation systems, landscape construction materials and details.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

ARCH 081: Landscape Plants: Summer & Autumn
This course is a study of ornamental trees, vines, and ground-covers during the summer and autumn seasons. Emphasis is placed on growth habits, cultural requirements, maintenance, suitability for landscape use, and the ecology of plant communities.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 082: Landscape Plants: Winter & Spring
This course is a study of ornamental trees, vines, and groundcovers during the winter and spring seasons. Emphasis is placed on growth habits, cultural requirements, maintenance, suitability for landscape use, and the ecology of plant communities.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARCH 083: Plant Composition
This course is a study of the design placement of ornamental trees, shrubs, vines, and ground covers in the environmental landscape. Emphasis is on the aesthetic and functional relationship of plant combinations, forms, and scale in relation to structures and outdoor spaces.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ART

ARTS 001A: Survey of Western Art I
This course is a general survey of painting, sculpture, and architecture in the West from prehistoric times through the Gothic period, using art as a reflection of human interaction with events of the time, emphasizing aesthetic, cultural, and historical values.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE! C. Humanities
CSU GE! Area C - Arts and Humanities: C1- Arts
UC/IGETC GE! Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 110 - Survey of Western Art from Prehistory through the Middle Ages

ARTS 001AH: Honors Survey of Western Art I
Honors Survey of Western Art I uses the pedagogical methods common to all Honors courses: interdisciplinary, writing- intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and exploring pre-historic to Gothic art through primary and secondary source research. This course is a general survey of painting, sculpture, and architecture in the western world from prehistoric times through the Gothic period, using art as a reflection of human interaction with events of the time, emphasizing aesthetic, cultural, and historical values.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE! C. Humanities
CSU GE! Area C - Arts and Humanities: C1- Arts
UC/IGETC GE! Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 110 - Survey of Western Art from Prehistory through the Middle Ages
ARTS 001B: Survey of Western Art II
This course is a general survey of painting, sculpture, and architecture in the West from the Renaissance to the present day, using art as a reflection of human interaction with the events of the time, emphasizing aesthetic, cultural and historical values.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 120 - Survey of Western Art from Renaissance to Contemporary

ARTS 001BH: Honors Survey of Western Art II
Honors Survey of Art II uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing, exploring the work through primary source research. Additionally, there is an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally not suitable for larger undergraduate classes. This course examines visual culture as it develops from the Early Renaissance in Italy and Northern Europe through Modern Art. Emphasis is given to the social, political, historical, and economic forces that give meaning and context to the art. The art is also examined through the lens of critical theory.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 120 - Survey of Western Art from Renaissance to Contemporary

ARTS 001D: Survey of Modern Art
This course is a general survey of painting, sculpture, and architecture in the West during the 19th and 20th centuries, emphasizing the evolution of changing attitudes toward form and content.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 120 - Survey of Modern Art

ARTS 001DH: Honors Art of the 20th Century
Honors Art of the 20th Century uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As this is an Honors class, there is a focus on analytical writing, exploring the field through reading primary source research and an emphasis on a high degree of student leadership and participation in class discussions and other interactive teaching/learning techniques that are generally not found in larger undergraduate classes. This course examines visual culture—painting, sculpture, architecture, installation, site-specific, performance and digital art—in the West from the Impressionists to the present day, emphasizing the evolution of changing attitudes toward form and content. Visual culture is analyzed through the lens of modern and postmodern critical theory.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 150 - Survey of Modern Art

ARTS 001E: Design in Society
This course provides a thematic and chronological introduction to major types of design around the globe from prehistory to the present. It considers the cultural role of design in finding creative solutions to basic human needs, such as shelter, clothing, utilitarian objects, transportation and communication, for social, political, religious, informational and other purposes. Works by designers from many diverse cultures are studied and compared within their cultural role of design in finding creative solutions to basic human needs, such as shelter, clothing, utilitarian objects, transportation and communication, for social, political, religious, informational and other purposes. Works by designers from many diverse cultures are studied and compared within their historical and cultural contexts, including issues of economic and social class.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

ARTS 001G: History of Photography
This course traces the technical developments and aesthetic trends in photography from its invention in the nineteenth century to the present day. It includes image presentations, discussions, and viewing of exhibitions.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

ARTS 001H: Honors Art of the 20th Century
Honors Art of the 20th Century uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As this is an Honors class, there is a focus on analytical writing, exploring the field through reading primary source research and an emphasis on a high degree of student leadership and participation in class discussions and other interactive teaching/learning techniques that are generally not found in larger undergraduate classes. This course examines visual culture—painting, sculpture, architecture, installation, site-specific, performance and digital art—in the West from the Impressionists to the present day, emphasizing the evolution of changing attitudes toward form and content. Visual culture is analyzed through the lens of modern and postmodern critical theory.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 150 - Survey of Modern Art
ARTS 001J: Survey of Non-Western Art: Africa, Oceania, and Indigenous North America
This course is a general survey of painting, sculpture, and architecture in the non-western world and includes Africa, Oceania and Indigenous North America using art as a reflection of human interaction with events of the time, emphasizing aesthetic, cultural and historical values.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 140 - Arts of Africa, Oceania, and Indigenous North America

ARTS 004: Art Appreciation
This course provides an introductory overview to general trends and concepts of visual expression. Art objects under study are considered both as aesthetic entities in themselves and as crystallizations of thoughts and beliefs during different periods of history. Students have an opportunity to gain greater awareness of processes and media required to create art.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 100 - Understanding Art

ARTS 007: The Art of Asia
This course is a general survey of arts and culture in Asia from prehistory to present. Emphasis is on painting, sculpture, ceramics and architecture of India, China and Japan. The course follows the development of artistic ideas and expressions based in cultural interactions from prehistory to present.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 130 - Survey of Asian Art

ARTS 010: American Art: A Multicultural Approach
This course is a multicultural history of American art from pre-colonial to contemporary times. The course examines the multiple histories and identities present in American art and culture providing an understanding and awareness of their participation in American's visual expression.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

ARTS 012A: Art of Pre-Hispanic Mexico
This course is a general survey of painting, sculpture and architecture from the main civilizations of Pre-Hispanic Mexico emphasizing aesthetic, cultural and historical values of the times.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 145 - Art of the Ancient Americas

ARTS 012B: Art of Colonial and Modern Mexico
This is a general survey of painting, sculpture and architecture from colonial and modern Mexico as influenced by European civilizations and the emergence of a national art style, emphasizing aesthetic, cultural and historical values of the times.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 146 - Art of the Western Americas

ARTS 013: African-American Art History
This course is a brief survey of the art of West African civilizations and the art of African Americans from colonial to contemporary times. It examines ways in which African American art has alternately reflected, shaped, and challenged such important historical events and currents as the Harlem Renaissance, the Civil Rights and Black Power movements, the Women's movement, and contemporary identity politics.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

ARTS 014: Art of the Ancient Americas
This course is a general survey of painting, sculpture and architecture from the main civilizations of the Americas emphasizing aesthetic, cultural and historical values of the times.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 147 - Art of the Americas

ARTS 015: Art of Asia
This course is a general survey of painting, sculpture and architecture from the main civilizations of Asia emphasizing aesthetic, cultural and historical values of the times.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 148 - Art of Asia

ARTS 016: American Art: A Multicultural Approach
This course is a multicultural history of American art from pre-colonial to contemporary times. The course examines the multiple histories and identities present in American art and culture providing an understanding and awareness of their participation in America's visual expression.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 149 - Art of the Western Americas

ARTS 017: Art of the Ancient Americas
This course is a general survey of painting, sculpture and architecture from the main civilizations of the Americas emphasizing aesthetic, cultural and historical values of the times.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 150 - Art of the Americas

ARTS 018: Art of Asia
This course is a general survey of painting, sculpture and architecture from the main civilizations of Asia emphasizing aesthetic, cultural and historical values of the times.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 151 - Art of Asia

ARTS 019: American Art: A Multicultural Approach
This course is a multicultural history of American art from pre-colonial to contemporary times. The course examines the multiple histories and identities present in American art and culture providing an understanding and awareness of their participation in America's visual expression.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 152 - Art of the Western Americas

ARTS 020: Art of the Ancient Americas
This course is a general survey of painting, sculpture and architecture from the main civilizations of the Americas emphasizing aesthetic, cultural and historical values of the times.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 153 - Art of the Americas

ARTS 021: Art of Asia
This course is a general survey of painting, sculpture and architecture from the main civilizations of Asia emphasizing aesthetic, cultural and historical values of the times.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities; C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 154 - Art of Asia
ARTS 014: Women in Art History
This course is a survey of women in Western Art. Specifically, it traces the representation of Woman in art history, the emergence of the female artist, and the examination of feminist theory in art history. It includes an examination of the major art periods, theories, criticism, and feminist criticism.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1-Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

ARTS 031A: Beginning Drawing
This is a beginning drawing course for students with no former drawing experience. Students draw natural and human-made forms from observation directed toward realistic rendering of objects. Students receive an introduction to pictorial composition and perspective and an introduction to drawing media: pencil, charcoal, conte, and pen and ink. Studio practice emphasizes basic shading principles, techniques and development of "line" qualities of graphic presentation. Students have the opportunity to learn skills, which enable them to develop an aesthetic vocabulary leading to independent critical judgment.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: ARTS 110 - Fundamentals of Drawing

ARTS 031B: Expressive Drawing
Refinement of basic drawing and composition skills are explored with an emphasis on creative expression and conceptualization. A variety of drawing materials are used including color media.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: ARTS 200 - Figure Drawing

ARTS 031C: Representational Drawing
In this course, students have the opportunity to expand their understanding of rendering a physical likeness of three-dimensional forms in black and white media. Concepts such as linear and atmospheric perspective, proportioning and scale, value/contrast, modeling with light and shade, planar relationships, and surface texture are emphasized.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

ARTS 033A: Two-Dimensional Design
This course offers an introduction to the principle, elements, and terminology of two-dimensional design. Design elements such as line, value, texture, shape, and basic color are organized by various principles such as repetition, variety, balance, and proportion. A wide variety of media will be used.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: ARTS 100 - 2-D Foundations

ARTS 033C: Color Design
Students have the opportunity to refine their basic design skills through the use of color concepts based on theory and expression. Projects focus on color attributes such as hue, value, intensity, weight, distance, temperature, color schemes, and color interaction.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: ARTS 033A
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: ARTS 270 - Color Theory

ARTS 035A: Beginning Life Drawing
This course provides students the opportunity to study the fundamentals of the human figure by drawing from life in a variety of black and white media. Familiarization with the human form in terms of mass, weight, dimension, and structure are emphasized through a variety of assignments stressing contour, gesture, surface modeling, light, and proportion.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: ARTS 035A

ARTS 035B: Intermediate Life Drawing
This course provides students the opportunity to refine basic figure drawing skills through an emphasis on creative expression. This course emphasizes the concepts of proportion, structure, modeling, movement, and description of the human form. A variety of drawing materials are used, including color media.
Pass/No Pass, Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: ARTS 035A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
ARTS 035C: Intermediate-Advanced Life Drawing

This course provides students the opportunity to develop a personal style of life drawing by exploring an expanded variety of drawing media combined with traditional approaches. Expanded theories of composition and color are covered through studio practice and research into the history of life drawing.

Letter Grade, Pass/No Pass

Units: 3

Lecture Hours: 32 – 36, Lab Hours: 64 – 72

Prerequisites: ARTS 035B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities

ARTS 035D: Advanced Life Drawing

This course provides students the opportunity to intensify their study of personal artistic direction through developing a cohesive and connected body of life drawings. Projects focus on use of multiple figures, theme development, and refinement of personal style. Studio work is supplemented with research of representations of the human figure in the art of various cultures and eras.

Letter Grade, Pass/No Pass

Units: 3

Lecture Hours: 32 – 36, Lab Hours: 64 – 72

Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities

ARTS 047A: Beginning Watercolor

In this class, students are introduced to basic techniques and applications of traditional materials associated with painting in aqueous media.

Letter Grade, Pass/No Pass

Units: 3

Lecture Hours: 32 – 36, Lab Hours: 64 – 72

Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities

ARTS 047B: Intermediate Watercolor

In this class, students have the opportunity to refine their technical skills associated with watercolor and related aqueous media. The focus of this class is on paint handling, using appropriate compositional structure and color necessary to the development of a personal style.

Letter Grade, Pass/No Pass

Units: 3

Lecture Hours: 32 – 36, Lab Hours: 64 – 72

Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities

ARTS 047C: Intermediate-Advanced Watercolor

In this class students are introduced to alternative painting surfaces, materials and procedures in combination with traditional watercolor and aqueous media approaches. This class emphasizes advanced theories of color and composition. Further evolution of a personal style is encouraged in this class in combination with art historical research.

Letter Grade, Pass/No Pass

Units: 3

Lecture Hours: 32 – 36, Lab Hours: 64 – 72

Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities

ARTS 049A: Beginning Painting

In this course students have the opportunity to learn the elements of painting using a variety of techniques, materials, and tools. Structure, composition, paint handling, light effects, and color theory are stressed in relationship to the painting process and a variety of subject matter.

Letter Grade, Pass/No Pass

Units: 3

Lecture Hours: 32 – 36, Lab Hours: 64 – 72

Prerequisites: None
Co-Requisites: None
Advisory: ARTS 031A, ARTS 033A
Transferable to both UC and CSU

WVC GE: C. Humanities

C-ID: ARTS 210 - Introduction to Painting

ARTS 049B: Intermediate Painting

In this course, students have the opportunity to refine basic painting skills in addition to expand understanding of paint handling, structure and volume, perspective, composition, and color theory. Students also have the opportunity to continue research begun in ARTS049 of materials and techniques and to begin to focus on creative expression.

Letter Grade, Pass/No Pass

Units: 3

Lecture Hours: 32 – 36, Lab Hours: 64 – 72

Prerequisites: None
Co-Requisites: None
Advisory: ARTS 049A
Transferable to both UC and CSU

WVC GE: C. Humanities
ARTS 049C: Intermediate-Advanced Painting
In this course, students have the opportunity to pursue personal styles and interests. Advanced theories of composition and color are covered through studio practice and research of the history of painting. Alternative painting surfaces and materials in combination with traditional approaches are explored.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: ARTS 049B
Transferable to both UC and CSU

ARTS 049D: Advanced Painting
In this course students have the opportunity to intensify their study of personal artistic direction through developing a cohesive body of work. Projects focus on series and theme development. Studio work is supplemented with painting-oriented research, writing, and verbal analysis.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: ARTS 049C
Transferable to both UC and CSU

ARTS 055: Introduction to Computer Arts
This course provides students with an opportunity to explore fundamental theories and methods of creating computer art and the impact of technology on 20th century art production. It introduces students to digital imaging, digital video-animation, and interactive authoring which utilizes hands-on contemporary art strategies.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: ARTS 250 - Introduction to Digital Art

ARTS 057A: Animation I
This course provides students with a comprehensive introduction to the production of computer generated art imagery. It covers fundamental modeling techniques, texture mapping, lighting, rendering, and basic animation concepts.
Pass/No Pass, Letter Grade
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

ARTS 057B: Animation II
This course provides students with the opportunity to develop intermediate computer generated imaging (CGI) skills. Topics include mechanical and organic modeling, UV mapping and shading, best practices for lighting with default render engines, basic bi-pedal character rigs, and rendering parameters for basic editing.
Pass/No Pass, Letter Grade
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: ARTS 057A
Co-Requisites: None
Advisory: None
Transferable to CSU only

ARTS 057C: Animation III
This course provides students the opportunity to develop intermediate to advanced computer generated imaging (CGI) skills. Topics include realistic organic modeling and UV mapping, multi-node shading networks, photo-real lighting environments, advanced rigging set-up and animation techniques, including dynamic simulations, and rendering and editing.
Pass/No Pass, Letter Grade
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: ARTS 057B
Co-Requisites: None
Advisory: None
Transferable to CSU only

ARTS 062A: Basic Photography
This course introduces students to the processes, principles, and tools of photography. Topics include the development of technical and aesthetic skills, elements of design and composition, camera technology, materials and equipment, and contemporary trends in photography. This course investigates the historical and practical aspects of photography as an art form. This course offers students the opportunity to gain a solid understanding of the theory and practice of photography by developing a point of view about the variety of possibilities for the photographic image in our culture.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

ARTS 062B: Black and White Photography
This course continues the investigation begun in ARTS 062A of the historical and practical aspects of photography with a focus on the black and white image. Students have the opportunity to examine not only their own work, but the work of masters in the field to gain a better understanding of the tools necessary to create more compelling compositions.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
ARTS 062C: Color Photography
This course continues the investigation of the historical and practical aspects of photography with a focus on the color digital photography. Students have the opportunity to examine not only their own work, but the work of masters in the field to gain a better understanding of the tools necessary to create more compelling compositions.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: C. Humanities

ARTS 062D: Studio Photography
This beginning studio lighting course introduces the students to basic portrait and product lighting techniques. Students have the opportunity to use one, two and three light studio portrait configurations. Students have the opportunity to explore different lighting arrangements for metal, glass, fabric, and food along with all aspects of beginning studio photography.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: C. Humanities

ARTS 065A: Ceramics-Handbuilding
This course is an introduction to two- and three-dimensional ceramic design, focusing on clay compositions, decoration techniques and hand-building techniques. This course includes art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students an opportunity to develop awareness and vocabulary leading to critical thinking and exploration of the physical properties of clay for creative expression.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

ARTS 065B: Ceramics-Handbuilding II
This is an intermediate course in ceramics hand-building techniques, kilns, clay body construction, and ceramic decorative effects. The course includes further development of 3-D design concepts, self expression, as well as art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students the opportunity to develop a critical awareness and vocabulary leading to independent critical thinking.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

ARTS 065C: Ceramics-Handbuilding III
This advanced course explores additional course content and further develops artistic skills including large-scale building, slip-casting, organic burn-out, and various firing techniques. The course gives students an opportunity to develop a critical awareness and vocabulary leading to independent critical thinking.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARTS 065D: Advanced Handbuilt Ceramics IV
This advanced course focuses on clay formulations, multi-part slip casting, kiln firing, and creating a consistent body of work with a focus on content and aesthetic. The course gives students an opportunity to develop a critical awareness and vocabulary leading to independent critical judgment.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARTS 067A: Ceramics-Potter’s Wheel
This course is an introduction to wheel throwing and decoration techniques. It includes vocabulary and art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students an opportunity to develop awareness and vocabulary leading to critical thinking and exploration of the physical properties of clay for functional ware and creative expression.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARTS 067B: Ceramics-Potter’s Wheel
This wheel throwing course directed toward refinement of skills on the wheel, complex thrown ceramics ware, and a combination of hand built and wheel thrown forms. This course includes vocabulary and art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students an opportunity to develop awareness and vocabulary leading to critical thinking and exploration of the physical properties of clay for functional ware and creative expression.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities

ARTS 065C: Ceramics-Handbuilding III
This advanced course explores additional course content and further develops artistic skills including large-scale building, slip-casting, organic burn-out, and various firing techniques. The course gives students an opportunity to develop a critical awareness and vocabulary leading to independent critical thinking.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARTS 065D: Advanced Handbuilt Ceramics IV
This advanced course focuses on clay formulations, multi-part slip casting, kiln firing, and creating a consistent body of work with a focus on content and aesthetic. The course gives students an opportunity to develop a critical awareness and vocabulary leading to independent critical judgment.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARTS 067A: Ceramics-Potter’s Wheel
This course is an introduction to wheel throwing and decoration techniques. It includes vocabulary and art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students an opportunity to develop awareness and vocabulary leading to critical thinking and exploration of the physical properties of clay for functional ware and creative expression.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARTS 067B: Ceramics-Potter’s Wheel
This wheel throwing course directed toward refinement of skills on the wheel, complex thrown ceramics ware, and a combination of hand built and wheel thrown forms. This course includes vocabulary and art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students an opportunity to develop awareness and vocabulary leading to critical thinking and exploration of the physical properties of clay for functional ware and creative expression.
Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
ARTS 081: 3-Dimensional Design
This course focuses on theory and application of three-dimensional form in visual art and design. It provides studio practice in the fundamental elements and principles of designing objects in 3-dimensions. A variety of media is used.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: ARTS 101 - 3-D Foundations

ARTS 085A: Sculpture
This course introduces traditional and contemporary sculptural techniques, including casting, reductive/carving, and additive/fabrication techniques. Contemporary and historical art movements and concepts are introduced. Students have an opportunity to develop critical awareness and vocabulary leading to independent critical thinking.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARTS 085B: Sculpture
This course further explores sculptural techniques in casting, mixed media, wood-working, metal fabrication, and installation. Contemporary and historical art movements and concepts are discussed. This course gives students an opportunity to develop critical awareness and vocabulary leading to independent critical thinking.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARTS 088A: Metal Sculpture Casting
This course introduces metal casting in bronze and aluminum using investment molds, ceramic shell molds, and green sand casting. Students will learn how to cast larger, more complicated forms, patina application, and welding. Contemporary and historical art movements and concepts are discussed. This course gives students an opportunity to develop critical awareness and vocabulary leading to independent critical thinking.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

ARTS 088B: Metal Sculpture Casting
This course is a continuation of metal casting in bronze and aluminum using investment molds, ceramic shell molds, and green sand casting. Students will learn how to cast larger, more complicated forms, patina application, and welding. Contemporary and historical art movements and concepts are discussed. This course gives students an opportunity to develop critical awareness and vocabulary leading to independent critical thinking.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 64 – 72
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ARTS 095: New Media and Social Change
This course investigates how web-based technologies, internet multi-media, and photography have assisted in causing social change around the world through images. Evidence of social change from significant historical photographic images from famous photographers with a variety of diverse backgrounds are explored for social and political context. The course also covers critical analysis of shifting perceptions and expectations regarding race, gender, religion, sexual orientation, cultural identity, and ethnicity in contemporary web-based visual media.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
F. Cultural Diversity
CSU GE: Area C - Arts and Humanities: C2- Humanities

ASTRONOMY

ASTR 005: Planetarium Astronomy
Naked eye astronomy is taught using the planetarium as a space simulator and teaching tool. Students have the opportunity to find and recognize northern hemisphere constellations and identify their brightest stars. The motion of the starry skies including celestial viewing of moon and planets is studied. Telescopes and methods of analyzing starlight are introduced. A brief history of astronomy from an earth centered to expanding universe view is presented. Planetarium astronomy makes use of our campus planetarium and, when practical, visit(s) to Bay Area planetarium(s).
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: B. Natural Sciences
ASTR 010: Solar System Astronomy
This is a course in descriptive Astronomy, with emphasis on evolution, structure and behavior of the Solar System and its contents. The course commences with a study of the night sky including the motions of the Sun, Moon, planets and stars. The motions of the celestial bodies are explained in the historical context of geocentric and heliocentric models. The origins of the solar system are explored followed by a study of the Terrestrial planets utilizing comparative planetary geology. The atmospheres of the Terrestrials and Jovians are investigated, followed by an exploration of moons, ring systems, asteroids and comets.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences: SA- Physical Sciences

ASTR 011: Stellar Astronomy
This is a course in descriptive Astronomy, with emphasis on stars: their origin and evolution, their distribution within the galaxies and the origin of the universe within which the galaxies of stars are found. The course commences with a study of the night sky including the motions of the Sun, Moon, planets and stars. The motions of the celestial bodies are explained in the historical context of geocentric and heliocentric models. The course also covers the nature of light and employs telescopic observations to explore the properties of stars and their evolution. An investigation of the stages in the life of a star from birth to the different forms of stellar death is also offered. The course also examines the origins of the galaxies and the fate of the Universe.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences: SA- Physical Sciences

ASTR 014: Life in the Universe
This course considers the origin and evolution of life on Earth and the possibility of life elsewhere in the Universe. Applying the disciplines of astrophysics, biology, geology, and planetary science, students have the opportunity to study the chemical basis for life and the limits of life on earth, and to look for the markers of life in other places in the solar system. The course also examines the possibilities for life outside of the solar system.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences: SA- Physical Sciences

ASTR 020: Family of the Sun
This is an introductory course in astronomy for the non-science major. Topics include study of the night sky and the motions of the objects in the heavens as seen from Earth, examination of the structure and behavior of the Solar System and its contents, planetary geology, planetary atmospheres, the search for other solar systems and the possibility of the existence of extraterrestrial life. Laboratory work includes observation and application of concepts discussed in lectures, computer simulations, planetarium simulations, and field work.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: SA- Physical Sciences

ASTR 020H: Honors Family of the Sun
Honors Astronomy uses the pedagogical methods common to all Honors courses: interdisciplinary, writing intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified trans-disciplinary unit. Topics include study of the night sky and the motions of the objects in the heavens as seen from Earth, examination of the structure and behavior of the Solar System and its contents, planetary geology, planetary atmospheres, the search for other solar systems and the possibility of the existence of extraterrestrial life. Laboratory work includes observation and application of concepts discussed in lectures, computer simulations, planetarium simulations, and field work.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: SA- Physical Sciences

ASTR 021: Lifestyles of the Stars
This is an introductory course in astronomy for the non-science major. Topics include study of the night sky and the motions of the objects in the heavens as seen from Earth, study of the birth, life and death of stars including Einstein's theory of relativity as applied to black holes. Laboratory work includes observation and application of concepts discussed in lectures, computer simulations, planetarium simulations, and field work.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: SA- Physical Sciences
ASTR 021H: Honors Lifestyles of the Stars
Honors Astronomy uses the pedagogical methods common to all Honors courses: interdisciplinary, writing intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified trans disciplinary unit. Topics include study of the night sky and the motions of the objects in the heavens as seen from Earth, study of the birth, life and death of stars including Einstein's theory of relativity as applied to black holes. Laboratory work includes observation and application of concepts discussed in lectures, computer simulations, planetarium simulations, and field work.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: Area B - Scientific Inquiry and Quantitative Reasoning: Physical Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical Sciences
ASTR 022: From Big Bang to Black Holes
This is an introductory course in Cosmology. Topics include an examination of the technologies (telescopes, particle accelerators and neutrino detectors) that are used to study the Cosmos, the study of interactions of light, matter, space-time and gravity, and the study of the history of the Universe including the Big Bang, cosmic expansion, inflation, large scale structure, dark matter & dark energy.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A - Physical Sciences
ASTR 030: Field Astronomy
This is a lecture course conducted partially in the field, whose location may change from semester to semester. This allows students to study, through direct observation, the night sky. The class uses direct visual and telescopic observations of the sky to help explain solar system, stellar and galactic objects. The course includes pre-trip lecture meetings that cover the fundamentals of the motion of the heavens, star charts and telescope optics. Hiking, observations and overnight camping are required.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: GEOL 030
Advisory: None
Transferable to CSU only
AVIA 020A: Aviation - Pilot Ground School
The course provides the background required by the FAA in subject areas including: aerodynamics, aircraft performance, navigation, weather, and aviation regulations leading to pilot certification.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
AVIA 030B: Introduction to Unmanned Aircraft Systems
This course covers the foundations of unmanned aerial systems, including history, UAS systems, payloads, data links, ground support equipment, classes of UAS systems, categories, applications, mission planning and control and recovery systems.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
AVIA 030C: UAS Image Analysis and Visualization
This course is designed to develop image analysis skills to allow for the student to create 3-D visualizations for 3-D modeling. These visualizations are to be used to analyze the subjects of the imagery acquired through use of Unmanned Aircraft.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
AVIA 030D: UAS Flight Operations and Flight Planning
This course provides students with the opportunity to develop skills to operate and plan flights, including both fixed wing and rotor wing aircraft.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
AVIA 030E: Drone Videography and Photography
This course is designed to provide students with the knowledge and skills required to complete photography and videography projects with Drones. This course will explore the different sensors and techniques used. It will also discuss how images are used for analysis.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
BIOL 002: Environmental Biology

This survey course provides a foundation in environmental issues such as global warming, overfishing, endangered species, human population growth, habitat destruction, energy usage, air and water pollution, resource usage as well as over-consumption in an effort to build sustainable solutions towards solving these problems.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B2- Life Sciences

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B- Biological Sciences

BIOL 002L: Environmental Biology Laboratory

This course is an introduction to methods and analysis in environmental biology in both laboratory and field settings. It includes an introduction to and applications of the scientific method. Principles of ecology, environmental science, sustainability are explored.

Letter Grade

Units: 1

Lecture Hours: 0, Lab Hours: 48 – 54

Prerequisites: BIOL 002

Co-Requisites: BIOL 002

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5C – Laboratory

BIOL 010: Introduction to Biology

This is an introductory course in general biology designed for non-science majors. Emphasis is on using critical thinking skills to understand and apply biological principles to the solution of everyday problems. Topics discussed include the scientific method, evolution, ecology, cell function and structure, cell energy, DNA and biotechnology, as well as how organisms interact with their internal and external environment. Concurrent enrollment in both BIOL 010/10L is required. Note: UC will accept credit for only one course, BIOL 010 or BIOL 011 as they meet same general education requirements. West Valley College will only allow students to take BIOL 010 or BIOL 011 not both.

Letter Grade

Units: 4

Lecture Hours: 48 – 54, Lab Hours: 48 – 54

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B2- Life SciencesArea B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B- Biological SciencesArea 5 - Physical and Biological Sciences: 5C – Laboratory

BIOL 010L: Introduction to Biology Lab

This lab is a required co-requisite to the Biology 010 lecture course. This class is designed for non-science majors and supports concepts presented in lecture and provides a hands-on experience. Emphasis is on using critical thinking skills to understand and apply biological principles to better understanding topics in general biology. Concurrent enrollment in both BIOL 010/10L is required. Note: UC will accept credit for only one course, BIOL 010 or BIOL 011 as they meet same general education requirements. West Valley College will only allow students to take BIOL 010 or BIOL 011 not both.

Letter Grade

Units: 1

Lecture Hours: 0, Lab Hours: 48 – 54

Prerequisites: None

Co-Requisites: BIOL 010

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5C – Laboratory

BIOL 011: Human Biology

This is an introductory course in general biology designed for non-science majors with an emphasis on the human body. Topics discussed include the scientific method, basic chemistry, genetics, cell structure and function, as well as how human systems interact with their internal and external environment. Laboratory work includes hands on application of concepts discussed in lectures through dissection, computer simulations and experimentation. Note: UC will accept credit for only one course, BIOL 010 or BIOL 011 as they meet same general education requirements. West Valley College will only allow students to take BIOL 010 or BIOL 011 not both.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B2- Life SciencesArea B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B- Biological SciencesArea 5 - Physical and Biological Sciences: 5C – Laboratory

BIOL 012: Introduction to Ecology and Wildlife

This non-major course provides an introduction to the general ecological principles that integrate all life on earth, with special focus on wildlife populations and their natural history. Energy and material flows are covered, along with animal biology, behavior, population dynamics, and human impact and management. Laboratory and field exercises emphasize investigative techniques used in scientific studies.

Letter Grade

Units: 4

Lecture Hours: 48 – 54, Lab Hours: 48 – 54

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B2- Life SciencesArea B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B- Biological SciencesArea 5 - Physical and Biological Sciences: 5C – Laboratory
Biol 013: Natural History of California

This course explores the plant and animal communities of California. Students have the opportunity to learn about the biodiversity of California in both the classroom and field settings. Natural history, ecology, stewardship, and conservation of select regions of California are covered. Class meetings are supplemented by field trips. Students must successfully complete class prerequisites in order to participate in any overnight field trip(s). Students are responsible for transportation and costs associated with travel, meals, camping equipment and related field trip expenses.

Letter Grade

Units: 3

Lecture Hours: 32 – 36, Lab Hours: 48 – 54

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B1 - Physical Sciences

Area B - Scientific Inquiry and Quantitative Reasoning; B2 - Life Sciences

Area B - Scientific Inquiry and Quantitative Reasoning; B3 - Laboratory Activity: Lab course used from B1 or B2

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B - Biological Sciences

Area 5 - Physical and Biological Sciences: 5C – Laboratory

Biol 014: California Plants and Animals

This course is a general education course which introduces California plants and animals in an ecological context. An ecosystem approach is used to explain the geographic distribution of lifeforms and their community associations. This course also provides an introduction to the natural history of California with an emphasis on plants and animals. The most common life forms from the coast to the mountains to the desert are explored within the ecological context. This class is designed for non-majors.

Letter Grade

Units: 4

Lecture Hours: 48 – 54, Lab Hours: 48 – 54

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B1 - Physical Sciences

Area B - Scientific Inquiry and Quantitative Reasoning; B2 - Life Sciences

Area B - Scientific Inquiry and Quantitative Reasoning; B3 - Laboratory Activity: Lab course used from B1 or B2

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B - Biological Sciences

Area 5 - Physical and Biological Sciences: 5C – Laboratory

Biol 018: Marine Biology

This course is a survey of the biological principles of marine science. It is designed to acquaint the student with the natural history of the local coastline, Monterey Bay and its adjoining areas. The use of oceanographic instruments and marine sampling devices, a descriptive survey of the flora and fauna as found in laboratory study and field trips, and the relationship of the ocean to man are also included.

Letter Grade

Units: 4

Lecture Hours: 48 – 54, Lab Hours: 48 – 54

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2 - Life Sciences

Area B - Scientific Inquiry and Quantitative Reasoning; B3 - Laboratory Activity: Lab course used from B1 or B2

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B - Biological Sciences

Area 5 - Physical and Biological Sciences: 5C – Laboratory

Biol 022: Genetics

This general education course is primarily for the non-science major. This is an introduction to the basic principles and concepts of heredity and their application to plants and animals, with emphasis on the heredity process, pedigrees, mutation, medical genetics, recombinant DNA, biotechnology genetics, population genetics.

Letter Grade

Units: 4

Lecture Hours: 48 – 54, Lab Hours: 48 – 54

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2 - Life Sciences

Area B - Scientific Inquiry and Quantitative Reasoning; B3 - Laboratory Activity: Lab course used from B1 or B2

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B - Biological Sciences

Area 5 - Physical and Biological Sciences: 5C – Laboratory

Biol 023: Introduction to Infectious Diseases

This introductory biology course explores infectious diseases, parasites, and human immunity. The course begins with a survey of infectious disease agents, including emerging pathogens, agents of bio-terrorism, and newer complications seen in ancient diseases. The course continues by examining how the human immune system responds to these infections and helps students interpret epidemiological patterns of disease in human populations.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2 - Life Sciences

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B - Biological Sciences

Biol 024: Bio in the News

This course allows students of all disciplines the opportunity to learn about a wide range of currently relevant biological topics that affect students’ lives including issues relating to the environment, human physiology, genetics, and many others. Students have an opportunity to choose from a variety of basic biological concepts to encourage meaningful discussions of these issues and to help students understand biological concepts in news articles, books, and essays on these topics. Topics may include but are not limited to the affect of love, sleep, or drugs on the brain, biotechnology, cloning, genetic engineering, introduced species, the Anthropocene, neurological disorders, nutrition, cancer, sex reassignment surgery, and more!

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2 - Life Sciences

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B - Biological Sciences

Courses
Courses

BIOL 025: Lab Technician Methods
This course covers basic concepts and common methods used by biotech and chemistry lab technicians, including making solutions and media, and using pH meters, autoclaves, sterile and fume hoods, micropipettes, and microscopes. Important practices such as aseptic and sterile technique, lab safety and proper waste disposal are also discussed and demonstrated.
Letter Grade
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BIOL 026: Certified Quality Improvement
This course is designed to combine the content of the Certified Quality Improvement Associate (CQIA) certification exam from the American Society for Quality with an exploration of bioscience industry regulation. The CQIA certification covers the basics of quality, teamwork, and customer-supplier relations. This course provides this information in the context of the biotech and biomedical workplace.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BIOL 027: Scientific Literacy and Technical Writing
This introductory course surveys the writing style and optimal methods for reading, reviewing, and critically analyzing scientific literature. This course covers important sections found in scientific journal articles, how to best write in typical scientific journal style, and how to format and read through the dense information often found in technical writing.
Letter Grade
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BIOL 035: Biology of Birds
This course introduces the natural history and biology of birds. The anatomy, ecology, diversity, behavior, and identification of birds are explored through lectures, laboratories, and field trips. The course emphasizes the biology of California birds. The course is directed towards biology students, science educators (K-12), natural history museum and environmental docents, environmental educators, as well as bird enthusiasts. Students are responsible for transportation and costs associated with travel.
Letter Grade
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2- Life Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences; SB- Biological Sciences

BIOL 036: Animal Behavior
Have you ever wondered why animals behave the way they do? This course explores different aspects of animal behavior ranging from the hardships of growing up, capturing food, escaping, migrating, navigating, communicating, making homes, competing for mates, courting, sex, taking care of offspring to the complex social behavior found in many animals.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2- Life Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences; SB- Biological Sciences

BIOL 037: Evolution - Life on Earth
This course offers an introduction to the history of life on earth by exploring past and current environments through the evolution of different types of species over time. The course emphasizes Darwin's theory of evolution, the evidence supporting it, mechanisms of evolution, as well as modern viewpoints that have implications for society and culture.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2- Life Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences; SB- Biological Sciences

BIOL 038: Biodiversity and Extinction: Hotspots, Crisis and Conservation
This class surveys the biodiversity on Earth with a focus on plants and animals in selected hotspots across the world. It examines the ecological and evolutionary principles necessary to understand the nature and importance of the worldwide environmental crisis.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2- Life Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences; SB- Biological Sciences

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2- Life Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences; SB- Biological Sciences
**BIOL 040: Organismal Biology**
This course, intended for biology majors, is a survey of the basic biology and diversity of unicellular and multi-cellular organisms. It emphasizes general biological principles, classification, structure, function and evolutionary adaptations of organisms (including plants, fungi, animals, and unicellular organisms) to their environments.
Letter Grade

Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: MATH 106 or MATH 106R
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

**WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2: Life SciencesArea B - Scientific Inquiry and Quantitative Reasoning; B3: Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: SB- Biological SciencesArea 5 - Physical and Biological Sciences: SC – Laboratory
C-ID: BIOL 140 - Organismal Biology**

**BIOL 041: Principles of Animal Biology**
This course is intended for biology majors and introduces the principles and concepts of animal biology. The material includes a survey of animal phyla and non-photosynthetic, single-celled, eukaryotic taxa and covers the comparative structure, function, and life cycles of animals, as well as principles of evolution, taxonomy, and systematics. Topics include development, morphology and physiology, phylogeny, and behavior of animals, as well as principles of evolution, mechanisms of evolutionary change, and speciation.
Letter Grade

Units: 5
Lecture Hours: 48 – 54, Lab Hours: 96 – 108
Prerequisites: BIOL 010, MATH 106 or BIOL 011, MATH 106 or BIOL 010, MATH 106R or BIOL 011, MATH 106R
Co-Requisites: None
Advisory: BIOL 043
Transferable to both UC and CSU

**WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2: Life SciencesArea B - Scientific Inquiry and Quantitative Reasoning; B3: Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: SB- Biological SciencesArea 5 - Physical and Biological Sciences: SC – Laboratory
C-ID: BIOL 150 - Zoology / Animal Diversity and Evolution**

**BIOL 042: Principles of Plant Biology**
This course for biology majors surveys basic principles of the plant sciences by examining all levels of biological organization. It covers comparative diversity, structure, and function of plant, fungal and protist phyla. Topics include development, morphology and physiology, taxonomy, systematics, and evolution. Principles of population and community ecology and ecosystem interactions are emphasized. Laboratory activities include microscopic work, experimental physiology, and studies of biodiversity, natural history and ecology. Field trips to several ecosystems in the Bay Area provide numerous opportunities to study local flora.
Letter Grade

Units: 5
Lecture Hours: 48 – 54, Lab Hours: 96 – 108
Prerequisites: MATH 106 or MATH 106R
Co-Requisites: None
Advisory: BIOL 043
Transferable to both UC and CSU

**WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2: Life SciencesArea B - Scientific Inquiry and Quantitative Reasoning; B3: Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: SB- Biological SciencesArea 5 - Physical and Biological Sciences: SC – Laboratory
C-ID: BIOL 155 - Botany / Plant Diversity and Ecology**

**BIOL 043: Principles of Cell Biology**
This course, intended for majors, covers principles and applications of prokaryotic and eukaryotic cell structure and function, taxonomy, viruses, biological molecules, homeostasis, cell reproduction and its controls, molecular genetics, genetic engineering, mitosis, cell metabolism including photosynthesis and respiration, cellular communication, and hypotheses of the origin of life. Laboratory exercises demonstrate lecture concepts, and offers practical experience in performing standard laboratory methods used in cell biology. The philosophy of science, methods of scientific inquiry and experimental design are foundational to the course. This course is designed to complete the preparation of the biology and pre-professional major for specialized upper division courses.
Letter Grade

Units: 5
Lecture Hours: 48 – 54, Lab Hours: 96 – 108
Prerequisites: CHEM 001A, MATH 106, BIOL 010 or CHEM 001A, MATH 106R, BIOL 010 or CHEM 001A, MATH 106, BIOL 011 or CHEM 001A, MATH 106R, BIOL 011
Co-Requisites: None
Advisory: None
Additional Requisite Information:
The BIOL 010 or BIOL 011 prerequisite can be satisfied by the successful completion of any college biology course
Transferable to both UC and CSU

**WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2: Life SciencesArea B - Scientific Inquiry and Quantitative Reasoning; B3: Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: SB- Biological SciencesArea 5 - Physical and Biological Sciences: SC – Laboratory
C-ID: BIOL 190 - Cell and Molecular Biology**

**BIOL 045: Microbiology**
This course is designed for nursing and other majors in life science. This course serves as an introduction to microorganisms and the laboratory techniques employed in their study. The characteristics, particularly of bacteria, but also including viruses, algae, fungi, and protozoa are studied with emphasis on their relationship to human life. Laboratory work includes studying morphology, culturing methods, and biochemical characteristics of microorganisms. The student has the opportunity to gain experience with basic laboratory skills common in the field of microbiology.
Letter Grade

Units: 5
Lecture Hours: 48 – 54, Lab Hours: 96 – 108
Prerequisites: BIOL 010, CHEM 002 or BIOL 011, CHEM 002 or BIOL 010, CHEM 001A or BIOL 011, CHEM 001A or BIOL 010, CHEM 030A or BIOL 011, CHEM 030A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

**WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2: Life SciencesArea B - Scientific Inquiry and Quantitative Reasoning; B3: Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: SB- Biological SciencesArea 5 - Physical and Biological Sciences: SC – Laboratory**
BIOL 047: Human Anatomy
This course for health professionals covers the principles and concepts of human anatomy through the comprehensive study of the gross and microscopic structure of the human body. Lab consists of human cadaver examination, specimen dissection, and microscopic examination of human tissues.
Letter Grade
Units: 5
Lecture Hours: 48 – 54, Lab Hours: 96 – 108
Prerequisites: BIOL 010 or BIOL 011
Co-Requisites: None
Advisory: None
Additional Requisite Information:
The BIOL 010 or BIOL 011 prerequisite can be satisfied by the successful completion of an equivalent high school general Biology course
Course should include an overview of cellular structure, cellular function, cell division and the scientific method
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2 - Life Sciences
Area B - Scientific Inquiry and Quantitative Reasoning; B3 - Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B - Biological Sciences
Area 5 - Physical and Biological Sciences: 5C – Laboratory
C-ID: BIOL 110 B - Human Anatomy with Lab

BIOL 048: Human Physiology
Physiology is the study of the organ systems of the human body and the physiological principles involved in normal function. Emphasis is upon cellular and organ system function, integration and homeostasis, and regulatory mechanisms. The laboratory includes experiments stressing function of the body systems. Some experiments will be carried out on the students themselves.
Letter Grade
Units: 5
Lecture Hours: 48 – 54, Lab Hours: 96 – 108
Prerequisites: BIOL 047, CHEM 002 or BIOL 047, CHEM 030A or BIOL 047, CHEM 001A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2 - Life Sciences
Area B - Scientific Inquiry and Quantitative Reasoning; B3 - Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B - Biological Sciences
Area 5 - Physical and Biological Sciences: 5C – Laboratory
C-ID: BIOL 120 B - Human Physiology with Lab

BIOL 050: Human Cadaver Dissection
This is a whole human cadaver dissection course. The course is designed for nursing, medical, physical therapy, physician assistant, chiropractic and other health related majors. The course uses a regional approach to cadaver dissection. Working in small groups, student have the opportunity to dissect cadavers while the instructor provides necessary guidance and information for accomplishing the dissection.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: BIOL 047
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B3 - Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5C – Laboratory

BIOL 055: Biology of Sex
This course explores the natural history of sex and how it is fundamental to understanding the evolution and diversity of sexual reproductive strategies. Students have the opportunity to learn about the biology behind the fantastic strategies organisms use to mix their genes. Topics covered include the evolution of sex, sex differences, mating strategies, costs of reproduction, sexual conflict, sperm competition, sexual selection, promiscuity, and female choice.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2 - Life Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B - Biological Sciences

BIOL 056: Ecology of the Sierra Nevada
This course explores the natural history and ecology of the Sierra Nevada. This general education course includes an overview of the climate, evolutionary history, biogeography, community structure, natural history, and ecology of the plants, mammals, birds and insects of the Sierra Nevada range. Students also have the opportunity to gain an understanding of basic field techniques. This class is held in the field with required preliminary class meetings at West Valley College. Students are responsible for transportation and costs associated with travel, camping equipment, and related expenses.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2 - Life Sciences
Area B - Scientific Inquiry and Quantitative Reasoning; B3 - Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B - Biological Sciences
Area 5 - Physical and Biological Sciences: 5C – Laboratory

BIOL 058: Field Ecology
This course explores the ecology of plant and animal communities. Students have the opportunity to learn about field ecology in both the classroom and outdoor settings. Preliminary class meetings are followed by a field trip(s). Students must successfully complete class preparatory requirements in order to participate in the field trip(s). Students are responsible for transportation and costs associated with travel, meals, camping equipment and related expenses.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning; B2 - Life Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B - Biological Sciences

**BIOL 059: Climate Change**
This non-major course is an introduction to the biology of climate change. Students have the opportunity to learn the basics of how climate change works with an overview of both natural and anthropogenic forces that drive climate patterns. This course reviews climate change data and the evidence of past and present climate patterns. Students have the opportunity to learn how evidence and models predict how climate change is impacting and will impact the environment, biodiversity and human society, and to learn about climate change policy and the future of climate change impacts by exploring mediation at the global, national, state, community and individual level.

**Letter Grade**
**Units:** 3
**Lecture Hours:** 48 – 54, **Lab Hours:** 0
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to both UC and CSU

**WVC GE:** B. Natural Sciences
**CSU GE:** Area B - Scientific Inquiry and Quantitative Reasoning: B2- Life Sciences
**UC/IGETC GE:** Area 5 - Physical and Biological Sciences: 5B- Biological Sciences

**BUSINESS ADMINISTRATION**

**BUSN 005: Introduction to Project Management**
Students have the opportunity to manage a project's scope from inception to completion in order to successfully organize, implement, and complete project assignments. MS Project software and case studies are used to clarify concepts such as: project scope, task scheduling, resource allocations, vendor relationships, and risk management. The significant link between Project Management and achieving organizational goals and objectives is emphasized.

**Letter Grade, Pass/No Pass**
**Units:** 3
**Lecture Hours:** 48 – 54, **Lab Hours:** 0
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to CSU only

**BUSN 006: Negotiation Principles**
This class helps students plan for negotiating situations that arise in business environments. Students are introduced to the negotiating process through the study of written materials, classroom discussions, and role-playing. Emphasis is placed on understanding communication dynamics, defining goals, establishing tactics, assessing one's bargaining power, and resolving disagreements and conflicts. Through one-on-one and group role-playing, students have hands-on experience gaining negotiating skills. This class also discusses ethical issues arising in negotiations and negotiating in a cross-cultural context.

**Letter Grade, Pass/No Pass**
**Units:** 3
**Lecture Hours:** 48 – 54, **Lab Hours:** 0
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to CSU only

**BUSN 015: The Entrepreneurial Mindset**
This course reviews and analyzes social and business entrepreneurs throughout history and around the world. The personality traits and situational variables that facilitate the growth of an entrepreneurial mindset are explored. The motivations, contributions, and innovations of entrepreneurs are addressed in order to assist and empower students as they develop their own personal "entrepreneurial mindset" approaches for achieving their goals and aspirations.

**Letter Grade, Pass/No Pass**
**Units:** 3
**Lecture Hours:** 48 – 54, **Lab Hours:** 0
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to CSU only

**WVC GE:** D. Social Sciences: D1 - Social and Behavioral Sciences

**BUSN 024: International Business Management**
This course is an introduction to globalization and the cultural, economic, political, and legal environments of international business. The course includes an overview of risks, challenges, and opportunities in the global marketplace.

**Letter Grade, Pass/No Pass**
**Units:** 3
**Lecture Hours:** 48 – 54, **Lab Hours:** 0
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to both UC and CSU

**BUSN 028: Business Law**
This course is an introduction to the law and its relevance to business in general. The course introduces the meaning and sources of law in business, the organization of courts and court procedures, and the fundamental principles of the law in various aspects of business, with a particular focus on contract law. A fundamental understanding of common law principles is examined by analyzing selected cases, court decisions, and business transactions. Topics covered include sources of law and ethics, constitutional law, the court system, contracts, torts, agency, labor and employment, real property, product liability, criminal law, business organizations, and judicial and administrative processes.

**Letter Grade, Pass/No Pass**
**Units:** 3
**Lecture Hours:** 48 – 54, **Lab Hours:** 0
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to both UC and CSU
**C-ID:** BUS 125 - Business Law
Courses

BUSN 028H: Honors Business Law
Honors Business Law uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. The course requires a higher level of critical legal analysis beyond the non-honors section. This course is an introduction to the law and its relevance to business in general. The course introduces the meaning and sources of law in business, the organization of courts and court procedures, and the fundamental principles of the law in various aspects of business, with a particular focus on contract law. A fundamental understanding of common law principles is examined by analyzing selected cases, court decisions, and business transactions. Topics covered include sources of law and ethics, constitutional law, the court system, contracts, torts, agency, labor and employment, real property, product liability, criminal law, business organizations, and judicial and administrative processes.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: BUS 125 - Business Law

BUSN 034: Human Resource Management
This course is an in-depth study of human resources management in public and private organizations. Specific areas of human resource management to be studied are: the principles and methods involved in recruitment, selections and placement of employees; affirmative action programs, training and development; performance appraisals; compensation and benefits; legal aspects of human resources administration; and government regulations and statutes.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BUSN 036: Strategic Management
Strategic Management explores up-to-date, state-of-the-art planning concepts and techniques for achieving competitive advantage in today's dynamic business environment. Course topics include strategy formation, implementation and evaluation processes with a special focus on globalization, the natural environment, start-up organizations and entrepreneurship.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BUSN 040: Sales Strategies
This course examines the nature and concept of sales principles and strategies. Covering careers in selling in various fields, the course examines how to prospect, qualify, and make an effective sales presentation. Students taking this class have the opportunity to learn how to succeed in sales regardless of their chosen field. Motivation of the customer, handling customer objections and complaints, closing the sale, and follow up procedures are explored in depth.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BUSN 043: MS Office - Beginning Office Computing
This course introduces students to the Windows operating system. Students have the opportunity to learn basic Microsoft Word, Excel and PowerPoint.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BUSN 043A: Introduction to Google Workspace Cloud-based Software
This course introduces students to the Google Workspace cloud-based software, which includes Google Docs, Sheets, and Slides. Students have the opportunity to learn the basic functionality of each.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BUSN 043B: Microsoft Office & Google Workspace Interoperability
This course introduces students to the methods of importing and exporting files between Google Workspace cloud-based software (Google Docs, Sheets, and Slides) and Microsoft Office (Word, Excel, and PowerPoint).
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: BUSN 043 or BUSN 043A
Co-Requisites: None
Advisory: None
Transferable to CSU only
BUSN 044: Presentation, PowerPoint
Students in this course are given the opportunity to learn to use a comprehensive software program. The course introduces students to using templates for formatting text and data organized in outline form, preparing slide presentations, and printing presentation notes.
Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BUSN 046: Excelling With Excel
This course introduces students to the capabilities of a spreadsheet program. Students have the opportunity to create spreadsheet formats, enter text data and formula expressions by storing, retrieving, copying and printing spreadsheets. Students are introduced to macro capabilities and to creating graphic representations of data.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BUSN 046B: Beginning Spreadsheets: Microsoft Excel
This course introduces the capabilities of a spreadsheet program. Students have the opportunity to create spreadsheet formats, enter text data and formula expressions, and store, retrieve, copy and print spreadsheets. The course also includes instructions for creating graphic representations of data and an introduction to macro capabilities.
Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BUSN 047: Adobe Acrobat and PDF
This course focuses on using Adobe Acrobat to convert Microsoft documents to the PDF format. Also, the course covers enhancing PDF files with bookmarks, thumbnails, and links. Converting digital forms and web documents to PDF format is covered also.
Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BUSN 051: Introduction to Business
This course provides the student an introduction to American business in a global and culturally diverse environment, providing an overview of economics, ethics, management, marketing, operations, information management, accounting, and finance.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: BUS 110 - Introduction to Business

BUSN 054: Small Business Start Up and Management
This introductory course focuses on the kind of businesses most people start — small businesses in traditional markets. The course covers entrepreneurial competencies, environmental scanning, building legitimacy, developing a social network, women and minorities in small business, screening business ideas, identifying opportunities through creativity, cultivating an innovative frame of mind, small business strategies, marketing plans, managing cash flow, small business finance, inventory and operations management, human resource management and rewards and risks of starting a small business.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BUSN 056: Marketing Principles
This course gives students the opportunity to develop an overall understanding of marketing functions and their role in society. This course covers various activities involved in the transfer of goods from producer to consumer. Retail, wholesale, industrial, and online marketing channels and institutions are investigated. The marketing concept, promotional strategies, pricing policies, and international marketing are also explored.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BUSN 054: Small Business Start Up and Management
This introductory course focuses on the kind of businesses most people start — small businesses in traditional markets. The course covers entrepreneurial competencies, environmental scanning, building legitimacy, developing a social network, women and minorities in small business, screening business ideas, identifying opportunities through creativity, cultivating an innovative frame of mind, small business strategies, marketing plans, managing cash flow, small business finance, inventory and operations management, human resource management and rewards and risks of starting a small business.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: BUS 110 - Introduction to Business

BUSN 056: Marketing Principles
This course gives students the opportunity to develop an overall understanding of marketing functions and their role in society. This course covers various activities involved in the transfer of goods from producer to consumer. Retail, wholesale, industrial, and online marketing channels and institutions are investigated. The marketing concept, promotional strategies, pricing policies, and international marketing are also explored.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

BUSN 061: Business, Government, and Society
This class offers students an opportunity to learn about the mutually interdependent nature of business, government, and society. The class focuses on how business affects society and vice-versa. Topics covered in this class include business ethics, government regulation, the global environment of business, and the societal challenges and benefits of business activity.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
E. Lifelong Learning
CSU GE: Area D - Social Sciences
**BUSN 062: Business Mathematics**
In this course, students have the opportunity to apply mathematical principles used in accounting, banking, insurance, finance, buying, selling, and real estate. Applied mathematics is emphasized through the study of world problems, time value of money, simple and compound interest, and analysis of financial statements.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: MATH 903 or MATH 903R or LRSV 945
Co-Requisites: None
Advisory: None
Transferable to CSU only

**BUSN 066: Human Relations in Business**
This course is the study of human relations behavior in business organizations. Emphasis is on personal/interpersonal relationships; developing leadership for business success; maximizing human potential to meet present and future challenges by developing teamwork, building commitment, and applying traditional human relations theories to today's society.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

**BUSN 068: Organizational Behavior**
Organizational Behavior is a comprehensive, reality-based course that investigates and illustrates behavior patterns in organizations. Emphasis is on globalzation, diversity and ethics using current, real-world examples. It includes three levels of analysis -- the individual, the group, and the organization-system -- and provides skill-building opportunities that demonstrate the linkage between organizational behavior theory and skill application.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

**BUSN 070: Effective Office Skills**
This course provides comprehensive coverage and integration of business skills and issues. It is designed to help develop decision-making skills, and establish a foundation in business procedures. Study of the electronic office, technology and procedures, document creation and distribution, research and organization of business reports, travel and conference planning, financial and legal procedures, and employment and career advancement is included.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

**BUSN 078: Business Communication**
This course applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. This course emphasizes planning, organizing, composing and revising documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral reports. This course is designed for students who already have college-level writing skills.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ENGL 001A
Co-Requisites: None
Advisory: None
Transferable to CSU only

**CHEM 001A: General Chemistry**
This course covers the nature of matter and the changes it undergoes. Concepts covered include dimensional analysis, the structure of atoms, chemical equations, and stoichiometric calculations, properties of solutions, gas laws, calorimetry, Lewis structures, molecular geometry, oxidation-reduction, equilibrium, electron configurations and intermolecular forces.
Letter Grade
Units: 5
Lecture Hours: 64 – 72, Lab Hours: 48 – 54
Prerequisites: CHEM 002, MATH 106R or CHEM 002, MATH 106
Co-Requisites: None
Advisory: None
Additional Requisite Information: The CHEM 002 prerequisite can be satisfied by the successful completion of one year of high school chemistry
Transferable to both UC and CSU

**CHEMISTRY**
**CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning:** B1- Physical Sciences
**UC/IGETC GE: Area 5 - Physical and Biological Sciences:** 5A- Physical Sciences

**CHEM 110: General Chemistry for Science Majors I, with Lab**
This course focuses on the fundamental principles of chemistry, with an emphasis on applications in the sciences. Topics include atomic structure, bonding, reaction mechanisms, and thermodynamics.
**C-ID: CHEM 110 - General Chemistry for Science Majors I, with Lab**
**CHEM 120: General Chemistry for Science Majors II, with Lab**
This course continues the study of chemistry, building upon the concepts introduced in CHEM 110. Topics covered include quantum mechanics, spectroscopy, and advanced reaction mechanisms.
**C-ID: CHEM 120 - General Chemistry for Science Majors II, with Lab**
CHEM 001B: General Chemistry
This course is a continuation of CHEM 001A. The units of study will include solution equilibria, electrochemistry, thermodynamics, coordination compounds, and kinetics. The laboratory consists of data-driven analyses of chemical principals and techniques, including the synthesis of a variety of compounds.
Letter Grade
Units: 5
Lecture Hours: 64 – 72, Lab Hours: 48 – 54
Prerequisites: CHEM 001A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical SciencesArea B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical SciencesArea 5 - Physical and Biological Sciences: 5C - Laboratory
C-ID: CHEM 120 S - General Chemistry for Science Majors Sequence A

CHEM 002: Introductory Chemistry
This course is an introduction to the fundamental principles of chemistry and includes atomic theory, chemical bonding, molecular structure, chemical reactions, stoichiometry, gas laws, liquids and solids, acids and bases, equilibrium, energy, and solution chemistry. The course stresses problem solving and is designed specifically to prepare the student for Chemistry 001A.
Letter Grade
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: MATH 106 or MATH 106R
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical SciencesArea B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical SciencesArea 5 - Physical and Biological Sciences: 5C - Laboratory
C-ID: CHEM 101 - Introduction to Chemistry

CHEM 012A: Organic Chemistry
This course focuses on the fundamentals of organic chemistry with emphasis on underlying concepts. Modern laboratory techniques, including instrumental methods of structure determination, are covered. The course is recommended for chemistry majors, chemical engineering majors, most biology majors, and for pharmacy, pre-medical and pre-dental students.
Letter Grade
Units: 5
Lecture Hours: 48 – 54, Lab Hours: 96 – 108
Prerequisites: CHEM 001B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical SciencesArea B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical SciencesArea 5 - Physical and Biological Sciences: 5C - Laboratory
C-ID: CHEM 150 - Organic Chemistry for Science Majors I, with LabCHEM 160 S - Organic Chemistry for Science Majors Sequence A

CHEM 012B: Organic Chemistry
This is a continuation of Chemistry 12A. Chemistry 12B covers the fundamentals of organic chemistry with emphasis on families of organic compounds and the unique reactions they undergo; synthesis; reaction mechanisms; molecular structure and properties; modern laboratory techniques; and instrumental methods of structure determination. It is recommended for chemistry majors, chemical engineering majors, most biology majors, and for pre-medical and pre-dental students.
Letter Grade
Units: 5
Lecture Hours: 48 – 54, Lab Hours: 96 – 108
Prerequisites: CHEM 012A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical SciencesArea B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical SciencesArea 5 - Physical and Biological Sciences: 5C - Laboratory
C-ID: CHEM 160 S - Organic Chemistry for Science Majors Sequence A

CHEM 030A: Fundamentals of Chemistry
This is an elementary course for non-science majors covering the basic principles of inorganic chemistry. It is especially designed for majors in the following four-year programs: Nursing, Physical Education, Administration of Justice, Psychology, Sociology, and Dental Hygiene. Not recommended for science majors.
Letter Grade
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: MATH 106 or MATH 106R
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical SciencesArea B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical SciencesArea 5 - Physical and Biological Sciences: 5C - Laboratory

CHEM 030B: Fundamentals of Chemistry
This course is a continuation of Chemistry 30A with emphasis in fields of organic and introductory biochemistry. Topics include an introduction to organic chemistry, DNA, RNA, important biological molecules and metabolic pathways.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: CHEM 002 or CHEM 030A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical SciencesArea B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical SciencesArea 5 - Physical and Biological Sciences: 5C - Laboratory
CHEM 050: Chemical Skills
This course is designed to strengthen the basic skills required in CHEM 001A. Topics covered include chemical problem solving with the following concepts: atomic structure and election configurations, dimensional analysis, chemical formulas, chemical equations, stoichiometric calculations, solutions, gas laws, calorimetry, molecular geometry, oxidation-reduction, net ionic equations, intermolecular forces, equilibrium.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

CHILD STUDIES AND ELEMENTARY EDUCATION
CHST 001: Principles & Practices of Teaching Young Children
This course examines the underlying theoretical principles of developmentally appropriate practices applied to programs and environments. Emphasis is on the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all young children. This course includes a review of the historical roots of early childhood programs, the role of play for young children, and the evolution of the professional practices promoting advocacy, ethics, and professional identity.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: ECE 120 - Principles & Practices of Teaching Young Children

CHST 002: Child Growth and Development
This course examines the progression of development in the physical, cognitive, and social emotional domains and identifies developmental milestones for children from conception through adolescence. Emphasis is on the interactions between biological processes and environmental factors. Students are given the opportunity to observe children, evaluate individual differences and analyze characteristics of development at various stages according to developmental theories.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D: Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social SciencesArea E - Lifelong Learning and Self Development
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: CDEV 100 - Child Growth and Development

CHST 005: Diversity - Childhood and Culture
This course examines the development of social identities in diverse societies, including the theoretical and practical implications of social identities as they affect young children, families, programs, teaching, education, and schooling, with a specific focus on African American, Native American, Asian American, Middle Eastern American, and Latina and Latino American groups. Culturally responsive and linguistically appropriate anti-bias and anti-racist approaches are emphasized. This course also involves self-reflection of one's own understanding of the impact of systemic racism and white supremacy on educational outcomes for African American, Native American, Asian American, Middle Eastern American, and Latina and Latino American children. Students are given the opportunity to integrate anti-bias and anti-racism goals to better inform their teaching practices and/or program development.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D: Social Sciences: D1 - Social and Behavioral Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: ECE 230 - Teaching in a Diverse Society

CHST 034A: Introduction to the Child With Special Needs
This course is designed for students who desire to work in diverse childhood settings that serve ALL children, including children with disabilities and special needs. This course provides an overview of atypical development, common disabilities of children, and the impact on families. Educational, historical, societal, and developmental issues are covered. Special education laws, the identification and referral process, the development and implementation of an Individualized Family Service Plan (IFSP) and an Individual Education Program (IEP), methods of intervention, and case management are explored. Students are given an opportunity to conduct an observation of children and converse with family members and/or community agencies.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: CHST 002
Transferable to CSU only

CHST 034B: Curriculum and Strategies for Children with Special Needs
This course focuses on the practical applications of theories and research from the fields of both early childhood education and special education. Topics include the use of observation and assessments, and the implementation of Individual Education Plans (IEP) and Individual Family Service Plans (IFSP). Students are introduced to curriculum modification strategies for children with disabilities in order to meet their unique developmental needs in inclusive and natural environments. Specific attention is placed on the role of the teacher as a professional working with families, collaborating with interdisciplinary teams, and developing cultural competence.
Pass/No Pass, Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: CHST 034A, CHST 080
Transferable to CSU only
CHST 034C: Guidance and Strategies for Challenging Behaviors
This course is appropriate for classroom teachers in various settings including inclusive and special education classrooms. Students have the opportunity to examine developmentally appropriate behaviors, challenging behaviors, and the various influences that affect children's behavior, including culture and teachers' behaviors and perceptions. Additional topics include analyzing children's behaviors and selecting guidance strategies and prevention techniques to make positive changes. Emphasis is on the connection between children's social emotional development, their success in the classroom, and classroom management.
Pass/No Pass, Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: CHST 002
Transferable to CSU only

CHST 035A: Field Experience in Early Childhood Education
This course provides students with the opportunity to apply knowledge of young children's growth and development and developmentally appropriate curriculum by working under the supervision of a certified early childhood teacher in an early childhood setting. A minimum of 120 hours is required.
Pass/No Pass, Letter Grade
Units: 2
Lecture Hours: 0, Lab Hours: 0
Prerequisites: CHST 001, CHST 002, CHST 063, CHST 080
Co-Requisites: CHST 035A
Advisory: None
Transferable to CSU only
C-ID: ECE 210 - Practicum in Early Childhood Education

CHST 035: Practicum in Early Childhood Education
In this course students have the opportunity to practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students have the opportunity to utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment and knowledge of curriculum content areas are emphasized as student teachers have the opportunity to design, implement, and evaluate experiences that promote positive development and learning for all young children. Students may be placed in the public school setting in pre-kindergarten to 3rd grade classrooms, in licensed early childhood programs serving infants through school-age children, or in classrooms serving children with special needs.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: CHST 001, CHST 002, CHST 063, CHST 080
Co-Requisites: CHST 035A
Advisory: None
Transferable to CSU only
C-ID: ECE 210 - Practicum in Early Childhood Education

CHST 053: Contemporary Education in a Changing Society
This course focuses on American education and its policies from a diversity, equity and inclusion perspective, including education's impact on children, families, and communities, and the challenges of teaching in a diverse society. Additional topics include classroom experiences, educational philosophies, curriculum standards, assessment, teacher responsibilities, and parent partnerships. This course also covers the international perspective on school systems, pedagogy, achievement, beginning school, and pre-kindergarten practices in today's global society.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development

CHST 058: EC Language and Literacy Curriculum
This course presents an overview of developmentally appropriate language and literacy experiences for young children from birth through age 8. Topics include the developmental stages of receptive and expressive language, conversations, print awareness, phonemic awareness, reading, writing, and bilingual development. Students have the opportunity to use language arts materials, design print-rich environments, and plan language and literacy experiences for young children.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

CHST 059: EC Music and Movement Curriculum
This course presents an overview of developmentally appropriate music and movement experiences for young children from birth through age 8. Topics include the role of music in the classroom, singing and the human voice, children's exploration of musical instruments, movement and motor development, instructional approaches to music and movement curriculum, cultural influences, integrating music and movement into other curricular areas, and leading games and circle time.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

CHST 060: Early Childhood STEM Curriculum
This course provides an examination of cognitive development in young children within the context of early childhood Science, Technology, Engineering and Math (STEM) curriculum. Emphasis is on developmentally appropriate learning experiences which enhance children's thinking and understanding of the physical and social world. Additional topics include brain development, implications of Piaget's and Vygotsky's theory of constructivism, teacher-learner interactions, and using content standards for science and mathematics.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
CHST 063: Child, Family, and Community
This course examines the developing child in a societal context focusing on the interrelationship of family, school, and community and emphasizes historical and socio-cultural facts. The processes of socialization and identity development are highlighted, showing the importance of respectful reciprocal relationships that support and empower families.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
UC GE: D. Social Sciences: D1 – Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
WVC GE: Area A - Understanding and Development
Area D - Social Sciences
Area E - Lifelong Learning and Self Development

CHST 064: Supervision and Administration I
This course is an in-depth study of the effective application of management and supervision procedures in early childhood programs. Topics include the unique goals, role and responsibility of the director; licensing and other regulation requirements; administrative structure and governance. The course also covers budgeting, staff selection, program operation, policies and procedures, marketing, program assessment, and professional advocacy.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

CHST 065: Supervision and Administration II
This class focuses on the principles and practices of supervision within early care and education programs. The social structure of the program is studied including organizational structure and processes, building partnerships with parents and staff, decision-making and problem solving processes, group dynamics, managing change, motivation, and leadership.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: CHST 064
Transferable to CSU only

CHST 066: Child Safety, Health and Nutrition
The course in child safety, health and nutrition is designed for persons working with typical and atypical young children. It includes the study of infectious disease, preventative health practices, infant/child/adult first aid/ CPR and injury prevention, nutrition components, food pyramid/plate, and menu planning. This course is designed to meet state requirements in accordance with SB 1524.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
C-ID: ECE 220 - Health, Safety and Nutrition

CHST 067: EC Creative Arts Curriculum
This course presents an overview of developmentally appropriate creative art experiences for young children from birth through age 8. The developmental aspects of art expression, the role of the environment, materials, and adult-child interaction in fostering and nurturing creative art expression are emphasized. Other topics include the documentation of art expression, how culture impacts children's art processes and products, and the factors that impact the development of creative expression and aesthetics in children.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

CHST 070: Infant-Toddler Development & Care
This course covers infant/toddler development to age three, with an emphasis on physical, emotional, social, and cognitive development. Other topics include program planning based on the understanding of development needs and the observation of individual infants and the application of theories to create a developmentally appropriate curriculum. This course fulfills state and social services program requirements for infant/toddler care.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

CHST 080: Introduction to Curriculum
This course presents an overview of knowledge, skills, and theories of learning and development related to providing appropriate curriculum and environments for young children from birth to age eight. Students have the opportunity to examine a teacher's role in supporting development and engagement for all young children. This course covers strategies for developmentally-appropriate practice based on observation and assessments across an integrated curriculum, including indoor and outdoor settings; academic content areas; play and visual performing arts; and development of social-emotional, communication, and cognitive skills.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: CHST 002, CHST 063
Advisory: None
Transferable to CSU only
C-ID: ECE 130 - Introduction to Curriculum

CHST 085: Adult Supervision in Early Childhood Programs
This course is a study of methods and principles of program and professional assessment, evaluation, and communication appropriate for individuals who supervise adult teachers, parents, and volunteers in early childhood programs. A variety of professional and program instruments are discussed, including NAEYC and NAFCC Accreditation self-study materials designed for use in assessing staff performance and program quality. The course offers an in-depth analysis of on-going assessment and its importance in program and professional development. In addition, self-assessment, leadership style, communication styles, and career development are examined.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
CHST 087: Observation and Assessment
This course is an in-depth study of techniques to observe and record behavior in educational settings. Emphasis is on the observation and assessment of behavior as an integral element within the context of the developmental interaction and emergent curriculum models. The use of findings to inform and plan learning environments and experiences are emphasized. Recording strategies, rating systems, portfolios, and multiple assessment methods are explored.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 40 – 45, Lab Hours: 24 – 27
Prerequisites: CHST 002, CHST 063
Advisory: None
Transferable to CSU only
C-ID: ECE 200 - Observation and Assessment

CHST 088A: The Outdoor Environment
This course focuses on the value of nature in childhood experiences and examines the potential of the outdoor playground to become an extension of the classroom, offering many opportunities for children to explore, create, discover, and learn. Topics include playground design, enhancing outside play and learning opportunities, teacher and parent education, curriculum planning, and daily routines that support active participation in the outdoor environment.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

ELED 020: Introduction to Elementary Teaching
This course introduces students to the concepts and issues related to teaching diverse learners in today’s contemporary schools. Kindergarten through grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California’s content standards and frameworks, and teacher performance standards. In addition to class time, the co-requisite course, ELED 20A, requires a minimum of 60 hours of structured fieldwork in public school elementary classrooms and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: ELED 020A
Advisory: None
Transferable to both UC and CSU
C-ID: EDUC 200 - Introduction to Elementary Classroom Teaching

ELED 020A: Field Experience in Elementary Teaching
This course provides students with the opportunity to apply knowledge of school-age children and appropriate curriculum by working under the supervision of a certified teacher in a public school setting (a minimum of 60 hours is required).
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 0
Prerequisites: None
Co-Requisites: ELED 020
Advisory: None
Transferable to both UC and CSU
C-ID: EDUC 200 - Introduction to Elementary Classroom Teaching

COMMUNICATION DESIGN
DIGM 001: The Creative Suite for Graphic Designers
This course provides an overview of the Adobe software used in graphic design and the graphic arts. The course focuses on examining and developing the technical skills used in graphic production and the intuitive skills designers develop pertaining to culture and life experience that assist in developing and communicating ideas and messages.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

DIGM 002: Introduction to Electronic Communication
This course introduces the history, structure, function, economics, content, and evolution of radio, television, film, the internet, and new media, including traditional and mature formats. The social, political, regulatory, ethical and occupational impact of the electronic media are also studied.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

DIGM 003: Introduction to Graphic Design
This course focuses on the fundamental elements of design and introduces the software applications used in graphic design production. Topics covered include design concepts, creative process, visual construction, and the technical limitations and parameters for creating digital imagery and graphic solutions.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

DIGM 004: Principles of Design
This course provides a studio experience that engages a series of problems and themes in basic two design dimension. Students have the opportunity to develop fundamental design skills in a range of media. Additional focus includes the examination and development of design principles, attributes, and solving design problems utilizing a range of creative and critical perspectives.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: DIGM 003, DIGM 014C
Transferable to CSU only
DIGM 011: Blogs and Site Development: WordPress
Students have the opportunity to learn how to design, customize, and maintain blogs on the Internet. The course introduces the WordPress content management system (CMS) for the development of custom blogs and the modification of templates for blog and website publishing. Plugins and third party applications are also examined and implemented into blogging solutions.
Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: DIGM 003
Transferable to CSU only

DIGM 014C: Digital Illustration: Illustrator
This course introduces vector-based tools and techniques for illustration purposes and explores approaches to digital illustration for specific design applications and media. Additional focus includes concept development and illustrative techniques that pay particular attention to creative approaches to design solutions and developing individual illustration styles.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

DIGM 014D: Photoshop for Designers
This course is designed for students who want to learn advanced techniques in Photoshop. The course focuses on developing design solutions for a variety of media and platforms and provides advanced instruction on image editing, image construction, compositing techniques, and the creation and production of design specific art work.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

DIGM 020A: Interface Design
This course focuses on creating a quality user experience for digital applications and web sites. The course also explores what makes digital interfaces user friendly and how design patterns can work across different devices. User experience processes and strategies will be explored.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

DIGM 021A: Web Development 1
This course focuses on using the most recent version of HTML and CSS to create web sites and mobile applications. The course also covers web standards following ADA requirements and validation. Students have the opportunity to plan, code and launch web sites for web and mobile platforms and work in teams using UX and interface design techniques.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

DIGM 021B: Web Development 2
This course focuses on advanced programming and markup of code for web sites and applications. The latest web programming languages are explored including: HTML, PHP, JavaScript, CSS, and JSON. Students have the opportunity to develop responsive web sites and web applications for desktop as well as mobile platforms. Additional focus is on user experience design guidelines and team development projects.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: DIGM 021A
Transferable to CSU only

DIGM 021M: Introduction to App Design
This course focuses on the planning and the delivery of applications for mobile and tablet devices. Students have the opportunity to learn object-oriented programming and use applications to build application on phones and tablets. Students have the opportunity to learn UX design processes and build prototypes for digital products.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

DIGM 021X: Application Design and Development 2
This course focuses on planning and programming applications for phones, tablets, and augmented environments. Interface design and human computer interaction are considered in relation to developing applications. Students have the opportunity to learn the latest application design processes. Working in design teams students also have the opportunity to develop native applications for different platforms and environments.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: DIGM 021M
Not transferable
DIGM 022A: Digital Video 1
This course introduces the stages of video making, including narrative structure and the acquisition of video production skills in camera, lighting, sound and editing. Also covered are principles of motion graphics and post-production delivery for streaming and social media.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

DIGM 025: Introduction to Internet Marketing
This course introduces topics pertinent to foundation skills in web marketing. The course focuses on determining customer need, building a marketing framework, developing a brand’s story, and strategies for traffic acquisition and developing long term relationships with customers. Other topics covered include: search engine optimization, web analytics and using a diverse range of media (video, ads, blogs) in order to develop a compelling marketing campaign.
Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

DIGM 025A: Advanced Internet Marketing
This course focuses on writing an online marketing plan. This course also covers marketing software tools and services used in developing and managing a marketing strategy.
Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: DIGM 025
Transferable to CSU only

DIGM 025B: Social Media Marketing
This course provides a critical framework for developing a comprehensive social media marketing campaign. Additional focus is on the digital tools and software used to manage social media content.
Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

DIGM 086: Portfolio Development
This course is designed for students committed to developing a portfolio for work, transfer, and other purposes. The course covers identifying professional goals, analyzing different types of portfolios, legal and ethical issues pertinent to the field, and developing a professional skills based resume. All portfolios are presented at the end of the semester.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

DIGM 099: Introduction to Typography
This course focuses on creating typographic solutions for graphic design. Key topics include an historical overview of letterforms and type classifications, factors contributing to the style and functionality of type face design, and the fundamental principles of typographic layouts and lettering techniques commonly used in graphic design. The anatomy of type and how typefaces communicate message/purpose are also covered in the course.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: ARTS 031A, ARTS 033A or ARTS 031A, DIGM 004
Transferable to both UC and CSU
WVC GE: C. Humanities

COMMUNICATION STUDIES

COMM 001: Public Speaking
This introductory communication course offers students the tools and confidence necessary to elevate their voices within a democratic society. Students are coached on how to organize, develop, and deliver speeches in an inclusive environment. In this course, students also have the opportunity to discover, develop, and critique diverse ideas in public discourse through research, reasoning, organization, outlining, presenting, and evaluating various types of speeches. Students are invited to explore theories and techniques of ethical and listener-centered public speaking and to learn how to apply that knowledge to their personal and professional lives.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 905 or LRSV 941C
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
UC/IGETC GE: Area 1 - English Communication: 1C - Oral Communication (CSU requirement only)
C-ID: COMM 110 - Public Speaking
COMM 001H: Honors Public Speaking
This introductory communication course offers students the tools and confidence necessary to elevate their voices within a democratic society. Students are coached on how to organize, develop, and deliver speeches in an inclusive environment. In this course, students also have the opportunity to discover, develop, and critique diverse ideas in public discourse through research, reasoning, organization, outlining, presenting, and evaluating various types of speeches. Students are invited to explore theories and techniques of ethical and listener-centered public speaking and to learn how to apply that knowledge to their personal and professional lives. Honors Public Speaking uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 905 or LRSV 941C
Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
UC/IGETC GE: Area 1 - English Communication: 1C - Oral Communication (CSU requirement only)
C-ID: COMM 110 - Public Speaking

COMM 004: Small Group Discussion
This course is designed to provide students with theoretical and practical insights, experiences, and principles of communication in a variety of group contexts. Areas of focus include the theory and practical application of leadership, information-sharing, problem-solving, conflict management, and critical decision-making. The communication process is also evaluated.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ENGL 905
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development
CSU GE: Area E - Lifelong Learning and Self Development
C-ID: COMM 140 - Small Group Communication

COMM 007: Survey of Communication: Career
This survey course provides students with the opportunity to explore the basic foundations of interpersonal communication, small group communication, and public speaking as it relates to their present or future careers. Students are invited to examine and apply communication principles and theories and develop critical thinking and communication competencies, at a basic level, in a variety of workplace contexts. Students are coached on how to develop and deliver business presentations. Students are guided on how to apply career communication strategies, including equity and inclusion practices, to build more satisfying workplace relationships. The course also explores the breadth of the communication discipline and encourages students to practice core communication skills such as networking, interviewing, leadership, team building, meeting facilitation, conflict management, and active listening.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
D. Social Sciences: D1 - Social and Behavioral Sciences

COMM 008: Interpersonal Communication
This course is designed to help students analyze verbal and nonverbal transactions occurring in both personal and professional interpersonal contexts. It includes the study and application of various interpersonal communication skills in order to build healthier relationships, such as active listening, conflict management strategies, and identity construction within social and cultural contexts. This course gives students the opportunity to practically apply theory and research within their various interpersonal relationships.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 905, READ 053
Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development
CSU GE: Area E - Lifelong Learning and Self Development
C-ID: COMM 130 - Interpersonal Communication

COMM 010: Introduction to Persuasion
This introductory course provides students with theories and skills necessary to create ethical, logical, and impactful persuasive messages that advocate for positive change. Students are invited to examine historical and contemporary approaches to persuasive messages throughout time and in everyday communication, including how to analyze, critique, and promote ideas. Students are encouraged to understand inductive and deductive reasoning processes to reach well-supported conclusions rooted in logic. Students are coached on how to understand and recognize formal and informal fallacies of language and thought, developing the ability to distinguish matters of factual evidence from judgement or opinion. This course also focuses on how to confidently and ethically present persuasive appeals, including how to construct and deliver persuasive messages.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: COMM 001
Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
UC/IGETC GE: Area 1 - English Communication: 1C - Oral Communication (CSU requirement only)
C-ID: COMM 190 - Introduction to Persuasion
### COMM 010H: Honors Introduction to Persuasion
This introductory course provides students with theories and skills necessary to create ethical, logical, and impactful persuasive messages that advocate for positive change. Students are invited to examine historical and contemporary approaches to persuasive messages throughout time and in everyday communication, including how to analyze, critique, and promote ideas. Students are encouraged to understand inductive and deductive reasoning processes to reach well-supported conclusions rooted in logic. Students are coached on how to understand and recognize formal and informal fallacies of language and thought, developing the ability to distinguish matters of factual evidence from judgment or opinion. This course also focuses on how to confidently and ethically present persuasive appeals, including how to construct and deliver persuasive messages. Honors Introduction to Persuasion uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit.

**Letter Grade**

**Units:** 3

**Lecture Hours:** 48 – 54, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** COMM 001H

Transferable to both UC and CSU

**WVC GE:** A. Language and Rationality: A2 - Communication and Analytical Thinking

**CSU GE:** Area A - English Language Communication and Critical Thinking: A1 - Oral Communication

**UC/IGETC GE:** Area 1 - English Communication: 1C - Oral Communication (CSU requirement only)

**C-ID:** COMM 190 - Introduction to Persuasion

### COMM 012: Intercultural Communication
This course highlights the importance of culture and how it constructs and creates verbal and nonverbal communication in global and domestic contexts. The emphasis is on the influence of culture, language, and social patterns on how members of cultures relate among themselves and with members of diverse groups. It is designed to help students appreciate and compare intercultural communication patterns within the larger context of American culture. It provides theoretical knowledge and practical application of effective communication within and between diverse cultural groups.

**Letter Grade**

**Units:** 3

**Lecture Hours:** 48 – 54, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** READ 053

Transferable to both UC and CSU

**WVC GE:** F. Cultural DiversityD. Social Sciences: D1 - Social and Behavioral SciencesE. Lifelong Understanding and Development

**CSU GE:** Area D - Social Sciences Area E - Lifelong Learning and Self Development

**UC/IGETC GE:** Area 4 - Social and Behavioral Science

**C-ID:** COMM 150 - Intercultural Communication

### COMM 020: Argumentation and Debate
This course emphasizes the methods and basic principles of critical inquiry, argument, advocacy, as well as classical and dialogical debate structures. Students are introduced to brief preparation, rhetorical theory, testing evidence, evaluating evidence sources, advancing reasoned positions, and effectively presenting and defending those positions. Analysis, presentation, and the evaluation of oral and written arguments are covered including identifying logical fallacies in reasoning and language. This course includes preparing and presenting two or more oral debates within the physical presence of the live classroom audience.

**Letter Grade**

**Units:** 3

**Lecture Hours:** 48 – 54, **Lab Hours:** 0

**Prerequisites:** ENGL 905

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** A. Language and Rationality: A2 - Communication and Analytical Thinking

**CSU GE:** Area A - English Language Communication and Critical Thinking: A1 - Oral Communication

**UC/IGETC GE:** Area 1 - English Communication: 1C - Oral Communication (CSU requirement only)

**C-ID:** COMM 120 - Argumentation or Argumentation and Debate

### COMPUTER SCIENCE

#### CIST 002: Introduction to Computing
This is an introductory course in personal productivity computing, introducing students to the concepts and uses of computing in education, business, and society. Fundamentals of each of the major components of a computing system are examined: elementary functions of hardware; software for systems operations and applications; the relationship of data and information; the need for proper procedures; and the people who use and support computing. Students use computers for hands-on experience of computer productivity applications, including word processing, spreadsheets, presentation manager, database management, and Internet access.

**Letter Grade, Pass/No Pass**

**Units:** 4

**Lecture Hours:** 64 – 72, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** MATH 106 or MATH 106R

Transferable to both UC and CSU

**WVC GE:** A. Language and Rationality: A2 - Communication and Analytical Thinking

**C-ID:** BUS 140 - Business Information Systems, Computer Information Systems

#### CIST 004A: Computer Programming I (C++ Programming)
This is a foundation course emphasizing the concepts and methodologies of programming using the C++ language. Emphasis is on good programming style, object-oriented design, decomposition, encapsulation, abstraction, and testing. Example topics include memory allocation, flow control, logic, objects, classes, methods and argument passing, control structures, and iteration. Students have the opportunity to learn programming, documentation and software testing skills, algorithmic problem-solving, programming methodologies, and to write and debug small to medium-sized programs.

**Letter Grade, Pass/No Pass**

**Units:** 4

**Lecture Hours:** 64 – 72, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** MATH 106 or MATH 106R

Transferable to both UC and CSU

**WVC GE:** A. Language and Rationality: A2 - Communication and Analytical Thinking

**C-ID:** COMP 122 - Programming Concepts and Methodology I
Courses

CIST 004A1: Computer Programming I (Java)
This is a foundation course emphasizing the concepts and methodologies of programming using the Java language. Emphasis is on good programming style, object-oriented design, decomposition, encapsulation, abstraction, and testing. Example topics include memory allocation, flow control, logic, objects, classes, methods and argument passing, control structures, and iteration. Students have the opportunity to learn programming, documentation and software testing skills, algorithmic problem-solving, programming methodologies, and to write and debug small to medium-sized programs.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: MATH 106 or MATH 106R
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
C-ID: COMP 122 - Programming Concepts and Methodology I

CIST 004B: Data Structures using Advanced C++
This is a continuation of CIST 004A (Introduction to Computer Programming I-C++) intended for students majoring in CIS-Computer Science Option and/or planning to transfer to a 4-year college or university Computer Science program. CIST 004B introduces concepts of abstract data types, C++ classes, separate compilation, and information hiding. Topics in data structures (dynamic allocation, linked lists, stacks and queues, and binary trees), and sorting/searching algorithms are introduced. The course includes both lecture and programming in C++.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: CIST 004A
Co-Requisites: None
Advisory: MATH 106 or MATH 106R
Transferable to both UC and CSU
C-ID: COMP 132 - Programming Concepts and Methodology II

CIST 004B1: Data Structures using Advanced Java
This course provides an introduction to data structures and analysis of algorithms including concepts of abstract data types, generics, separate compilation, information hiding, dynamic allocation, linked lists, stacks, queues, hashing, binary trees and graphs, as well as sorting and searching algorithms. The course includes both lecture and programming in Java. This is a continuation of CIST 004A1 intended for students majoring in Computer Science.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: CIST 004A1
Co-Requisites: None
Advisory: MATH 106 or MATH 106R
Transferable to both UC and CSU
C-ID: COMP 132 - Programming Concepts and Methodology II

CIST 005A: Introduction to Python
This is a foundation course emphasizing the concepts and methodologies of programming using the Python language. Emphasis is on good programming style, object-oriented analysis and design, decomposition, encapsulation, abstraction and testing. Example topics include objects/classes, functions, argument passing, control structures, repetitions, lists/tuples, strings, dictionaries/sets, and recursion. Students have the opportunity to learn programming and documentation skills, algorithm problem-solving, programming methodology, and to write small-to-medium sized programs.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MATH 106 or MATH 106R
Transferable to both UC and CSU

CIST 005B: Advanced Python
This course offers a continuation of CIST 5A (Introduction to Computer Programming I (Python)) intended for students majoring in CIS-Computer Science Option and/or planning to transfer to a 4-year college or university. CIST 5B introduces concepts of abstract data types, Python classes, modules, and information hiding. The course introduces sorting/searching algorithms and topics in data structures, including collection types, complexity analysis, big-O notation, arrays, linear linked structures, interfaces and implementations, information hiding, polymorphism, stacks, queues, lists, trees, binary search trees, heaps, expression trees, unordered collections, bags, sets, dictionaries, and graphs.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: CIST 005A, MATH 106 or CIST 005A, MATH 106R
Transferable to both UC and CSU

CIST 037: C Programming
The fundamentals of ANSI C language syntax, including C data types, statements (sequence, selection, and repetition), and standard C libraries are introduced in this course. Structured programming style using the C language is emphasized. Advanced topics such as structures, external files, bit manipulation, and pointers/dynamic allocation are also included.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: CIST 004A or CIST 004A1
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
CIST 039: Microcomputer Assembler Programming
This course introduces the fundamental concepts of computer organization and assembly language programming. It studies the basic Instruction Set Architecture and hardware of a modern computer processor. It explores how computer systems execute programs; the representation of characters, integers, and floating point values; and the manipulate data, working from a high level programming language down to the hardware. Topics also include the processor pipeline, memory hierarchy, and calling conventions. Programs will emphasize assembly language coding standards and debugging techniques.

Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 0, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

CIST 046A: Introduction to Linux
This course covers Linux operating system essential features, such as: Linux history, root privileges, basic utilities, file utilities, pipelines, compressing and archiving files, user/system information, user messaging, email, file system, links, shell, regular expressions, and secure network connectivity tools.

Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MATH 106 or MATH 106R
Transferable to both UC and CSU

CIST 046B: Linux Shell Programming
This course covers shell scripting in Linux. Students have the opportunity to access the command line interface; use basic bash shell commands to navigate the filesystem; manage files/directories; monitor programs and disk space; use built-in bash commands; write shell scripts (with variables, pipes, repetitions, user-inputs); run commands in background; and use regular expressions and tools, like sed and gawk for pattern searching/ transformation and stream processing. Students have the opportunity to automate system administration tasks, install application packages, create and use MySQL database objects, use lynx text-based browser to retrieve text data from web sites, and send emails via Linux email server.

Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: CIST 046A, MATH 106 or CIST 046A, MATH 106R
Transferable to both UC and CSU

CONTINUING EDUCATION - ADAPTED PHYSICAL EDUCATION
NCPE 1.30: Adapted Fitness
This adapted fitness course is designed for students with disabilities. Individualized exercise programs are created that focus on overall cardiovascular endurance, strength and flexibility training. The programs address the limitations of the individual's disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCPE 1.31: Adapted Aerobic Exercise
This adapted fitness course is designed for students with disabilities. The course provides an opportunity for students to increase their overall cardiovascular endurance. Individualized programs address the limitations of the student's disability. Emphasis is on encouraging independence through the teaching of lifelong cardiovascular endurance.

Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCPE 1.32: Adapted Core Stretching
This adapted flexibility course is designed to meet the needs of students with disabilities. This course includes instruction in a variety of stretching exercises to enable a student to attain optimal range of motion. Guided gentle muscle stretching and core stabilizing exercises with an emphasis on proper body alignment, breathing techniques, and relaxation are addressed to encourage independence and develop lifelong fitness skills.

Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCPE 1.33: Adapted Aquatics
This non-credit adapted physical education course is designed to meet the needs of students with disabilities. This class provides instruction in dynamic water exercises with a focus on the development of cardiovascular endurance, muscle strength, flexibility, and balance. Individualized swimming programs and water safety are included. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCPE 1.34: Adapted Weight Training
This non-credit adapted weight training course is designed for students with disabilities. Individualized exercise programs are created that focus on basic weight training and strength development principles. The programs address the limitations of the individual's disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
NCPE 1.35: Adapted Functional Fitness
This non-credit adapted functional fitness course is designed for students with disabilities. Individualized exercise programs are created that focus on the development of core strength, flexibility, and balance. Information is given regarding alternative equipment used for functional training. The programs address the limitations of the individual's disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

Units: 0
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCPE 1.36: Adapted Water Movement
This non-credit adapted water movement course is designed to meet the needs of students with disabilities. This course focuses on the effects of water resistance and buoyancy on movement patterns in water. Individualized swimming programs and water safety are included. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

Units: 0
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCPE 1.37: Adapted Guided Movement
This adapted guided movement course is designed to meet the needs of students with disabilities. This course guides students through a series of exercises using a variety of modalities to enhance proper alignment, balance, coordination, flexibility and strength. Individual modifications are made as needed. The course encourages independence through the teaching of lifelong fitness skills.

Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

CONTINUING EDUCATION - BASIC SKILLS (CHEMISTRY, MATH, READING)

NCCH 110: Chemistry Jam and Prep
Designed for students who are preparing to take Chemistry 1A to review foundational Chemistry concepts such as unit conversions, significant figures, balancing equations, and stoichiometry while receiving academic support and instruction.
Satisfactory Progress

Units: 0
Lecture Hours: 0, Lab Hours: 25 – 28
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCMA 010C: Mathematical Support for Elementary Statistics
This course is intended for students who desire additional support in Math 10, Elementary Statistics. The course provides students with essential support for mathematical topics needed to be successful in statistics. It is only for students who are concurrently enrolled in Elementary Statistics, at West Valley College. Topics include concepts from arithmetic, algebra, and basic statistics that are needed to understand the content of a college-level statistics course. Topics are taught through the context of data analysis.

Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: MATH 010
Advisory: None
Not transferable

NCMA 101: Essential Math for Basic Skills Students - Whole Number Operations
This course is the first of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. Students have the opportunity to learn how to add, subtract, multiply, and divide whole numbers. Additional topics include rounding, estimation, exponents, and solving application problems.

Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCMA 102: Essential Math for Basic Skills Students - Fractions
This course is the second course of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. Students have the opportunity to learn about the meaning and properties of fractions. Topics include fraction representation, reducing fractions, fraction arithmetic, and solving application problems.

Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCMA 103: Essential Math for Basic Skills Students - Decimals and Ratios
This course is the third course of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. Students have the opportunity to learn the arithmetic operations of decimals, ratios, rates, and proportions.

Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
NCMA 104: Essential Math for Basic Skills Students - Percents & Signed Numbers
This course is the fourth course of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. Students have the opportunity to learn about percents and integers.

Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCMA 105: Essential Math for Basic Skills Students - Unit Analysis & Geometry
This course is the fifth course of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. Students have the opportunity to learn basic fundamental geometry and how to work with different units of measurement, including length, area, volume, weight, temperature, and time. This course emphasizes how to use the topics in applications.

Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCMA 106: Essential Math for Basic Skills Students - Pre-algebra Part 1
This course is the sixth course of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. The class topics include an overview of signed number operations, development of the concept of a variable, properties of algebraic expressions, and an introduction to linear equations.

Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCMA 107: Essential Math for Basic Skills Students - Pre-algebra Part 2
This course is the seventh course of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. Students have the opportunity to learn how to solve linear equations with fractions and decimals, study equations in two variables, graphing, and properties of exponents and polynomials. After successful completion of this course, the student will have the necessary skills to enter elementary algebra.

Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCMA 108: Essential Math for Basic Skills Students - Elementary Algebra Part 1
The course covers the basic operations and properties of real numbers, exponential, polynomial, rational, and radical expressions. Other topics include first-degree equations, inequalities, and systems of equations.

Satisfactory Progress
Units: 0
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCMA 109: Essential Math for Basic Skills Students - Elementary Algebra Part 2
The course covers the basic operations and properties of real numbers; exponential, polynomial, rational, and radical expressions. Other topics include systems of equations; graphing; and quadratic, rational, and radical equations.

Satisfactory Progress
Units: 0
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCMA 110: Math Jam for Statistics
This course serves as a preparation for Math 10 and is designed to strengthen essential mathematical skills necessary in preparation for success in Elementary Statistics. Topics include concepts from arithmetic, algebra, and basic statistics that are needed to understand the content of a college-level statistics course.

Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 25 – 28
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCRE 916: Reading for the Discipline
This course focuses on the reading (e.g. annotations, activating schema, previewing) and study skills such as time management, self-reflection, and concept cards, which are necessary to be successful in an academic discipline.

Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
Courses

NCRE 945: Reading Fluency
Students in this course have the opportunity to engage actively with a reading specialist in an individualized program designed to build vocabulary, increase comprehension, improve study habits, develop critical reading strategies, and advance critical thinking skills. The intention of the course is to allow reading to become more efficient and enjoyable.
Satisfactory Progress
Units: 0
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCRE 960: Reading Fundamentals
This course is designed to improve vocabulary and reading comprehension to prepare students to function at the college level and in the workforce.
Satisfactory Progress
Units: 0
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

CONTINUING EDUCATION - BUSINESS

NCBU 001: Principles and Fundamentals of Accounting and Bookkeeping
This course gives students the opportunity to develop an understanding of essential bookkeeping functions, debits and credits, the analysis of business transactions, and the classification of items. This course also identifies and explores accounting cycles and cash systems. Students have the opportunity to learn to create a trial balance, adjust entries and reconcile bank statements used in bookkeeping. Students also have the opportunity to develop these skills through various scenarios and the completion of basic procedures using the general journal and ledger, making accounting adjustments, applying the monthly and annual closing processes, creating a post-closing trial balance, and preparing an income statement, a balance sheet and cash flow.
Satisfactory Progress
Units: 0
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCBU 002: Payroll Accounting and Bookkeeping
This course covers the foundation required for success in calculating payroll, completing payroll taxes, and preparing payroll records and reports, focusing on practical applications as well as theory. Students have the opportunity to gain firsthand experience practicing concepts with useful, hands-on exercises involving relevant, detailed examples and real-life business applications.
Satisfactory Progress
Units: 0
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCBU 001
Not transferable

NCBU 004: Excel for Accounting and Bookkeeping
This course covers fundamentals of spreadsheets using Excel software typically used in accounting and bookkeeping. Students will have the opportunity to gain firsthand experience to practice concepts with useful, hands-on exercises using relevant, detailed examples and real-life business applications.
Satisfactory Progress
Units: 0
Lecture Hours: 29 – 32, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: BUSN 046B
Not transferable

NCBU 006: Quickbooks: Set-up and Services Business
This course is designed for students with prior accounting knowledge. The course covers the steps in the accounting process for a service company.
Using the QuickBooks computerized accounting software package, students have an opportunity to learn practices for handling sales receivables, payables and purchases, and general accounting and month end procedures.
Satisfactory Progress
Units: 0
Lecture Hours: 22 – 24, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCBU 002
Not transferable

NCBU 007: Quickbooks: Merchandising and Payroll
This course is designed for students with prior accounting knowledge. The course covers the steps in the accounting process for a merchandising company.
Using the QuickBooks computerized accounting software package, students have an opportunity to learn practices for handling sales, receivables, payables products and inventory, and payroll.
Satisfactory Progress
Units: 0
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCBU 001
Not transferable

NCBU 054: How to Start a Small Business
This course is designed to provide a working knowledge of management strategies for small businesses, including the importance of planning, funding, operating and marketing—all designed to create a successful and sustainable business.
Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
NCBU 056: How to Market your Small Business
This course focuses on enhancing student ability to implement traditional and digital marketing strategies to get real results for a business. It provides students with the opportunity to acquire practical experience and understand the process of actually marketing a small business.
Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCBU 054
Not transferable

NCCA 242: Beginning Microsoft Word Documents
The software program MS Word is introduced in this course. Students have the opportunity to learn the syntax and structure of the software and basic operating procedures. Specific topics to be included are: an overview of function key commands, cursor movement, basic input and editing procedures, file handling, line and page format features, basic file management, and simple document formatting.
Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

CONTINUING EDUCATION - CAREER SKILLS

NCHE 001: Money Matters: Intro to Financial Literacy
This course introduces students to the basics of financial literacy important for effective money management both at home and in the workplace. Lessons include basic personal finance terminology, developing a monthly budget, creating a savings plan, and learning the difference between “good” and “bad” debt. Students are invited to explore how to take control of their finances, which is positively associated with lifelong financial well-being and the pursuit of one's career interests.
Satisfactory Progress
Units: 0
Lecture Hours: 11 – 12, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCWP 002: Digital Skills for the Workplace
This course introduces best practices and builds awareness regarding information literacy, media, and technology literacy for the workplace. Students are given the opportunity to develop a dynamic LinkedIn profile and establish a comprehensive online presence while learning to effectively network online. The course introduces online job search tools and the skills to effectively job search and network while demonstrating professional social media etiquette.
Satisfactory Progress
Units: 0
Lecture Hours: 14 – 15, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCWP 003: Leadership for the Workplace
This course focuses on developing growth mindset skills necessary to become a strong and equitable leader in the workplace. Topics covered include empathy, emotional intelligence, adaptability, teamwork, and transformational leadership. This course is intended for anyone seeking to improve their leadership skills and/or seeking progress in their career.
Satisfactory Progress
Units: 0
Lecture Hours: 14 – 15, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCWP 200: Computer Keyboard and Mouse Overview
This course introduces students to the computer keyboard and mouse, as well as to the keyboard and mouse shortcuts for better computer efficiency. The course familiarizes students with the layout and function of special computer keys. Students have the opportunity to develop skills of computer efficiency and proper mouse holding and handling. No previous typing or computer experience required.
Satisfactory Progress
Units: 0
Lecture Hours: 8 – 9, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCWP 202: Computers for Beginners
This course explores fundamental skills to improve digital literacy and responsibly use technology to find, evaluate, organize, create, and share information.
Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
NCWP 204: Introduction to the Windows Operating System
This course is designed to give students a basic introduction to the Microsoft Windows computer operating system. The course emphasizes hands-on ability to navigate a computer with commonly used features in Microsoft Windows.
Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCWP 206: Introduction to the Mac OS
This course is designed to give students a basic introduction to the Macintosh computer operating system. The course emphasizes hands-on ability to navigate a computer with commonly used features in the Macintosh operating system.
Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCWP 210: Microsoft Word
This course is designed to give students an introduction to the Microsoft Word word-processing application. The course emphasizes hands-on ability to create documents and utilize commonly used features of the Microsoft Word application.
Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCWP 212: Beginning Microsoft Excel
This course is designed to give students an introduction to the Microsoft Excel spreadsheet application. The course emphasizes hands-on ability to create spreadsheets and utilize commonly used features of the Microsoft Excel application.
Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCWP 214: Advanced Microsoft Excel
This course is designed to continue to develop students’ skills with the Microsoft Excel spreadsheet application. The course emphasizes more advanced features of the Microsoft Excel application.
Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCWP 212
Not transferable

NCWP 216: Microsoft PowerPoint
This course is designed to give students an introduction to the Microsoft PowerPoint application. The course emphasizes hands-on ability to create presentations and utilize commonly used features of the Microsoft PowerPoint application.
Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCWP 220: Introduction to Google Workspace
This course is designed to introduce students to the Google Workspace cloud-based software, including Google Docs, Sheets, and Slides. The course reviews the basic functionality of each.
Satisfactory Progress
Units: 0
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

CONTINUING EDUCATION - COURT REPORTING & CAPTIONING

NCCC 001: Stenographic Machine Theory 1
Students have the opportunity to study and apply beginning-level computer-compatible stenographic theory necessary to write and read back basic English vocabulary at 30 words per minute with 90 percent accuracy.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 128 – 140
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCCC 001T: Theory Skill Development
Students have the opportunity to enhance and apply their understanding of theory concepts and improve their stenographic and voice-writing skills through supervised practice in preparation for speed-building courses leading to employment in court reporting and related fields.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCCC 001T: Theory Skill Development
Students have the opportunity to enhance and apply their understanding of theory concepts and improve their stenographic and voice-writing skills through supervised practice in preparation for speed-building courses leading to employment in court reporting and related fields.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
NCCC 002: Stenographic Machine Theory 2
Students have the opportunity to study and apply intermediate-level computer-compatible stenographic theory necessary to write and read back English vocabulary at 40 words per minute with 95% accuracy. Prefixes, suffixes, advanced numbering options, and compressed word beginnings and endings are introduced.
Satisfactory Progress

Units: 0
Lecture Hours: 0, Lab Hours: 128 – 140
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 001
Not transferable

NCCC 002L: 80-140 WPM Skill Development
Students have the opportunity to learn and apply speed-building techniques through highly-structured instructor-facilitated stenographic machine writing and/or voice writing practice tailored to individual skill level. Effective application of deliberate practice components include motivation, preexisting knowledge, immediate informative feedback, and repetition for skill reinforcement and development.
Satisfactory Progress

Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 003
Not transferable

NCCC 003: Stenographic Machine Theory 3
Students have the opportunity to complete final stenographic machine theory lessons and refine machine shorthand skills at 60 words per minute with 97 percent accuracy.
Satisfactory Progress

Units: 0
Lecture Hours: 0, Lab Hours: 128 – 140
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 002
Not transferable

NCCC 003A: 160-220 WPM Skill Development
Students have the opportunity to learn and apply speed-building techniques through highly-structured instructor-facilitated stenographic machine and voice writing practice tailored to individual skill level within the 160-220 word per minute range. Overcoming speed plateaus using various practice techniques will be discussed and applied. The production of accurately formatted four-voice testimony in compliance with Certified Shorthand Reporter examination requirements is presented and applied.
Satisfactory Progress

Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCCC 004: CAT Software Basics
In this course, students have the opportunity to learn and apply basic software commands to write, edit, create, save, and print files using computer-aided stenography transcription software through instructor-facilitated, hands-on practice and application.
Satisfactory Progress

Units: 0
Lecture Hours: 0, Lab Hours: 16 – 18
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCCC 005: Voice Writing Theory
Students have the opportunity to study and apply computer-compatible voice writing theory language and concepts necessary to write and read back basic English vocabulary at 120 words per minute with 90 percent accuracy.
Satisfactory Progress

Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCCC 007: Keyboarding and MS Word Basics
This course provides students the opportunity to learn the touch system of keyboarding and the basics of Microsoft Word to increase transcription-delivery options and provide additional office skills for entry-level office support positions. This course also prepares students to meet the keyboarding requirement per the California court reporting school curriculum code.
Satisfactory Progress

Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCCC 008: 80-100 WPM Speed Goal
In this course, students have the opportunity to study and apply theory concepts to recognize and create stenographic outlines for standard legal testimony terms and phrases necessary to attain a writing speed of 80 - 100 words per minute. Jury charge and literary material are also covered. Familiarization with transcript formatting requirements, effective practice techniques, professional communications etiquette, and professional association support venues is emphasized through a variety of assignments and class discussion.
Satisfactory Progress

Units: 0
Lecture Hours: 0, Lab Hours: 190 – 200
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 003
Not transferable
NCCC 008M: 80-100 WPM: Multi-Voice Focus
In this course, students have the opportunity to study and apply theory concepts to recognize and create stenographic outlines for standard legal testimony terms and phrases necessary to attain writing speeds of 80 - 100 words per minute. Three and four speaker identification, formatting, and common terminology are also introduced, along with targeted practice material and skill development strategies. Supplemental jury charge and literary material are also covered for continued vocabulary development.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 112 – 126
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 003
Not transferable

NCCC 012: 120-140 WPM Speed Goal
In this course, students have the opportunity to study and apply theory concepts to recognize and create stenographic and voice writing outlines for standard legal terminology and phraseology in addition to general speech and apply writing skills to attain a writing speed of 120-140 words per minute. Familiarization with workers’ compensation, personal injury, and real estate/property law terminology and corresponding stenographic outlines is emphasized through a variety of lectures, assignments, and class discussions. One five-hour courtroom observation is required.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 190 – 200
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 005
Not transferable

NCCC 012M: 120-140 WPM: Multi-Voice Focus
In this course, students have the opportunity to study and apply theory concepts to recognize and create stenographic outlines and voice codes for standard legal terms and phrases necessary to attain a writing speed of 120-140 words per minute. Techniques for managing three and four different speakers are introduced. One five-hour courtroom observation is required.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 112 – 126
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 005
Not transferable

NCCC 016: 160 WPM Speed Goal
In this course, students have the opportunity to apply theory concepts to recognize and create stenographic outlines for intermediate-level legal terminology and phraseology necessary to attain a writing speed of 160 words per minute. Machine writing and transcription focuses on proper formatting of dates, standard and military time, currency, case numbers, exhibits, legal citations, and other numeric expressions regularly used in legal proceedings. Lecture content and assignments include how to read and interpret the court calendar and identify and apply information critical to the official court reporter.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 190 – 200
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 012 or NCCC 012M
Not transferable

NCCC 016M: 160 WPM: Multi-Voice Focus
In this course, students have the opportunity to study and apply theory concepts to recognize and create stenographic outlines for intermediate-level legal terms and phrases necessary to attain a writing speed of 160 words per minute with a focus on multi-voice writing and transcription. Correct formatting of numbers as applied in legal transcripts recording multiple speakers is presented and reinforced through class activities and assignments. Lecture content and assignments include how to read and interpret the court calendar to identify and apply information critical to the official court reporter.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 112 – 126
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 012 or NCCC 012M
Not transferable

NCCC 018: 180 WPM Speed Goal
In this course, students have the opportunity to recognize and create stenographic outlines and/or voice writing codes for intermediate to advanced-level vocabulary, terminology, and phraseology and apply speed-building techniques necessary to attain a writing speed of 180 words per minute. Writing and transcription focuses on the application of “realtime” writing skills for court reporting and educational captioning, and using literary material and legal transcripts. Lecture content and assignments include captioning terminology, mechanics, etiquette, responsibilities, expectations, and ethical issues facing the live captioner.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 190 – 200
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 016 or NCCC 016M
Not transferable

NCCC 018M: 180 WPM: Multi-Voice Focus
In this course, students have the opportunity to recognize and create stenographic outlines for intermediate to advanced-level vocabulary, terminology, and phraseology, and apply speed-building techniques necessary to attain a writing speed of 180 words per minute with a focus on multi-voice reporting. Machine and voice writing and transcription also include application of “realtime” writing skills for educational captioning. Lecture content and assignments focus on multi-voice reporting and educational captioning requirements and considerations.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 112 – 126
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 016M or NCCC 016
Not transferable
NCCC 020: 200-220 WPM Speed Goal
In this course, students have the opportunity to further refine stenographic outlines and speed-building techniques to attain accurate writing speeds of up to 200 or 220 words per minute with 97.5 and 95 percent accuracy, respectively. Machine writing and transcription focuses on court and deposition terminology and phraseology. Lecture content and assignments include record-keeping requirements, application of State of California Minimum Transcript Standards, frequently-used language in legal proceedings, reference source selection, and requirements for making verbatim records of hearings, meetings, and conventions.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 190 – 200
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 018 or NCCC 018M
Not transferable

NCCC 020M: 200-220 WPM: Multi-Voice Focus
In this course, students have the opportunity to further refine stenographic outlines and speed-building techniques to attain accurate writing speeds of up to 200 and 220 words per minute with 97.5 and 95 percent accuracy, respectively. Machine writing and transcription focuses on multi-voice court and deposition reporting skills. Lecture content and assignments include the responsibilities and duties of official and deposition reporting including: reading back; the reporting of testimony and objections; reporting with an interpreter; directing (citing) the witness; certifying questions; and marking, handling, and securing exhibits.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 112 – 126
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 018M or NCCC 018
Not transferable

NCCC 021: Legal Terminology
Students have the opportunity to gain basic understanding, correct spelling, and pronunciation of legal terminology used in courtroom and deposition proceedings and in legal documents. Nineteen basic areas of law, along with examples from real cases, are explained to facilitate a better understanding of the terminology. Commonly-used and new legal terms and phrases are also presented and defined. Vocabulary building, pronunciation, and spelling are emphasized along with stenographic machine writing and voice writing outlines.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 50 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCCC 024: English Vocabulary for Court Reporting and Captioning
Students have the opportunity to gain basic understanding, correct spelling, and pronunciation of English vocabulary in order to prepare for the written portion of the California Certified Shorthand Reporter licensing examinations and to better hear and comprehend English vocabulary in order to accurately write the spoken word for reporting, captioning, transcription, and proofreading careers. Vocabulary building, pronunciation, and spelling are emphasized. Stenographic machine writing and voice writing options are discussed.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 50 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCCC 025: Basic English for Court Reporting and Captioning
Students have the opportunity to identify and apply the components of English sentence structure, improve their grammar and writing skills, and apply correct punctuation to written text. Proofreading symbols and techniques are also introduced and explained.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 50 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCCC 026: Advanced English and Office Practices for Court Reporting and Captioning
In this course, students have the opportunity to study and apply advanced grammar, punctuation, syntax, and word usage; communication skills; proofreading; and dictation/transcription procedures. Court reporting record keeping and office management software developments are also covered.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 50 – 54
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 025
Not transferable

NCCC 027: Computer-Aided Transcription 1
This course includes instruction in developing English vocabulary in a real-time computer-aided transcription software program. Students are instructed on the use of an electronic stenographic writing machine or voice writing equipment, a computer, and specialized software. Students have the opportunity to create and/or edit personal computer-aided transcription software dictionaries.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 32 – 36
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
Courses

NCCC 028: Computer-Aided Transcription 2
In this course, students have the opportunity to apply the theory and practice of Computer-Aided Transcription (CAT) as used in court reporting and related careers.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 32 – 36
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 008 or NCCC 008M
Not transferable

NCCC 033: Medical Terminology
Students have the opportunity to gain a basic understanding of medical terminology and how word parts are combined to form most medical terms. Root words, prefixes, and suffixes and their meanings are covered along with the use of "combining vowels." Vocabulary building, pronunciation, and spelling are emphasized. Stenographic machine writing and voice writing options are discussed.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 50 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCCC 034: Medical Dictation
This course provides students the opportunity to develop and apply stenographic and voice writing skills for the production of transcripts containing standard medical terminology. Terminology common to various medical specialties is explained and anatomical terminology is reviewed. Stenographic and voice-writing outlines are presented. Dictation - from sources including medical publications, case histories, operative reports, and selected medical transcripts from legal proceedings - is provided for hands-on skills practice.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 34 – 38
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 008 or NCCC 008M
Not transferable

NCCC 038: Court Reporting Codes and Procedures 1
This course provides information about specific California Code sections that govern the profession of court reporting. Federal and California judicial systems and constitutions are explained, as are "Federal Rules." Students have the opportunity to gain practical knowledge of the "Business and Professions Code," "Code of Civil Procedure," "Code of Regulations," and "Rules of Court" as they apply to court reporters. Video-recording of court and deposition proceedings and other emerging technologies and their impacts are discussed, and ethical issues facing the reporter are examined.
This course, in conjunction with NCCC 039, "Court Reporting Codes and Procedures 2," is designed to prepare students for the California Certified Shorthand Reporters "Professional Practice" examination.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCCC 039: Court Reporting Codes and Procedures 2
This course provides information about specific California Code sections that govern the profession of court reporting. Students have the opportunity to become familiar with and understand the meanings of the Civil Code, Evidence Code, Government Code, Labor Code, and Penal Code as these codes apply to the profession of court reporting. Office practices and record-keeping requirements of the professional reporter are reviewed and ethical issues encountered by the reporter are examined. This course, in conjunction with NCCC 038, "Court Reporting Codes and Procedures 1," is designed to prepare students for the California Certified Shorthand Reporters "Professional Practice" examination.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 038
Not transferable

NCCC 042: Certified Shorthand Reporter Exam Review
This course is designed for the advanced court reporting student preparing to take the written portion of the State of California Certified Shorthand Reporter's examination. Emphasis is placed on California codes and rules of court of the State of California applicable to court reporting. Medical and legal terminology, English grammar, general vocabulary, specialized punctuation, and proofreading required for the production of official transcripts of court and deposition proceedings are also covered.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 32 – 36
Prerequisites: None
Co-Requisites: None
Advisory: NCCC 026, NCCC 038, NCCC 039
Not transferable

CONTINUING EDUCATION - ESL AND CITIZENSHIP

NCIE 101: Integrated ESL: Beginning Low
This course provides instruction in English and cross-cultural skills for non-native speakers at the beginning-low level through speaking, listening, reading, writing, and building knowledge of grammar, vocabulary, and American culture and civics. Lessons include concepts related to home, family, school, work, community, survival skills, daily living, civic operations, and authentic task-based activities.
Satisfactory Progress
Units: 0
Lecture Hours: 75 – 84, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
NCIE 102: Integrated ESL: Beginning High
This course continues the instruction in cross-cultural skills for immigrants and their families begun in NCIE 101. It provides instruction in English and cross-cultural skills for non-native speakers at the beginning level through speaking, listening, writing, and building knowledge of grammar, vocabulary, and American culture and civics. Lessons include concepts related to home, family, school, work, community, survival skills, daily living, civic operations, and authentic task-based activities. Students have the opportunity to further improve their cultural adaptation to the new cultural environment.
Satisfactory Progress
Units: 0
Lecture Hours: 75 – 84, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCIE 101
Not transferable

NCIE 103: Integrated ESL: Intermediate Low
This course provides instruction in English and cross-cultural skills for non-native speakers at the intermediate-low level through speaking, listening, reading, writing, and building knowledge of grammar, vocabulary, and American culture and civics. Lessons include concepts related to home, family, school, work, community, survival skills, daily living, civic operations, and authentic task-based activities.
Satisfactory Progress
Units: 0
Lecture Hours: 75 – 84, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCIE 102
Not transferable

NCIE 104: Integrated ESL: Intermediate High
This course provides instruction in English and cross-cultural skills for non-native speakers at the intermediate-high level through speaking, listening, reading, writing, and building knowledge of grammar, vocabulary, and American culture and civics. Lessons include concepts related to home, family, school, work, community, daily living, civic operations, and authentic task-based activities.
Satisfactory Progress
Units: 0
Lecture Hours: 75 – 84, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCIE 103
Not transferable

NCIE 105: Integrated ESL: Advanced Low
This course provides instruction in English and cross-cultural skills for non-native speakers at the advanced-low level through speaking, listening, reading, writing, and building knowledge of grammar, vocabulary, and American culture and civics. Lessons include concepts related to home, family, school, work, community, daily living, civic operations, and authentic task-based activities.
Satisfactory Progress
Units: 0
Lecture Hours: 75 – 84, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCIE 104
Not transferable

NCIE 106: Integrated ESL: Advanced High
This course provides instruction in English and cross-cultural skills for non-native speakers at the advanced-high level through speaking, listening, reading, writing, and building knowledge of grammar, vocabulary, and American culture and civics. Lessons include concepts related to home, family, school, work, community, daily living, civic operations, and authentic task-based activities.
Satisfactory Progress
Units: 0
Lecture Hours: 75 – 84, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCIE 105
Not transferable

NCIE 108: Citizenship
This course continues the instruction in cross-cultural skills for immigrants and their families begun in NCIE 110A. Lessons include vocabulary, concepts, and authentic task-based activities related to daily survival skills, and civic operations such as the post office, hospital, and bank. Students have the opportunity to further improve their cultural adaptation to the new cultural environment.
Units: 0
Lecture Hours: 0, Lab Hours: 45 – 50
Prerequisites: None
Co-Requisites: None
Advisory: NCIE 110A
Not transferable

NCIE 110A: Basic American English and Civics 1
This course provides instruction in basic cross-cultural skills for immigrants and their families. Lessons include vocabulary and concepts related to home, family, and daily survival skills. Students have the opportunity to improve their cultural adaptation to the new cultural environment.
Units: 0
Lecture Hours: 0, Lab Hours: 45 – 50
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCIE 110B: Basic American English and Civics 2
This course continues the instruction in cross-cultural skills for immigrants and their families begun in NCIE 110A. Lessons include vocabulary, concepts, and authentic task-based activities related to daily survival skills, and civic operations such as the post office, hospital, and bank. Students have the opportunity to further improve their cultural adaptation to the new cultural environment.
Units: 0
Lecture Hours: 0, Lab Hours: 45 – 50
Prerequisites: None
Co-Requisites: None
Advisory: NCIE 110A
Not transferable

NCIE 111: Citizenship
This is an intermediate level class designed to help resident aliens prepare for their citizenship exam. Students have the opportunity to learn and practice how to write simple dictation sentences, review and learn to answer 100 questions published by the USCIS, fill out the N400 Application form, and learn US history, civics and the U.S. Constitution.
Units: 0
Lecture Hours: 0, Lab Hours: 45 – 50
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
NCIE 120: ESL for Careers in Early Childhood Education 1
This is the first course in a two-course sequence designed to prepare intermediate level ESL students for a career working with young children. Emphasis is on acquiring vocabulary to communicate with children, parents, and teaching staff regarding issues related to childcare, general health, and safety. This course is intended to prepare students for the Child Studies credit program to complete courses to meet licensing requirements for adults working with young children.
Satisfactory Progress
Units: 0
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCIE 121: ESL for Careers in Early Childhood Education 2
This is the second course in a two-course sequence designed to prepare intermediate-level or higher ESL students for a career working with young children, with special emphasis on vocabulary and entry level skills acquisition as well as familiarity with common phrases for interacting with English-speaking children, staff, and parents. Topics include infant, toddler, preschooler, and school-age child development. This course is intended to prepare students for the Child Studies credit program to complete courses to meet licensing requirements for adults working with young children.
Satisfactory Progress
Units: 0
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCIE 130: ESL for Careers in Healthcare 1
This first of two courses is designed for intermediate ESL learners. This course helps prepare students for careers in healthcare. Students in the course have the opportunity to gain a general knowledge of healthcare settings, careers, and terminology including the major body systems and their basic functions.
Satisfactory Progress
Units: 0
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCIE 131: ESL for Careers in Healthcare 2
This is the second of a two-course sequence designed for intermediate ESL learners or higher who are seeking a career in the healthcare field. This course gives students the opportunity to develop the listening, speaking, reading, and writing skills needed within the healthcare field. Emphasis is on terminology and communication skills for interacting with patients and professionals in the medical field. Topics include communication, safety, medical emergencies, first aid, and pharmacology.
Satisfactory Progress
Units: 0
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCIE 130
Not transferable

NCIE 203: ESL: Speaking-Listening Intermediate Low
This course provides instruction in listening and speaking skills, and grammar for non-native speakers of English. Listening skills include: pre-listening, such as connecting the topic to previous knowledge; while-listening, such as identifying main ideas of the listening segment; and post-listening, such as checking for understanding. Examples of speaking skills include restating main ideas, and asking questions about the listening segment. Students also have the opportunity to practice clear pronunciation of common words and phrases, and stress and intonation patterns. Examples of grammar to be taught are the Simple Present tense and modals of possibility and necessity.
Satisfactory Progress
Units: 0
Lecture Hours: 75 – 84, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCIE 101, NCIE 102
Not transferable

NCIE 204: ESL: Speaking-Listening Intermediate High
This course provides instruction in listening and speaking skills for non-native speakers of English. Listening skills include: pre-listening, such as using prior knowledge and experience to predict content; while-listening, such as inferring the speaker’s point of view; and post-listening, such as evaluating one’s use of listening strategies. Examples of speaking skills include techniques for exchanging and verifying information, and expressing opinions. Students also have the opportunity to speak with appropriate stress, intonation, and rhythm. Examples of grammar to be taught are Past Continuous tense, and gerunds/infinitives.
Satisfactory Progress
Units: 0
Lecture Hours: 75 – 84, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCIE 103, NCIE 203
Not transferable

CONTINUING EDUCATION - FACILITIES MAINTENANCE

NCFM 001: Facilities Maintenance Job Readiness
This course provides a general overview of core-competencies identified by industry leaders for entry level positions as a Facility Maintenance Technician. Students have the opportunity to learn environmental awareness, communication skills, basic arithmetic calculations, computer skills, safety training, work order management systems, and troubleshooting & problem solving skills related to being a Facilities Maintenance Technician.
Satisfactory Progress
Units: 0
Lecture Hours: 38 – 42, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
NCFM 002: OSHA-10 Training
This 10-hour General Industry Outreach Training program is intended to provide an entry-level general industry worker broad awareness on recognizing and preventing hazards on a general industry site. Students are introduced to OSHA policies, procedures, and standards as well as general industry safety and health principles, and work practices covered in OSHA Act Part 1910. Special emphasis is placed on areas most hazardous using OSHA standards as a guide.
Satisfactory Progress
Units: 0
Lecture Hours: 9 – 10, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCFM 003: Energy Auditing Fundamentals – Commercial Buildings
This course provides a general overview of skill sets needed by students and incumbent workers who are interested in a career involving Facilities Maintenance and Energy Analytics & Auditing. Some of the primary subject topics that are discussed include: the definition of an energy auditor, the difference between residential and commercial energy audits, the different levels and types of energy efficiency audits, the history of audits, energy efficiency and sustainable upgrades and practices, indoor air quality considerations and impacts, driving forces with legislation, and theASHRAE Li walk-through assessment process report generation.
Satisfactory Progress
Units: 0
Lecture Hours: 38 – 42, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCFM 001
Not transferable

NCFM 004: Facilities Maintenance Technician Training
This course includes classroom and lab instruction, providing a general overview of core-competencies defined by industry leaders for an entry level position as a Facilities Maintenance Technician. Students have an opportunity to review a 360-building tour and get hands-on lab instruction and exercises of the following primary core competencies: safety training, general skills in construction, carpentry, plumbing, electrical, and HVAC and IAQ-environmental awareness and knowledge.
Satisfactory Progress
Units: 0
Lecture Hours: 27 – 30, Lab Hours: 54 – 60
Prerequisites: None
Co-Requisites: None
Advisory: NCFM 001
Not transferable

NCID 020: Introduction to Design for Advanced Manufacturing II
Through a combination of lectures and hands-on exercises, students have the opportunity to strengthen their skills in the use of tools typical of the advanced manufacturing process. This is an introductory course in the advanced operations of 3D printers, CNC routers and laser cutters. Students have additional opportunities to use multiple digital processes, such as the combination of a laser cutter with a CNC router to create a hybrid work.
Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 96 – 108
Prerequisites: None
Co-Requisites: None
Advisory: NCID 010
Not transferable

CONTINUING EDUCATION - OLDER ADULT
NCAD 101: Stay Fit for Older Adults
Everyday movement as we age enables us to stay fit. This course is designed to enhance overall conditioning by incorporating a variety of functional exercises that increase the ability to successfully navigate daily activities.
Units: 0
Lecture Hours: 0, Lab Hours: 22 – 24
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCAD 102: Balance Awareness for Older Adults
This balance course addresses the importance of maintaining a high level of balance and mobility especially as we age. A good foundation of balance is essential to performing basic activities of daily living and being able to enjoy an active and healthy lifestyle.
Units: 0
Lecture Hours: 0, Lab Hours: 22 – 24
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCAD 140: Forum on Local and Global Topics
This non-credit course expands the students’ knowledge of economic, social, governmental, historical, geographic, and cultural issues. Students also expand communication skills as they expand knowledge of world, national, and local issues and become better informed community members.
Units: 0
Lecture Hours: 0, Lab Hours: 22 – 24
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

CONTINUING EDUCATION - INDUSTRIAL DESIGN
NCID 010: Intro to Design for Advanced Manufacturing I
Through a combination of lectures and hands-on exercises, students have the opportunity to strengthen their skills in the use of tools typical of the advanced manufacturing process. This is an introductory course in the basic operations of 3D printers, CNC routers and laser cutters. Students have additional opportunities to complete design projects that use innovation to problem solve the creative content for both built and virtual environments.
Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 96 – 108
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
NCPT 122: Positive Parenting
This course is designed to assist interested persons to develop parenting skills. The course examines the critical stages of child and adolescent development and offers positive suggestions to guide each parent in fostering children's healthy growth and development. Additional topics include the diverse present-day family styles such as one-parent, step, blended, two-parent, and families with working parents. Individual and unique parenting concerns are also addressed.

Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCPT 124: Parenting Children with Special Needs
This course is designed to enhance the skills of parents caring for children with special needs including attention deficit hyperactivity disorder (ADHD); learning disabilities; emotional disorders (anxiety and depression); and physiological childhood illnesses and disabilities. Other topics include parenting foster and adoptive children, and children in the care of relatives.

Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCPT 126: Single Parenting
This course is designed to develop insights into the dynamics of the parent-child relationship in the single parent family. Focus is on the social maturation process as it relates to the unique nature of the single parenting experience. The course addresses the special dynamics single parents confront in raising children both within and outside of the family. Interactions between the family, community, and various social systems are identified and explored.

Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

CONTINUING EDUCATION - SPANISH
NCSP 070A: Spanish for Medical Professionals - Beginners
This course is intended for students interested in working in the medical field utilizing the Spanish language. This course provides students the opportunity to use basic Spanish grammar and vocabulary related to the medical working environment. Topics include getting to know the patient, gathering medical history, identifying vocabulary for major illnesses and body parts. This course offers a wide range of medical and cultural topics related to the Latino community such as Latinos and AIDS, home remedies, and cultural differences in emergency response requests.

Satisfactory Progress
Units: 0
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: SPAN 001A
Not transferable

CONTINUING EDUCATION - PARK MANAGEMENT
NCPM 013: Wildland Fire Annual Refresher
This course is designed to meet the annual 16-hour refresher requirements for Wildland Fire Fighters per the NWCG (National Wildfire Coordinating Group requirements. (RT-130).

Satisfactory Progress
Units: 0
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: PMGT 013
Co-Requisites: None
Advisory: None
Additional Requisite Information:
The PMGT 013 prerequisite can be satisfied with industry equivalent including: L-180, S-130, S-190 and S-110
Not transferable

NCPM 019: Wilderness First Responder Refresher
This course provides public land agency personnel, outdoor leaders, guides, and wilderness travelers with recertification training by reviewing the basic principles of emergency medical care for both urban and wilderness environments. This recertification course consists of the Federal DOT First Responder curriculum with modifications and additional protocols to meet the specific needs of emergency medical care in remote environments. Recertification upon successful course completion includes W.V.C.-PM's "First Responder" and "Wilderness First Responder," and American Heart Association's "CPR for the Healthcare Provider" or American Red Cross "CPR for the Professional Rescuer."

Satisfactory Progress
Units: 0
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: PMGT 019
Co-Requisites: None
Advisory: None
Additional Requisite Information:
The PMGT 019 prerequisite can be satisfied by an equivalent course Certification to be verified by the instructional team Certification must be current at the time of the class just prior to expiration
Not transferable
NCSP 070B: Spanish for Medical Professionals - Intermediate
This course is the second course in a series of two and is intended for students who are interested in the medical field utilizing the Spanish language. In this advanced course, students are provided the opportunity to expand their medical terminology and grammar, and experience a wider range of communicative settings related to the medical field. Topics include pre-natal care, pediatrics, immunizations, dermatology, and optometry. Medical and cultural topics related to the Latino community include childhood hunger, the role of midwives, and drug abuse among Latinos.
Satisfactory Progress
Units: 0
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: NCSP 070A, SPAN 001A
Not transferable

CONTINUING EDUCATION - TECHNICAL THEATER

NCTH 018A: Introduction to Stage Lighting
This is an introductory course in the theory, methods, and application of stage lighting. Students have the opportunity to study different approaches to lighting design, the physics of stage lighting, and color in light. The course also serves as an introduction to the lighting instruments themselves and the practical work involved in lighting a staged production.
Satisfactory Progress
Units: 0
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCTH 021A: Practical Theater (Scene & Stage) I
This entry-level course gives students the opportunity to gain practical experience in the application of production responsibilities in any of the following: stage management, house management, construction, scenery, properties, lighting, sound, and running crews.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCTH 022A: Practical Theater (Costume & Makeup) I
This entry-level course gives students the opportunity to gain practical experience in the application of production responsibilities in costume construction, costume maintenance and make-up application.
Satisfactory Progress
Units: 0
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

NCTH 045B: Stagecraft
This course serves as an introduction to the theory and practical application of theatrical scenery. Students are exposed to safe operation and handling of tools used in the construction, painting, assembly, and deconstruction of sets used in departmental productions. The course also serves as an introduction to set design including the generation of working drawings and scale models.
Satisfactory Progress
Units: 0
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

COUNSELING

COUN 000A: College Orientation
College Orientation is an introductory course that highlights community college, career, and transfer opportunities as well as strategies for academic success. The course includes an orientation to West Valley College programs and services, rules and regulations, an overview of general education requirements for transfer and graduation, an introduction to the registration process, and educational planning.
Pass/No Pass
Units: 0.5
Lecture Hours: 8 – 9, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

COUN 002: Academic & Personal Planning
This course provides the opportunity for students to increase self-awareness, knowledge and understanding of personal, as well as educational objectives. The course facilitates academic and personal decision-making and promotes setting life goals, determining educational objectives, and developing appropriate short- and long-term plans.
Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

COUN 005: College Success
This course focuses on life management, goal setting, career decision making, educational planning, college expectations and opportunities, instructor-student relationships, cultural diversity, health maintenance, stress management, and resources. Learning styles and academic success strategies are also included.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
CSU GE: Area E - Lifelong Learning and Self Development
Courses

**COUN 012: Careers and Life Styles**
This course assists students in identifying values, interests, and career alternatives through a variety of personality and occupational exploration techniques. Students have the opportunity to learn and prepare for careers and lifestyles in an ever-changing world by developing decision making, goal setting and planning skills.
Letter Grade, Pass/No Pass

**Units:** 3
**Lecture Hours:** 48 – 54, **Lab Hours:** 0
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to CSU only

**WVC GE:** E. Lifelong Understanding and Development
**CSU GE:** Area E - Lifelong Learning and Self Development

**COUN 012C: Careers and Life Styles**
COUN 12C is a special topic module for those who desire more in-depth career direction. This course focuses on specialized concerns relating to job search and the world of work.
Letter Grade, Pass/No Pass

**Units:** 1
**Lecture Hours:** 16 – 18, **Lab Hours:** 0
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to CSU only

**WVC GE:** E. Lifelong Understanding and Development
**CSU GE:** Area E - Lifelong Learning and Self Development

**COUN 024: Personal Growth**
Personal Growth is designed to assist students in increasing awareness of themselves and others, and identifying their personal strengths, challenge areas, and potential for personal growth. This course promotes growth by giving students opportunities to develop decision-making strategies, conflict resolution skills, assertive training techniques, and stress management tools. By cultivating awareness and compassion practices, students also have the opportunity to learn how to regulate their attention and emotions, reduce reactivity and distress, and cultivate healthier relationships. Students also have the opportunity to learn to recognize physical, mental, and emotional experiences, and to develop effective communication skills, so they can express thoughts and feelings and improve and enrich their relationships with others.
Letter Grade, Pass/No Pass

**Units:** 3
**Lecture Hours:** 48 – 54, **Lab Hours:** 0
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to CSU only

**WVC GE:** E. Lifelong Understanding and Development
**CSU GE:** Area E - Lifelong Learning and Self Development

**COUN 045: Successful Study Strategies**
This course offers students the opportunity to improve their study skills and become more aware of their potential for success. Strategies for time management, note taking, preparation for examinations, taking examinations, and other study techniques are presented.
Letter Grade, Pass/No Pass

**Units:** 1
**Lecture Hours:** 16 – 18, **Lab Hours:** 0
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to CSU only

**COUN 050: Cross-Cultural Perspectives**
This course will explore cross-cultural theories and research relative to personal and cultural identity, communication styles, value orientation, leadership styles, social justice, cultural assimilation, the family, health care, education, the world of work, media in the United States, ethnocentrism and racism. The goals will be to enhance understanding, insights, and respect for diverse cultural groups. Cultures examined include: African American, Latino/Chicano, Japanese American, Chinese American, Vietnamese American, Native American, and Middle Eastern. This course satisfies Cultural Diversity requirement for an Associate degree.
Letter Grade, Pass/No Pass

**Units:** 3
**Lecture Hours:** 48 – 54, **Lab Hours:** 0
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to both UC and CSU

**WVC GE:** F. Cultural Diversity
**CSU GE:** Area D - Social Sciences: D1 - Social and Behavioral Sciences
**SC UC/IGETC GE:** Area E - Lifelong Learning and Self Development

**COURT REPORTING**

**CTRP 044: Court Reporting Internship**
This course provides supervised internship training mandated by the Court Reporters Board of California. Transcript production of actual court and deposition proceedings is required in this course.
Pass/No Pass

**Units:** 1
**Lecture Hours:** 0, **Lab Hours:** 0
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to CSU only

**DANCE**

**DANC 001: Ballet: Beginning Level 1**
This course is an introduction to the discipline, aesthetics, traditions, and historical background of classical ballet at a beginning level. Previous ballet experience is not required at this level.
Letter Grade, Pass/No Pass

**Units:** 1
**Lecture Hours:** 0, **Lab Hours:** 48 – 54
**Prerequisites:** None
**Co-Requisites:** None
**Advisory:** None
Transferable to both UC and CSU

**WVC GE:** E. Lifelong Understanding and Development
**CSU GE:** Area E - Lifelong Learning and Self Development

**Area E - Lifelong Learning and Self Development**

**Area D - Social Sciences**

**Area 4 - Social and Behavioral Science**

**Area F - Cultural Diversity**

**Area G - Kinesiology Activity**
DANC 002: Ballet: Beginning Level 2
This is the second course in the beginning level ballet sequence, designed a further introduction to the discipline, aesthetics, traditions, and historical background of classical ballet, building upon skills and knowledge developed in DANC001. An emphasis is placed on exploring the historical court dance forms of the Renaissance through the contemporary era.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: DANC 001
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 003: Ballet: Intermediate Level 3
This course is the third in the classical ballet sequence designed as a detailed study of the discipline, aesthetic traditions and historical background of ballet at the intermediate level, building upon skills and knowledge acquired in DANC 001 and 002. New skills covered include pirouettes, sissone en pointe and turn combinations such as pique, soutenu, and chaines.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: DANC 002
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 004: Ballet: Advanced Level 4
This course is the fourth in the classical ballet sequence and is designed to provide students the opportunity to develop advanced level skills in the discipline of classical ballet, building upon skills and knowledge acquired in DANC 001, 002, and 003. This course focuses on perfecting technique and developing advanced performance skills. Topics and skill development areas include grand adage combinations, and petite allegro and grand allegro combinations.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: DANC 003
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 005: Dance Workshop
This course is designed to provide beginning level dance students with an opportunity to work intensively on their technique and performance skills in a specific dance area.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 006: Dance Intensive
This course is designed to provide intermediate to advanced dance students an opportunity to expand and develop their technical skills, style, and performance technique in a specific area of dance such as jazz, modern, tap, ballet, flamenco, or ballroom. Dance techniques are intended to build strength, flexibility, and control. Rhythmic responses to music are emphasized along with the cultural history of the dance form and related terminology.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 007: Choreography
This course provides students an overview of the field of choreography and a study of the elements of dance composition as related to a specific form of dance, such as Jazz, Modern, Ballet, and Tap, based on individual student need. Emphasis is placed on creating masks, costumes, and props. Students participate in a community and college performance.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 008: Rehearsal and Performance in Dance
This course provides students an opportunity to rehearse and perform dances in an informal setting at the college and at various locations in the community. Emphasis is on group participation in all areas of dance production. The course includes dance warm-ups, techniques, choreography, group and solo rehearsals, and performances.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

Courses
Courses

DANC 011: Jazz Dance: Beginning Level 1
This is the first of four courses in jazz dance. This course introduces the student to the historical role of jazz dance and emphasizes the learning of basic jazz dance technique including isolation exercises and introduction to basic rhythms. Through basic movement sequences, choreographic studies, viewings and discussions, this course concentrates on technique, style, improvisation, and composition. The course involves significant physical study. The primary objective of this class is to build competence in basic jazz dance technique and terminology and to develop an appreciation of the historical role of jazz dance in America.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 012: Jazz Dance: Beginning Level 2
This is the second of four courses in jazz dance. This course focuses on learning and refining beginning to intermediate jazz dance technique building upon skills learned in DANC 011, including movement isolation, traveling sequences, and syncopated rhythms. Through technique, choreography, film viewings and discussions, this course reinforces jazz dance technique, style, and finesse. The course involves significant physical study. The primary objective of this class is to refine competence in beginning jazz dance technique and terminology and to foster an appreciation of aesthetic principles.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: DANC 011
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 013: Jazz Dance: Intermediate Level 3
This is the third of four courses in jazz dance. This course builds upon skills learned in DANC 011 and 012, and provides students with the opportunity to increase and refine performance techniques and knowledge in the various styles of the jazz idiom at the intermediate level. Technique in this course concentrates on floor sequences emphasizing deep contraction and increased stretch, center exercises with changes of level, multiple leaping and turning traveling combinations, simultaneous isolation techniques, and performance to syncopated rhythms.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: DANC 012
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 014: Jazz Dance: Advanced Level 4
This is the last of four courses in jazz dance. Through advanced exercises, choreography, film viewing and discussions this course concentrates on technique, style, and finesse, building on skills learned in DANC 011, 012 and 013. The primary objective of this class is to build competence in advanced jazz dance technique using syncopation to develop a nuanced appreciation of aesthetic principles in jazz dance. Technical skills include increased ability to perform multiple pirouettes and chalé turns, fan and hitch kicks, axe jumps, a variety of leaps, falls, coordinated isolations, and intricate combinations which challenge the advanced dancer.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: DANC 013
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 021: Modern Dance: Beginning Level 1
This is the first of four courses in modern dance. This course introduces the student to the historical background of modern dance, elements of dance composition, and emphasizes basic modern dance technique. The course involves significant physical study including floor and center movement sequences, traveling sequences and basic choreographic exercises. Through the practice of modern dance technique, film viewing and discussions, the primary objective of this class is to build competence in basic technique and terminology, to develop an appreciation of the role of modern dance in America, and to foster an appreciation of aesthetic principles.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 022: Modern Dance: Beginning Level 2
This is the second of four courses in modern dance. Through the practice of modern dance technique, choreographic studies, film viewing and discussions, this course builds on skills learned in DANC021 and further develops the student's performance abilities and historical understanding in the field of modern dance. The primary objective of this course is to foster an appreciation of aesthetic principles, and to build competence in dance technique at the beginning 2 level, with a focus on techniques of contraction and release, fall and recovery, floor patterns and quality of movement.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: DANC 021
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

Area E - Lifelong Learning and Self Development

None

Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC courses

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DANC 023: Modern Dance: Intermediate Level 3

This is the third of four courses in modern dance. Through the practice of modern dance technique, choreographic studies, film viewing and discussions, this course builds on skills learned in DANC021 and DANC022 and further refines the student's technical abilities and historical understanding in the field of modern dance. The primary objective of this course is to foster an understanding of Laban's movement analysis principles, and to increase flexibility, balance, strength and agility in the performance of both lyrical and dramatic choreographic studies at the intermediate level.

Letter Grade, Pass/No Pass

Units: 1

Lecture Hours: 0, Lab Hours: 48 – 54

Prerequisites: DANC 022

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development

CSU GE: Area E - Lifelong Learning and Self Development

DANC 024: Modern Dance: Advanced Level 4

This is the last of four courses in modern dance. Designed for the advanced level modern dance student, this course builds on skills learned in DANC021, DANC022 and DANC023 and further refines the student's technical abilities in modern dance focusing on movement phrases which include complex arabesque, jumps, sissone, split leaps, turns and leaps into rolls that travel, axial movements, and falls and recoveries into jumps. Through the development and performance of modern dance studies at the advanced level, including improvisation as a compositional strategy, this course reinforces the understanding of the choreographic process.

Letter Grade, Pass/No Pass

Units: 1

Lecture Hours: 0, Lab Hours: 48 – 54

Prerequisites: DANC 023

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development

CSU GE: Area E - Lifelong Learning and Self Development

DANC 031: Tap for Musical Theatre: Beginning Level 1

This course introduces the student to the historical role of tap dance in musical theater and emphasizes the learning and refining of basic tap technique. Through exercises, choreography, and discussions, this course concentrates on technique, style, and finesse. The course involves significant physical study. The primary objective of this class is to build competence in basic tap dance technique and terminology and to develop an appreciation of the role of tap dance in musical theater.

Pass/No Pass, Letter Grade

Units: 1

Lecture Hours: 0, Lab Hours: 48 – 54

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development

CSU GE: Area E - Lifelong Learning and Self Development

DANC 032: Tap for Musical Theatre: Beginning Level 2

This course focuses on learning and refining beginning to intermediate tap technique for musical theater, building upon skills learned in DANC 031. Through exercises, choreography in vaudeville, lyric and clogging styles, and discussions, this course reinforces beginning technique, style, and finesse. The course involves significant physical study. The primary objective of this class is to refine competence in beginning tap dance technique and terminology and to foster an appreciation of aesthetic principles.

Letter Grade, Pass/No Pass

Units: 1

Lecture Hours: 0, Lab Hours: 48 – 54

Prerequisites: DANC 031

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development

CSU GE: Area E - Lifelong Learning and Self Development

DANC 033: Tap for Musical Theatre: Intermediate Level 3

This course focuses on learning and refining intermediate tap technique as applied to musical theater, building upon skills learned in DANC 031 and 032. This course concentrates on three beat and four beat steps, exercises that focus on line of the body and includes an introduction to tap improvisation.

Pass/No Pass, Letter Grade

Units: 1

Lecture Hours: 0, Lab Hours: 48 – 54

Prerequisites: DANC 032

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development

CSU GE: Area E - Lifelong Learning and Self Development

DANC 034: Tap for Musical Theatre: Advanced Level 4

This course focuses on learning and refining advanced tap dance technique for musical theater. Through advanced exercises, choreography, and discussions, this course concentrates on technique, style, and finesse, building on skills learned in DANC 031, 032 and 033. The primary objective of this class is to build competence in advanced tap dance technique using polyrhythmic steps and syncopation to develop a nuanced appreciation of aesthetic principles.

Letter Grade, Pass/No Pass

Units: 1

Lecture Hours: 0, Lab Hours: 48 – 54

Prerequisites: DANC 033

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development

CSU GE: Area E - Lifelong Learning and Self Development

DANC 041: Ballroom and Latin Dance: Beginning

This course focuses on beginning Ballroom and Latin dance techniques and performance. Beginning level steps and performance techniques from Tango, Waltz, Rumba, Cha-Cha, Foxtrot, Paso Doble, Night Club 2-Step, and current popular dances are covered. Individuals are encouraged to attend. A partner is not required.

Letter Grade, Pass/No Pass

Units: 1

Lecture Hours: 0, Lab Hours: 48 – 54

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: E. Lifelong Understanding and Development

CSU GE: Area E - Lifelong Learning and Self Development
DANC 042: Ballroom and Latin Dance: Intermediate
This course focuses on intermediate Ballroom and Latin dance techniques and performance. Emphasis is placed on styling and musical interpretation. Intermediate level steps consisting of additional performance techniques from the Tango, Waltz, Quick Step, International Rumba, Paso Doble, Cha-cha, Samba, Viennese Waltz, Foxtrot, Night Club 2-Step, and West Coast Swing are covered. Individuals are encouraged to attend. A partner is not required.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: DANC 041
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 043: Ballroom and Latin Dance: Advanced
This course focuses on advanced ballroom and Latin dance techniques and performance. Full bronze and silver syllabus steps and performance techniques from Argentine Tango, Tango, International Waltz, American Rumba, International Cha-Cha, International Foxtrot, Samba and other currently popular dances are covered. Individuals are encouraged to attend. A partner is not required.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: DANC 042
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 044: Lindy Hop & Swing
This course focuses on steps, patterns, style, and music for Swing and Lindy Hop dances which were popular during WWI and WWII.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 050A: Hip Hop Dance: Beginning Level 1
This course introduces the student to the fundamentals of Hip Hop dance. It provides the knowledge and practice for gaining personal skills and experience in technique appropriate for students at the introductory level. Information is presented describing the history and development of Hip Hop as a dance form.
Pass/No Pass, Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 050B: Hip Hop Dance: Beginning Level 2
This course provides the knowledge and practice for gaining personal skills and experience in Hip Hop Dance appropriate for students at the beginning level. Information is presented describing the history and development of Hip Hop dance, its role in social media, and its expression in the community, on stage, and on screen.
Pass/No Pass, Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: DANC 050A
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 051A: World Dance: Flamenco of Spain, Beginning
This course introduces the student to the movements of Flamenco Dance, its music, and its origins. This course covers the flamenco dance of Spain and its theatrical dance forms. The course also covers flamenco's folkloric influences, which include the dance cultures of the East Indians, the Moors, and the Andalusians.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 051B: World Dance: Flamenco of Spain, Intermediate
This course provides students the opportunity to explore intermediate flamenco dance techniques, such as coordinating pasada when dancing as a couple. The course also explores the intersection of flamenco choreography with poetry, music, and guitar at the intermediate level. Previous flamenco dance experience is recommended.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: DANC 051A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

DANC 052: Studio Dance Production
This course provides students with an opportunity to develop the technical skills necessary to produce dance programs in a studio theater. Students are given an opportunity to choreograph dances in their area of emphasis, as well as design costumes, makeup, and lighting for a performance in a studio theater.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
**DANC 061: Dance in America: A Cultural Perspective**

This course examines dance as a cultural expression in the USA. The course explores a range of dance forms with a focus on their social, political and religious significance. The course also considers the creative process and expression of the contemporary choreographer.

- **Letter Grade, Pass/No Pass**
- **Units: 3**
- **Lecture Hours: 48 – 54, Lab Hours: 0**
- **Prerequisites: None**
- **Co-Requisites: None**
- **Advisory: None**
- Transferable to both UC and CSU

**DISABILITY AND EDUCATIONAL SUPPORT PROGRAM**

**LRSV 001: Learning Strategies for College and Careers**

In this course, students have the opportunity to learn and apply learning strategies to increase their effectiveness both in the classroom and in the workplace. The underlying principles as well as specific strategies—including setting goals, managing time and stress, listening and note taking, improving reading, test taking, memory and concentration, and learning styles—are presented.

- **Letter Grade**
- **Units: 3**
- **Lecture Hours: 48 – 54, Lab Hours: 0**
- **Prerequisites: None**
- **Co-Requisites: None**
- **Advisory: None**
- Transferable to both UC and CSU

**LRSV 931B: Learning Strategies for Math**

This lab support course is intended to be taken concurrently with a Math course. This course is designed to meet the educational needs of students with disabilities. It focuses on the application of specific learning strategies for math.

- **Pass/No Pass**
- **Units: 1**
- **Lecture Hours: 0, Lab Hours: 48 – 54**
- **Prerequisites: None**
- **Co-Requisites: None**
- **Advisory: None**
- Not transferable

**LRSV 941B: Effective Sentence and Paragraph Writing**

This is a basic writing course designed to meet the educational needs of students with learning disabilities. Instruction focuses on improving writing skills, including basic grammar, sentence structure, punctuation/capitalization, vocabulary, and paragraph and short essay development and organization. The course employs the writing process in development of college-level paragraphs and essays.

- **Pass/No Pass, Letter Grade**
- **Units: 3**
- **Lecture Hours: 48 – 54, Lab Hours: 0**
- **Prerequisites: None**
- **Co-Requisites: None**
- **Advisory: None**
- Not transferable

**LRSV 941C: Effective Essay Writing**

This is a basic writing course that is designed to prepare students with disabilities for college-level writing and English 1A. It stresses the application of strategies and use of assistive technology to compensate for written language difficulties. This course addresses essay development, including thesis statements, supporting details and evidence, organization, coherence, and basic research skills.

- **Letter Grade, Pass/No Pass**
- **Units: 3**
- **Lecture Hours: 48 – 54, Lab Hours: 0**
- **Prerequisites: None**
- **Co-Requisites: None**
- **Advisory: None**
- Not transferable

**LRSV 943A: Learning Strategies for Math**

This is a basic writing course designed to meet the educational needs of students with learning disabilities. Instruction focuses on improving writing skills, including basic grammar, sentence structure, punctuation/capitalization, vocabulary, and paragraph and short essay development and organization. The course employs the writing process in development of college-level paragraphs and essays.

- **Pass/No Pass**
- **Units: 1**
- **Lecture Hours: 0, Lab Hours: 48 – 54**
- **Prerequisites: None**
- **Co-Requisites: None**
- **Advisory: None**
- Not transferable

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**DANC 061H: Honors Dance in America: A Cultural Perspective**

Honors Dance in America: A Cultural Perspective uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course examines dance as a cultural expression in the USA, and explores and analyzes the influence of indigenous and world dance forms including their social, political, economic, and religious significance. The course also considers the creative process and expression of the contemporary choreographer.

- **Letter Grade, Pass/No Pass**
- **Units: 3**
- **Lecture Hours: 48 – 54, Lab Hours: 0**
- **Prerequisites: None**
- **Co-Requisites: None**
- **Advisory: None**
- Transferable to both UC and CSU

**WVC GE: C. Humanities: C1- Arts**

**CSU GE: Area C - Arts and Humanities: C1- Arts**

**UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts**

**LRSV 931B: Learning Strategies for Math**

This lab support course is intended to be taken concurrently with a Math course. This course is designed to meet the educational needs of students with disabilities. It focuses on the application of specific learning strategies for math.

- **Pass/No Pass**
- **Units: 1**
- **Lecture Hours: 0, Lab Hours: 48 – 54**
- **Prerequisites: None**
- **Co-Requisites: None**
- **Advisory: None**
- Not transferable

**LRSV 941B: Effective Sentence and Paragraph Writing**

This is a basic writing course designed to meet the educational needs of students with learning disabilities. Instruction focuses on improving writing skills, including basic grammar, sentence structure, punctuation/capitalization, vocabulary, and paragraph and short essay development and organization. The course employs the writing process in development of college-level paragraphs and essays.

- **Pass/No Pass, Letter Grade**
- **Units: 3**
- **Lecture Hours: 48 – 54, Lab Hours: 0**
- **Prerequisites: None**
- **Co-Requisites: None**
- **Advisory: None**
- Not transferable

**LRSV 941C: Effective Essay Writing**

This is a basic writing course that is designed to prepare students with disabilities for college-level writing and English 1A. It stresses the application of strategies and use of assistive technology to compensate for written language difficulties. This course addresses essay development, including thesis statements, supporting details and evidence, organization, coherence, and basic research skills.

- **Letter Grade, Pass/No Pass**
- **Units: 3**
- **Lecture Hours: 48 – 54, Lab Hours: 0**
- **Prerequisites: None**
- **Co-Requisites: None**
- **Advisory: None**
- Not transferable

**LRSV 943A: Learning Strategies for Math**

This is a basic writing course designed to meet the educational needs of students with learning disabilities. Instruction focuses on improving writing skills, including basic grammar, sentence structure, punctuation/capitalization, vocabulary, and paragraph and short essay development and organization. The course employs the writing process in development of college-level paragraphs and essays.

- **Pass/No Pass**
- **Units: 1**
- **Lecture Hours: 0, Lab Hours: 48 – 54**
- **Prerequisites: None**
- **Co-Requisites: None**
- **Advisory: None**
- Not transferable

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**DISABILITY AND EDUCATIONAL SUPPORT PROGRAM**

**LRSV 001: Learning Strategies for College and Careers**

In this course, students have the opportunity to learn and apply learning strategies to increase their effectiveness both in the classroom and in the workplace. The underlying principles as well as specific strategies—including setting goals, managing time and stress, listening and note taking, improving reading, test taking, memory and concentration, and learning styles—are presented.

- **Letter Grade**
- **Units: 3**
- **Lecture Hours: 48 – 54, Lab Hours: 0**
- **Prerequisites: None**
- **Co-Requisites: None**
- **Advisory: None**
- Transferable to both UC and CSU

**CSU GE: Area E - Lifelong Learning and Self Development**
LRSV 945: Elementary Algebra Skills and Strategies
This course covers the basic operations and properties of real numbers, exponential, polynomial, rational and radical expressions. Other topics include first-degree equations and inequalities, systems of linear equations, graphing, and quadratic, rational and radical equations. Specific math learning strategies and adaptive technologies for students with disabilities are integrated throughout the course.
Letter Grade
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

ECONOMICS

ECON 001A: Principles of Macroeconomics
This course provides an introduction to aggregate economic analysis, including the analysis of: market systems; aggregate measures of the economy; macroeconomic equilibrium; money, the banking system and the role of central banks; monetary and fiscal policy; international trade and exchange rates; and macroeconomic growth.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: MATH 903 or MATH 903R or LRSV 945
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: ECON 202 - Principles of Macroeconomics

ECON 001B: Principles of Microeconomics
This course provides an introduction to microeconomic analysis which focuses on individual economic decision-makers and markets. Topics include scarcity and allocation of resources, distribution of income and wealth, market equilibrium, price ceilings/floors, elasticity, consumer theory, cost/production analysis, market structures, factor markets, market failure, international trade and finance, and the role of public policy in the economy.
Letter Grade
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: MATH 903 or MATH 903R or LRSV 945
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: ECON 201 - Principles of Microeconomics

ECON 001AH: Honors Principles of Microeconomics
Honors Principles of Microeconomics uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course provides an introduction to microeconomic analysis which focuses on individual economic decision-makers and markets. Topics include scarcity and allocation of resources, distribution of income and wealth, market equilibrium, price ceilings/floors, elasticity, consumer theory, cost/production analysis, market structures, factor markets, market failure, international trade and finance, and the role of public policy in the economy.
Letter Grade
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: MATH 903 or MATH 903R or LRSV 945
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: ECON 201 - Principles of Microeconomics

ENGINEERING

ENGR 004: Introduction to Computer Aided Design (CAD)
In this course, students learn the process of producing 2D and 3D drawings and assembling parts. The course emphasizes the reading and production of detail sheets. Students will become familiar with mechanical, civil and architectural drawings. Students have the opportunity to develop the skills necessary to pass an employer exam.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
ENGR 005: Advanced Computer-Aided Design
This course provides an opportunity for students to use concepts acquired in ENGR 004 in a more complex way, such as using 3D features (extrude, cut, and revolve). The course also addresses advanced topics in the construction of two and three dimensional drawing and solid modeling.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: ENGR 004
Transferable to both UC and CSU

ENGR 010: Introduction to Engineering
This introductory course explores the different engineering disciplines to assist students in a choice of a major in engineering. Prospective engineering students have the opportunity to learn about experimentation, data analysis, problem-solving, engineering software, basic computer programming, and the engineering design process.
Pass/No Pass, Letter Grade
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: ENGR 110 - Introduction to Engineering

ENGR 020: Engineering Graphics
This course is a study of basic technical drafting methods. This course covers the principles of engineering drawings in visually communicating engineering designs and advances the use of computer-aided design (CAD). Topics include the intermediate development of visualization skills; orthographic projections; architectural and mechanical dimensioning, design and tolerancing.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: MATH 000D
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: ENGR 150 - Engineering Graphics

ENGR 021: Intro Computing for Scientists and Engineers
This course emphasizes the use of the computer as a tool using the C++ programming language to solve scientific and engineering problems. Topics include program design, algorithms, development, documentation, and elementary data structures.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ENGR 025: Introduction to Materials
This course is an introduction to engineering materials, including pure metals, binary alloys, steels, semiconductors, plastics and polymers. The course also provides an introduction into the mechanics of materials including basic material failure mechanisms.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

ENGR 060: Programming and Problem-Solving in MATLAB
This course utilizes the MATLAB environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: MATH 003A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: ENGR 220 - Programming and Problem-Solving in MATLAB

ENGR 063: Digital and Analog Circuits
This course focuses on Logic gates, emphasizing CMOS and TTL Design Techniques. This course also covers Combinational Circuits, Counters, Registers, Multiplexers, Semiconductor Theory, Operational Amplifiers, Device applications, Signal Generators, Voltage Regulators, and Power Supplies.
Pass/No Pass, Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: MATH 003B, PHYS 004B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: ENGR 220 - Programming and Problem-Solving in MATLAB

ENGR 098: Circuit Analysis
This is an introductory course in the analysis of DC and AC electric circuits using Kirchoff's laws, Ohm's law, and Thévenin's theorem.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: MATH 003B, PHYS 004B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
ENGR 099: Statics/Vector Mechanics
This course covers the application of static principles for solution of problems with particles, trusses, frames, cables, and other structural components under concentrated distributed force systems.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: PHYS 004A, MATH 003B or PHYS 004A, MATH 003BH

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

C-ID: ENGR 130 - Statics

ENGLISH

ENGL 001A: English Composition
This course introduces the techniques of collegiate English composition with emphasis on clear and effective writing and analytical reading. In English 1A, students write a series of essays including a documented research paper. Because this is a collegiate-level writing course, students must enroll with strong grammatical competence. English 1A fulfills the written communication requirement for Associate and Bachelor degrees.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: ENGL 905 or LRSV 941C or ENGL 905X

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A1 - English Composition

CSU GE: Area A - English Language Communication and Critical Thinking: A2 - Written Communication

UC/IGETC GE: Area 1 - English Communication: 1A - English Composition

C-ID: ENGL 100 - College Composition

ENGL 001B: Critical Thinking Through Literature
English 001B introduces students to literary analysis with an emphasis on critical thinking, close reading, and analytical writing skills. This course introduces representative works from major genres and promotes appreciation and critical understanding of the cultural, historical, and aesthetic qualities of literature. Students read, discuss, and compose analytic essays about literary texts (such as short fiction, poetry, drama, and novels) from diverse cultures. This course covers formal and informal fallacies of language use and thought, and the principles of inductive and deductive reasoning. The course develops proficiency in research skills, literary criticism, and the composition of essays that synthesize multiple sources.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: ENGL 001A

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A1 - English Composition

CSU GE: Area A - English Language Communication and Critical Thinking: A2 - Critical Thinking

UC/IGETC GE: Area 1 - English Communication: 1B - Critical Thinking/English Composition

C-ID: ENGL 105 (ENGL 115) - Argumentative Writing and Critical Thinking

ENGL 001C: Critical Thinking and Writing
This course offers instruction and practice in methods of critical thinking and formal argument writing, emphasizing the following: the principles of classical argument structure and methods of reasoning; analysis and evaluation of rhetorical argument; identification of the assumptions underlying a given argument; identification and critique of fallacies in arguments; and analysis of language use and its implications in argument writing. Students in this course have the opportunity to practice critical thinking by writing substantive arguments, essays, and a documented research paper.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: ENGL 001A

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking

CSU GE: Area A - English Language Communication and Critical Thinking: A3 - Critical Thinking

UC/IGETC GE: Area 1 - English Communication: 1B - Critical Thinking/English Composition

C-ID: ENGL 105 (ENGL 115) - Argumentative Writing and Critical Thinking

ENGL 001CH: Honors Critical Thinking and Writing
Honors Critical Thinking and Writing uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course offers instruction and practice in methods of critical thinking and formal argument writing, emphasizing the following: the principles of classical argument structure and methods of reasoning; analysis and evaluation of rhetorical argument; identification of the assumptions underlying a given argument; identification and critique of fallacies in arguments; and analysis of language use and its implications in argument writing. Students in this course have the opportunity to practice critical thinking by writing substantive arguments, essays, and a documented research paper.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: ENGL 001A

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking

CSU GE: Area A - English Language Communication and Critical Thinking: A3 - Critical Thinking

UC/IGETC GE: Area 1 - English Communication: 1B - Critical Thinking/English Composition

C-ID: ENGL 105 (ENGL 115) - Argumentative Writing and Critical Thinking

ENGL 005A: Survey of English Literature
This course surveys British literature from the Old English/ Anglo-Saxon period through the 18th century.

Letter Grade, Pass/No Pass

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: ENGL 001A

Transferable to both UC and CSU

WVC GE: C. Humanities

CSU GE: Area C - Arts and Humanities: C2- Humanities

UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

C-ID: ENGL 160 (ENGL LIT 160) - Survey of British Literature 1
ENGL 006A: World Literature
This course surveys literature from around the world produced from the beginnings of oral history up to the year 1650. This course emphasizes literature outside the Anglo-American tradition. Students have the opportunity to analyze and compare texts representing various genres from different cultural regions, including Africa, Asia, Europe, the Middle East, Latin America, and the Pacific Islands. Through this cross-cultural study of literature, students have the opportunity to engage in thinking critically about cultural diversity and related issues—such as global migrations, international power dynamics, and transnational patterns of inequality—in a world context.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
C-ID: ENGL 165 - Survey of British Literature 2

ENGL 006AH: Honors World Literature
Honors World Literature uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course surveys literature from around the world produced from the beginnings of oral history up to the year 1650. This course emphasizes literature outside the Anglo-American tradition. Students analyze and compare texts representing various genres from different cultural regions, including Africa, Asia, Europe, the Middle East, Latin America, and the Pacific Islands. Through this cross-cultural study of literature, students engage in thinking critically about cultural diversity and related issues such as global migrations, international power dynamics, and transnational patterns of inequality in a world context.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
C-ID: ENGL 140 (ENGL-LIT 180) - Survey of World Literature 1

ENGL 006B: World Literature 2
This course surveys and compares literature from around the world produced between 1650 and the present. This course emphasizes literature outside the Anglo-American tradition. Students have the opportunity to analyze and compare texts representing various genres from different cultural regions, including Africa, Asia, Europe, the Middle East, Latin America, Australia, and the Pacific Islands. Through this cross-cultural study of literature, students have the opportunity to engage in thinking critically about cultural diversity and related issues such as global migrations, international power dynamics, and transnational patterns of inequality—in a world context.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
C-ID: ENGL 145 (ENGL-LIT 185) - Survey of World Literature 2

ENGL 006BH: Honors World Literature 2
Honors World Literature uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course emphasizes literature outside the Anglo-American tradition. Students have the opportunity to analyze and compare texts representing various genres from different cultural regions, including Africa, Asia, Europe, the Middle East, Latin America, Australia, and the Pacific Islands. Through this cross-cultural study of literature, students have the opportunity to engage in thinking critically about cultural diversity and related issues such as global migrations, international power dynamics, and transnational patterns of inequality in a world context.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
C-ID: ENGL 145 (ENGL-LIT 185) - Survey of World Literature 2

ENGL 007A: American Literature 1
This course surveys major American literary traditions from the colonial period to the Civil War.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
C-ID: ENGL 130 - Survey of American Literature 1
ENGL 007B: American Literature 2
This course surveys major American literary traditions from the Civil War to the present.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
C-ID: ENGL 135 - Survey of American Literature 2

ENGL 010: Children's Literature
This course provides a survey of representative samples of the world's literature written for and about children. This course covers both the history of this literature and the trends in style, purpose, and subject matter. Representative works of children's literature from around the world--including folk tales, mythology, fantasy, poetry, biography, and autobiography--form the basic categories of study. Students have the opportunity to develop close reading and analytical writing skills as well as an appreciation for the aesthetic qualities of literature written for children.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
C-ID: ENGL 180 (ENGL-LIT 145) - Children's Literature

ENGL 012: African American Literature
This course examines African American Literature from the 1700s to the present. Emphasis is given to the development of a body of literature that attests to the mastery and enhancement by Black writers of the prevailing literary forms in each era in America's cultural, social, and political history. Students in the course have the opportunity to examine how literature reflects the experiences of Africans adapting to life in new world America, their struggle against and resistance to institutional racism, their efforts to create racial and social justice, solidarity, and liberation while carving out a new identity and developing new literary styles and conventions. The literature is examined through lenses of conventional critical theory and elements of literature.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
C-ID: ENGL 180 (ENGL-LIT 145) - Children's Literature

ENGL 012H: Honors African American Literature
Honors African American Literature uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines African American Literature from the 1700s to the present. Emphasis is given to the development of a body of literature that attests to the mastery and enhancement by Black writers of the prevailing literary forms in each era in America's cultural, social, and political history. Students in the course have the opportunity to examine how literature reflects the experiences of Africans adapting to life in new world America, their struggle against and resistance to institutional racism, their efforts to create racial and social justice, solidarity, and liberation while carving out a new identity and developing new literary styles and conventions. The literature is examined through lenses of conventional critical theory and elements of literature.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 013: U.S. Latino Literature
This course examines and contextualizes representative literary texts written in (or translated to) English by authors who, since the sixteenth century, through the emergence of the Latinx Literature movement in the twentieth century and up to now, have self-identified as Hispanic/Latinx and have addressed the varied traditions, conflicts, and transformations experienced by Latinx peoples in the United States.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 013H: Honors U.S. Latino Literature
Honors U.S. Latino Literature uses the pedagogical methods common to all Honors courses: trans-disciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines and contextualizes representative literary texts written in (or translated to) English by authors who, since the sixteenth century, through the emergence of the Latinx Literature movement in the twentieth century and up to now, have self-identified as Hispanic/Latinx and have addressed the varied traditions, conflicts, and transformations experienced by Latinx peoples in the United States.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
ENGL 018: Asian American Literature
This course provides a cross-cultural comparative study of the literary fiction and non-fiction works of Asian American authors. Students in the course have the opportunity to examine how literature reflects the experiences of Asian Americans adapting to life in America, their struggles with assimilation, their efforts to create racial and social justice while carving out a new identity and literary style. Through discussion and analysis of the course texts, the course examines the history, culture, customs, and traditions of at least four of the following Asian American communities: Chinese, Japanese, Korean, Filipino, Vietnamese, Indian, and other southeast Asian and Pacific Island nations.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. HumanitiesF. Cultural Diversity
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 018H: Honors Asian American Literature
Honors Asian American Literature uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there will be focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course provides a cross-cultural comparative study of the literary fiction and non-fiction works of Asian American authors. Students in the course have the opportunity to examine how literature reflects the experiences of Asian Americans adapting to life in America, their struggles with assimilation, their efforts to create racial and social justice while carving out a new identity and literary style. Through discussion and analysis of the course texts, the course examines the history, culture, customs, and traditions of at least four of the following Asian American communities: Chinese, Japanese, Korean, Filipino, Vietnamese, Indian, and other southeast Asian and Pacific Island nations.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. HumanitiesF. Cultural Diversity
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 041: Literature and Film
This course examines cultural, artistic, historical, critical and theoretical aspects of selected works of literature and film. Students have the opportunity to engage a wide range of film and literature—often including adaptations of one into the other—as they learn to analyze and evaluate the techniques used by artists in both media.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 041H: Honors Literature and Film
Honors Literature and Film uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines cultural, artistic, historical, critical and theoretical aspects of selected works of literature and film. Students have the opportunity to engage a wide range of film and literature—often including adaptations of one into the other—as they learn to analyze and evaluate the techniques used by artists in both media.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 043: Classical Mythology
Using translations of epic, poetic, and dramatic texts of classical writers and philosophers, this course examines the meaning and function of myth in the literature of Ancient Greece and Rome as well as its recurrence and significance in modern works.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 043H: Honors Classical Mythology
Honors Classical Mythology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. Using translations of epic, poetic, and dramatic texts of classical writers and philosophers, this course examines the meaning and function of myth in the literature of Ancient Greece and Rome as well as its recurrence and significance in modern works.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
ENGL 044: The Bible As Literature
This course examines the Bible as an anthology, with each work influenced by its socio-political context, historical background and linguistic and literary milieu. To do so entails examination of different literary genres such as letters and poetry; devices such as parallelism and metaphor; as well as the Bible's compilation, transmission and translation processes. This course also examines its influence on English-language literature.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 046: Contemporary American Multi-Cultural Literature
This course examines contemporary American literature by writers from at least three of the following groups: African American/Black, American Indian, Asian American/Pacific Islander, US Latino, European American, and Middle Eastern-American. Course material opens opportunities to examine issues such as race, class, gender, and sexualities.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 046H: Honors Contemporary American Multi-Cultural Literature
Honors Contemporary American Multi-Cultural uses the pedagogical methods common to all Honors courses: trans-disciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines contemporary American literature by writers from at least three of the following groups: African American/Black, American Indian, Asian American/Pacific Islander, US Latino, European American, and Middle Eastern-American. Course material opens opportunities to examine issues such as race, class, gender, and sexuality.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 047: Introduction to Poetry
This course examines poetry from a variety of angles, including terminology, form, performance, and composition. In addition to studying poets and movements, students also have the opportunity to perform poetry, create poems, and write at least one analytical essay.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 047H: Honors Introduction to Poetry
Honors Introduction to Poetry uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines poetry from a variety of angles, including terminology, form, performance, and composition. In addition to studying poets and movements, students also have the opportunity to perform poetry, create poems, and write analytical essays that require research and high-level critical thinking.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 048: Introduction to Shakespeare
This course provides overviews of the historical and political events of Shakespeare's age, the religious and philosophical ideas of the Early Modern period, and modern critical approaches to Shakespeare's work. In addition, students in this course have the opportunity to evaluate and critically analyze a selection of Shakespeare's major plays and poetry.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
ENGL 048H: Honors Introduction to Shakespeare
Honors Introduction of Shakespeare uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. In this course students read, view, and critically analyze a selection of Shakespeare's major plays and poetry. The course provides overviews of the historical and political events of Shakespeare's age, the religious and philosophical ideas of the Early Modern period, and modern critical approaches to Shakespeare's works. In addition, the course gives students opportunities to evaluate productions of Shakespeare's plays.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2 - Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities

ENGL 049: Modern Fiction
This course focuses on reading and analyzing fiction from the Modern Period (1895-1945). It also covers Pre-modern literary movements and Postmodern texts. It fulfills general education requirement for literature.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2 - Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities

ENGL 049H: Honors Modern Fiction
Honors Modern Fiction uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course focuses on reading and analyzing fiction from the Modern Period (1895-1945). It also covers Pre-modern literary movements and Postmodern texts. It fulfills general education requirement for literature.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2 - Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities

ENGL 070: Creative Writing
This course provides an introduction to the practice and study of the craft involved in writing fiction and poetry. The course also includes the analysis and critical examination of the works of various professional writers and student writers during class workshops.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ENGL 001A
Co-Requisites: None
Advisory: ENGL 001B
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: ENGL 200 (ENGL-CW 100) - Introduction to Creative Writing

ENGL 071: Writing Fiction
This course provides instruction in writing fiction at the intermediate level. Students write short stories or several chapters of a novel at a more sophisticated level by more fully developing the elements of fiction in their writing. Students in this course have the opportunity to analyze and critique each other's work in the workshop format. This course may be of interest to students with the goal of further improving creative writing skills, or creating a portfolio prior to transferring to a 4-year program in creative writing.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ENGL 001A
Co-Requisites: None
Advisory: ENGL 070
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2 - Humanities

ENGL 072: Writing Poetry
This course provides instruction in writing poetry at the intermediate level. Students write poems at a more sophisticated level by more fully developing the elements of poetry in their writing. Students are also given the opportunity to analyze and critique each other's work in a workshop format. This course may be of interest to students with the goal of further improving creative writing skills, or creating a portfolio prior to transferring to a 4-year program in creative writing.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ENGL 001A
Co-Requisites: None
Advisory: ENGL 070
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2 - Humanities

ENGL 080: Voices: The Literary Arts Magazine
This course provides instruction and training in the managing, editing, printing, and distribution of a literary arts journal or magazine. The class participants will constitute the staff of the magazine/journal.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 905 or ENGL 905X
Transferable to CSU only
ENGL 081: Voices: Intermediate Literary Arts Magazine

This course offers students the opportunity to participate in the final production of Voices Literary Arts Magazine, West Valley's student literary journal. It provides intermediate practical workshop training in running, producing, and collaborating on Voices. This course focuses on selecting submissions and editing manuscripts; designing and laying out journal content; and finalizing production and the printing of an issue of Voices. Class members constitute the editorial staff of Voices.

Letter Grade, Pass/No Pass

Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 905 or ENGL 905X
Transferable to CSU only

ENGL 099X: Supplemental English Composition

This course is intended for students eligible for English 905 but who wish to enroll in a designated co-requisite English 1A section to complete the sequence in one intensive semester. This course is part of a learning community that provides supplemental instruction through targeted practice on the techniques of critical reading, analysis of texts, essay writing processes, research skills, and the campus resources that enhance student success in English 1A. This course is not designed to meet the needs of ESL students. This course does not fulfill the English requirement for the Associate's degree and is not a baccalaureate level course.

Pass/No Pass

Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: ENGL 903 or LRSV 941B or READ 961 or LRSV 942
Co-Requisites: ENGL 001A
Advisory: None
Not transferable

ENGL 903: Basic Grammar and Sentence Structure

This course provides a basic foundation for developing college-level writing skills. Students in this course have the opportunity to improve grammar, sentence structure, and vocabulary while developing strategies for writing well-structured paragraphs. The course also addresses the reading/writing connection and employs a process-centered approach to writing college-level paragraphs and introduces the components of college essays.

Pass/No Pass

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

ENGL 905: English Fundamentals - A Preparatory Course

This course provides the necessary foundation for college-level writing and prepares students for English 001A. Students in this course have the opportunity to learn and practice the writing process, focusing on greater proficiency in writing multi-paragraph essays. The course covers the main elements of sound essays including thesis statements, supporting details and evidence, organization, coherence and basic research techniques. Students have the opportunity to develop various writing strategies and practice writing skills using classroom computers.

Pass/No Pass

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: LRSV 941B or ENGL 903
Co-Requisites: None
Advisory: None
Not transferable

ENGL 905X: Accelerated English Fundamentals

In an Accelerated format, this course provides the necessary foundation for college-level writing, reading, and reasoning, preparing students for English 001A. Students have the opportunity to learn and practice techniques that address the reading/writing connection in preparation for transfer-level courses. Students critically read and respond to a variety of non-fiction texts and employ a process-centered approach to writing multi-paragraph essays. The course addresses developing the main elements of sound essays, including thesis statements, unified and coherent paragraphs with supporting details and evidence, organization, clear and effective sentences, and basic research techniques. Students are expected to produce a minimum of 8,000 formal words and practice writing strategies and skills using classroom computers.

Pass/No Pass

Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

ENGLISH AS A SECOND LANGUAGE

ESLW 065GW: Composition in English as a Second Language

This course provides students with the opportunity to develop fluency in writing expository paragraphs in standard written English and introduces essay structure. The focus is on the study and practice of thesis statements, rhetorical patterns, organization of an essay, coherence, and the writing process.

Letter Grade, Pass/No Pass

Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: ESLW 964GW
Co-Requisites: None
Advisory: ESLW 065RV, ESLW 065LS
Additional Requisite Information:
Advisory: It is strongly recommended that students enroll concurrently in ESLWO65RV and ESLWO65LS
Transferable to both UC and CSU

ESLW 065LS: Academic Listening & Speaking

This course is designed to provide instruction and extensive practice in academic listening and speaking such as comprehending academic lectures, note-taking, producing original speeches, analyzing hypothetical situations and becoming proficient in academic discourse. The focus is on usage of the 10,000 most common English words, including academic vocabulary.

Letter Grade, Pass/No Pass

Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: ESLW 964LS
Co-Requisites: None
Advisory: ESLW 065RV, ESLW 065GW
Additional Requisite Information:
Advisory: It is strongly recommended that students enroll concurrently in ESLWO65RV and ESLWO65RV
Transferable to CSU only
ESLW 065RV: Academic Reading and Vocabulary
This course emphasizes reading and vocabulary development for ESL students at an advanced level. Students read articles that are longer and more complex than in ESLW 964RV. Emphasis is on paraphrasing, summarizing, and analysis of texts to make abstract inferences and recognize propaganda.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ESLW 964RV
Co-Requisites: None
Advisory: ESLW 065GW, ESLW 065LS
Additional Requisite Information:
Advisory: It is strongly recommended that students enroll concurrently in ESLW 065LS and ESLW 065GW
Transferable to CSU only

ESLW 960: Foundations in ESL
This course provides basic functional practice in reading, writing, listening, speaking, and grammar for low-beginning level ESL students. It also provides preparation for placement into ESLW 961 classes. Oral communication tasks involve the comprehension and production of basic verbal instructions and requests, communication strategies, pronunciation, and vocabulary usage. Written communication tasks include completion of grammar exercises and short written assignments. Students are given the opportunity to develop basic study skills such as time management, and to complete simple tasks involving the library, dictionary, and computer.
Letter Grade, Pass/No Pass
Units: 6
Lecture Hours: 96 – 108, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

ESLW 961GW, ESLW 961RV: Basic Reading and Vocabulary
This course emphasizes reading and vocabulary development for ESL students at a basic level. This course gives students the opportunity to develop reading skills and increase their active vocabulary through adapted readings about real people, places, events, and ideas using the most common 1500 English words. Materials and class discussions are designed to increase knowledge of American culture necessary for understanding concepts and texts in English.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ESLW 960
Co-Requisites: None
Advisory: ESLW 961GW, ESLW 961LS
Additional Requisite Information:
Advisory: It is strongly recommended that students enroll concurrently in ESLW 961GW and ESLW 961LS
Not transferable

ESLW 962GW, ESLW 962RV: Basic Grammar and Writing
This course is designed to improve the basic grammar and writing skills of ESL students. The focus is on the study and practice of simple and compound sentences, using compound tenses and correct word forms, word order, spelling, and punctuation.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ESLW 961GW
Co-Requisites: None
Advisory: ESLW 962RV, ESLW 962LS
Additional Requisite Information:
Advisory: It is strongly recommended that students enroll concurrently in ESLW 962LS and ESLW 962RV
Not transferable

ESLW 961LS: Basic Listening and Speaking
This course is designed to improve the basic listening and speaking skills of ESL students by providing instruction and extensive practice in identifying the central message of extended speech. Students are provided the opportunity to comprehend familiar topics spoken by a native speaker at a reduced speed. Topics include current events and issues, life experience, past, and future events, and cultural comparisons. The focus is on American English pronunciation, word endings, word stress, sentence rhythm, and usage of the 3000 most common English words.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: ESLW 961LS
Co-Requisites: None
Advisory: ESLW 962GW, ESLW 962RV
Additional Requisite Information:
Advisory: It is strongly recommended that students enroll concurrently in ESLW 962GW and ESLW 962RV
Not transferable
ESLW 962RV: Basic Reading and Vocabulary 2
This course emphasizes reading and vocabulary development for ESL students at a low-intermediate level. This course gives non-native speakers of English the opportunity to develop reading skills and increase their active vocabulary through adapted readings about real people, places, events, and ideas using the most common 2000 English words. Materials and discussions are designed to increase students' ability to relate their life experiences to the reading topics.

Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ESLW 961RV
Co-Requisites: None
Advisory: ESLW 962GW, ESLW 962LS
Additional Requisite Information: Advisory: It is strongly recommended that students enroll concurrently in ESLW 962GW and ESLW 962LS
Not transferable

ESLW 963GW: Sentence Development
This course gives students the opportunity to develop writing fluency at the sentence and paragraph level through study and practice of compound and complex sentence patterns and organizational patterns used in standard written English.

Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ESLW 962GW
Co-Requisites: None
Advisory: ESLW 963RV, ESLW 963LS
Additional Requisite Information: Advisory: It is strongly recommended that students enroll concurrently in ESLW 963LS and ESLW 963RV
Not transferable

ESLW 963LS: Oral Communication 1
The course is designed to provide instruction and extensive practice in comprehending the significant details of familiar and unfamiliar topics spoken by a native speaker at a natural speed. Speaking and listening practice includes note-taking, giving opinions, summarizing, discussing, speculating, predicting, and giving short presentations. The focus is on American English intonation, thought groups, connected speech, and usage of the 5000 most common English words.

Letter Grade, Pass/No Pass

Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: ESLW 962LS
Co-Requisites: None
Advisory: ESLW 963RV, ESLW 963GW
Additional Requisite Information: Advisory: It is strongly recommended that students enroll concurrently in ESLW963RV and ESLW963GW
Not transferable

ESLW 963RV: Intermediate Reading and Vocabulary 1
This course emphasizes reading and vocabulary development for ESL students at an intermediate level. The course gives non-native speakers of English the opportunity to develop reading skills and increase their active vocabulary through adapted readings about real people, places, events, and ideas using the 3000 most common English words. Materials and discussions are designed to increase students' ability to analyze and summarize passages on familiar and unfamiliar topics, identify the main ideas and supporting details, and use reading strategies such as skimming, scanning, predicting, and identifying the organizational patterns.

Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ESLW 962RV
Co-Requisites: None
Advisory: ESLW 963GW, ESLW 963LS
Additional Requisite Information: Advisory: It is strongly recommended that students enroll concurrently in ESLW 963GW and ESLW 963LS
Not transferable

ESLW 964GW: Paragraph Development
This course gives students the opportunity to develop the ability to write varied complex sentences and effective paragraphs in standard written English. The course focuses on study and practice of complex sentence structures, and prewriting techniques including outlining and basic rhetorical patterns.

Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ESLW 963GW
Co-Requisites: None
Advisory: ESLW 964RV, ESLW 964LS
Additional Requisite Information: Advisory: It is strongly recommended that students enroll concurrently in ESLW 964LS and ESLW 964RV
Not transferable

ESLW 964LS: Oral Communication 2
This course is designed to provide instruction and extensive practice in oral communication in comprehension and in comprehending academic lectures adapted for English language learners. Speaking and listening practice includes identifying main concepts and summarizing using academic vocabulary and reported speech, producing outlines, and describing hypothetical situations. The focus is on usage of the 7000 most common English words and most common academic vocabulary.

Letter Grade, Pass/No Pass

Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: ESLW 963LS
Co-Requisites: None
Advisory: ESLW 964GW, ESLW 964RV
Additional Requisite Information: Advisory: It is strongly recommended that students enroll concurrently in ESLW 964GW and ESLW 964RV
Not transferable
ESLW 964RV: Intermediate Reading and Vocabulary 2

This course emphasizes reading and vocabulary development for ESL students at a high-intermediate level in a variety of social, business, and/or academic situations. The course gives non-native speakers of English the opportunity to develop their reading comprehension and reading skills such as identifying the writer's attitude. The course allows students to increase their active vocabulary using the 4000 most common English words, including some academic vocabulary, and provides students the opportunity to use current vocabulary resources, syntactic knowledge, and new and idiomatic expressions to share their ideas.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ESLW 963RV
Co-Requisites: None
Advisory: ESLW 964GW, ESLW 964LS
Additional Requisite Information: Advisory: It is strongly recommended that students enroll concurrently in ESLW 964GW and 964LS
Not transferable

ETHNIC STUDIES

ETHN 001: Introduction to Ethnic and Social Justice Studies

The course offers an interdisciplinary study of race and ethnicity in the United States, with a focus on social justice movements of U.S. ethnic and racial groups. This course provides a basis for a better understanding of the socio-economic, cultural and political conditions of key race-ethnic social groups, and explores the evolution, impact, and future of Ethnic Studies itself. Students have an opportunity to examine the history of social justice and racial groups. This course provides a basis for a better understanding of the socio-economic, cultural and political conditions of key race-ethnic social groups, and explores the evolution, impact, and future of Ethnic Studies itself. Students have an opportunity to examine the history of social justice and racial equality movements in the United States, with a focus on social justice movements of U.S. ethnic and racial groups. This course provides a basis for a better understanding of the socio-economic, cultural and political conditions of key race-ethnic social groups, and explores the evolution, impact, and future of Ethnic Studies itself. Students have an opportunity to examine the history of social justice and racial groups. This course provides a basis for a better understanding of the socio-economic, cultural and political conditions of key race-ethnic social groups, and explores the evolution, impact, and future of Ethnic Studies itself. Students have an opportunity to examine the history of social justice and racial groups.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area C - Arts and Humanities: C2 - Humanities Area D - Social Sciences Area F - Ethnic Studies
UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities Area 4 - Social and Behavioral Science

ETHN 012: African American Literature

This course examines African American Literature from the 1700s to the present. Emphasis is given to the development of a body of literature that attests to the mastery and enhancement by Black writers of the prevailing literary forms in each era in America's cultural, social, and political history. Students in the course have the opportunity to examine how literature reflects the experiences of Africans adapting to life in new world America, their struggle against and resistance to institutional racism, their efforts to create racial and social justice, solidarity, and liberation while carving out a new identity and developing new literary styles and conventions. The literature is examined through lenses of conventional critical theory and elements of literature.

Pass/No Pass, Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU

WVC GE: C. Humanities F. Cultural Diversity
CSU GE: Area C - Arts and Humanities: C2 - Humanities Area F - Ethnic Studies
UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities

ETHN 012H: Honors African American Literature

Honors African American Literature uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there will be focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines African American Literature from the 1700s to the present. Emphasis is given to the development of a body of literature that attests to the mastery and enhancement by Black writers of the prevailing literary forms in each era in America's cultural, social, and political history. Students in the course have the opportunity to examine how literature reflects the experiences of Africans adapting to life in new world America, their struggle against and resistance to institutional racism, their efforts to create racial and social justice, solidarity, and liberation while carving out a new identity and developing new literary styles and conventions. The literature is examined through lenses of conventional critical theory and elements of literature.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU

WVC GE: C. Humanities F. Cultural Diversity
CSU GE: Area C - Arts and Humanities: C2 - Humanities Area F - Ethnic Studies
UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities

ETHN 013: U.S. Latino Literature

This course examines and contextualizes representative literary texts written in (or translated to) English by authors who, since the sixteenth century, through the emergence of the Latinx Literature movement in the twentieth century and up to now, have self-identified as Hispanic/Latinx and have addressed the varied traditions, conflicts, and transformations experienced by Latinx peoples in the United States.

Pass/No Pass, Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU

WVC GE: C. Humanities F. Cultural Diversity
CSU GE: Area C - Arts and Humanities: C2 - Humanities Area F - Ethnic Studies
UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities
ETHN 013H: Honors U.S. Latino Literature
Honors U.S. Latino Literature uses the pedagogical methods common to all Honors courses: trans-disciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines and contextualizes representative literary texts written in (or translated to) English by authors who, since the sixteenth century, through the emergence of the Latinx literature movement in the twentieth century and up to now, have self-identified as Hispanic/Latinx and have addressed the very traditions, conflicts, and transformations experienced by Latinx peoples in the United States.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2-Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B-Humanities

ETHN 018: Asian American Literature
This course provides a cross-cultural comparative study of the literary fiction and non-fiction works of Asian American authors. Students in the course have the opportunity to examine how literature reflects the experiences of Asian Americans adapting to life in America, their struggles with assimilation, their efforts to create racial and social justice while carving out a new identity and literary style. Through discussion and analysis of the course texts, the course examines the history, culture, customs, and traditions of at least four of the following Asian American communities: Chinese, Japanese, Korean, Filipino, Vietnamese, Indian, and other southeast Asian and Pacific Island nations.
Pass/No Pass, Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2-Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B-Humanities

FASHION DESIGN AND APPAREL TECHNOLOGY
FDAT 019: Computer Patternmaking
This course provides students the opportunity to learn 2D and 3D patternmaking in a digital format using the CLO3D platform. Students are given the tools to gain experience with grading and marker making.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: FDAT 056
Transferable to CSU only

FDAT 020: Couture Embellishment
This course provides students the opportunity to learn embellishment techniques used in the couture fashion industry and explore their use for the enhancement of contemporary designs.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 027: Professional Image
This course consists of wardrobe coordination and business etiquette practices for professional and contemporary life styles. Theories of color harmony and individual coloring, proportion, line and design for individual figures and faces are presented in the context of projecting a professional image in a business environment. Information presented in this course is applicable for those in all professional careers.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: E. Lifelong Understanding and Development

FDAT 030: Introduction to Fashion Design
This course presents general information about the global fashion industry, fashion change, environmental issues, and the process of apparel design and production. Career opportunities and requirements for employment within the fashion industry are explored.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 032: History of Fashion
This class covers the historical development of Western fashions/costumes with emphasis on the period from 1660 to the present. The effect of a historical period on the fashions of the times is explored with an emphasis on the relationship between past eras and today's fashion. Students have the opportunity to study the careers of major twentieth century designers and their contribution to the field of fashion.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
FDAT 044: Fashion Drawing
This course introduces the techniques for drawing apparel. These techniques include principles of fashion figure proportion, garment styling, and fabric rendering. Basic fashion figures called “croquis” forms are used to draw apparel in the flat and the three dimensional form. This course is essential for anyone entering any apparel design career and is helpful to those entering an apparel manufacturing or patternmaking career.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 051: Basic Apparel Construction
This course provides students the opportunity to use basic industry standard construction techniques and sequences for mass production of apparel. Working in a mock-factory setting, students have the opportunity to operate and maintain sewing equipment while completing several basic garments.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 052A: Fabric Analysis 1
Fabric information applicable to apparel and other textile related products are presented with emphasis on the analysis of fibers, yarns, fabric construction, coloration and finishes as they relate to textile end products. The course provides students the opportunity to perform hands-on experiments to reinforce basic information and expand working knowledge of fabrics.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 052B: Fabric Analysis 2
This course is a continuation of FDAT 052A. Woven, knit, and printed fabrics as well as textile innovations are studied in depth. Textile testing, labeling, regulations and environmental concerns are also covered. Emphasis is placed on understanding fabric’s behavior, durability, performance and the criteria for selecting appropriate fabrics for apparel.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: FDAT 052A
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 055: Apparel Manufacturing
This course is an introduction to the industrial process of apparel manufacturing including garment construction and assembly techniques, factory methods of mass production, operation of industrial power equipment, and the processes of work flow and production management.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 056: Patternmaking 1
This course covers the methods of creating flat patterns for workroom sample garments using fashion industry professional patternmaking techniques. Students have the opportunity to create style variations by manipulating basic pattern blocks. Students also have the opportunity to transfer designs from sketches into usable first sample patterns for apparel production.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 057: Patternmaking 2
This course is a continuation of Patternmaking 1. Advanced flat patternmaking techniques are emphasized for both woven and knit fabrics. Students have the opportunity to develop and test first patterns and sample garments to fit on industry dress forms. All projects are produced using industry dress forms and industry equipment in the Fashion Design lab.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: FDAT 056
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 058: Fashion Draping
This course covers the three-dimensional method of creating workroom sample patterns using fashion industry professional draping techniques. Students have the opportunity to drape designs in muslin and fashion fabric on standard industry dress forms then transfer them into first patterns for apparel production. Students also have the opportunity to construct sample garments.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
FDAT 066: Technical Design
This course covers computer techniques for creating garment specification packages for apparel manufacturing. Students have the opportunity to learn to import images of technical drawings into spreadsheets and add accurate measurements to create professional spec packages.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: FDAT 087
Transferable to CSU only

FDAT 070: Elements & Principles of Design
This course introduces students to the basic design elements and principles as they apply to fashion design. The effect of silhouette, proportion, line and color are explored with the emphasis on developing an aesthetic awareness of good design.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 076: Creative Apparel Design
This course explores the creative process of apparel design and the development of groups and collections. Students have the opportunity to learn the process of designing for specific markets, seasons, and price categories, and to develop designs within their chosen area of interest. Methods of organizing and presenting design concepts are stressed.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: FDAT 044, FDAT 052A, FDAT 070
Co-Requisites: None
Advisory: FDAT 056, FDAT 058
Transferable to CSU only

FDAT 081: Line Development
This course focuses on the process of developing a line of apparel and techniques for presenting it using a professional portfolio. Emphasis is on the process of organizing original design concepts into a complete apparel mini-collection, including the designing, construction, and costing of pre-production samples. Students have the opportunity to create their own line of apparel in the chosen area of interest.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: FDAT 052B, FDAT 057, FDAT 076
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 082: Sustainable Design
This course introduces students to the philosophical and practical principles of sustainable design and its application to the global fashion apparel and textile industry. Environmental issues and sustainable design principles are emphasized in order to provide a foundation for evaluating materials, processes and methods related to environmentally responsible fashion and textile production. By following the global production of apparel, students discover the implications of design decisions on the environment.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: FDAT 030
Transferable to CSU only

FDAT 084: Fashion Design Internship
This course provides students with the opportunity to apply knowledge/skills learned in the Fashion Design Program through an internship in an apparel firm or design department under the supervision of a fashion professional. The course provides the opportunity for direct industry experience as well as a forum to discuss various aspects of employment in the apparel industry. Each Internship must focus on a different company or department to provide a unique learning opportunity.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 0, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 087: CAD: Technical Drawings and Specifications
This course covers the methods of creating flat sketches and technical drawings for apparel and basic textile designs using common computer aided design programs. Techniques for creating specification sheets, layouts, and presentations are also covered. This course is appropriate for students who want to create flat drawings, technical drawings, and background images in any of the following disciplines: apparel design, desktop publishing, graphic arts/design, digital arts, fine arts, and multimedia.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

FDAT 088: Fashion and Race in America
This class covers the historical development of global fashion with emphasis on the contributions of Native American, African American, Asian American, and Latina and Latino American communities. Textile techniques and garment construction theories and knowledge from these communities are examined with a particular emphasis on agency and group-affirmation. Students have the opportunity to study and actively engage in anti-racist movements using global textile techniques.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

WVC GE: C. Humanities
F. Cultural Diversity
CSU GE: C1 - Arts and Humanities
FRENCH

**FRNC 001A: Beginning French**

This course is designed to teach the fundamentals of French grammar and pronunciation, basic skills in speaking, writing and understanding the spoken and written word, and to introduce Francophone cultures.

Letter Grade, Pass/No Pass  
Units: 5  
Lecture Hours: 80 – 90, Lab Hours: 0  
Prerequisites: None  
Co-Requisites: None  
Advisory: None  
Transferable to both UC and CSU  
WVC GE: C. Humanities  
CSU GE: Area C - Arts and Humanities: C2- Humanities  
UC/IGETC GE: Area 6A - IGETC Languages (LOTE)

**FRNC 001B: Beginning French**

This course continues development of the language skills in speaking, writing and understanding the spoken and written French, and further explores cultures of the Francophone world begun in French 001A.

Letter Grade, Pass/No Pass  
Units: 5  
Lecture Hours: 80 – 90, Lab Hours: 0  
Prerequisites: FRNC 001A  
Co-Requisites: None  
Advisory: None  
Transferable to both UC and CSU  
WVC GE: C. Humanities  
CSU GE: Area C - Arts and Humanities: C2- Humanities  
UC/IGETC GE: Area 6A - IGETC Languages (LOTE)

**FRNC 002A: Intermediate French**

FRNC 002A is designed to further develop and expand upon the proficiency acquired in the first-year French in four areas of French language skills - speaking, listening, reading, and writing - through mastering new and more complex grammar concepts and tenses such as indicative and subjunctive. This course also covers vocabulary-building exercises, culturally relevant dialogues and discussions, viewing and analyzing authentic short-subject films, and readings by writers from diverse francophone countries.

Pass/No Pass, Letter Grade  
Units: 5  
Lecture Hours: 80 – 90, Lab Hours: 0  
Prerequisites: FRNC 001B  
Co-Requisites: None  
Advisory: None  
Transferable to both UC and CSU  
WVC GE: C. Humanities  
CSU GE: Area C - Arts and Humanities: C2- Humanities  
UC/IGETC GE: Area 6A - IGETC Languages (LOTE)

**FRNC 002B: Intermediate French**

French 002B is designed as a continuation of French 002A. This course reviews and further develops grammatical structures with emphasis on past tenses and past subjunctive. This course also emphasizes building communicative competence, expanding high-order vocabulary and idiomatic usage, analyzing authentic short-subject films, and reading materials by writers from diverse francophone countries.

Pass/No Pass, Letter Grade  
Units: 5  
Lecture Hours: 80 – 90, Lab Hours: 0  
Prerequisites: FRNC 002A  
Co-Requisites: None  
Advisory: None  
Transferable to both UC and CSU  
WVC GE: C. Humanities  
CSU GE: Area C - Arts and Humanities: C2- Humanities  
UC/IGETC GE: Area 6A - IGETC Languages (LOTE)

**FRNC 003A: Advanced French Oral and Written Composition**

This course centers on the intensive use of the French language for the enrichment of oral and written proficiency. Students in this course have the opportunity to enhance their knowledge of French grammar, expand abstract vocabulary, and develop idiomatic expression while emphasizing written and oral composition. The course includes an analysis of short works of French literature and selected contemporary publications.

Pass/No Pass, Letter Grade  
Units: 5  
Lecture Hours: 80 – 90, Lab Hours: 0  
Prerequisites: FRNC 003A  
Co-Requisites: None  
Advisory: None  
Transferable to both UC and CSU  
WVC GE: C. Humanities  
CSU GE: Area C - Arts and Humanities: C2- Humanities  
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities  
UC/IGETC GE: Area 6A - IGETC Languages (LOTE)

**FRNC 003B: Advanced French Oral and Written Composition**

This course is designed as a continuation of French 3A. This course focuses on extensive reading and analysis of francophone literature and non-literary sources, as well as discussions and writing based on these readings. It also focuses on the comprehension and use of complex grammar structures.

Units: 5  
Lecture Hours: 80 – 90, Lab Hours: 0  
Prerequisites: FRNC 003A  
Co-Requisites: None  
Advisory: None  
Transferable to both UC and CSU  
WVC GE: C. Humanities  
CSU GE: Area C - Arts and Humanities: C2- Humanities  
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities  
UC/IGETC GE: Area 6A - IGETC Languages (LOTE)
FRNC 011A: French Laboratory
This is an online laboratory course designed to give students the opportunity to improve and reinforce their French language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one's self, describing daily life activities, and exchanging information about pastimes. It explores French culture using language computer programs, and a variety of other technologies, media, Internet resources, and films. This course is recommended for students enrolled in French 1A to further enhance 1A course material, but it may be taken independently.
Letter Grade, Pass/No Pass
Units: 0.5
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: FRNC 001A
Transferable to CSU only

FRNC 011B: French Laboratory
This is an online laboratory course designed as a continuation of French 011A. It allows students the opportunity to learn and perform complex language skills, such as: giving formal and informal polite commands, making suggestions, formulating hypotheses, and narrating events in the past. Students have the opportunity to implement their knowledge of the French culture through the study of movies, short stories, poems, and newspaper articles, using a variety of technologies, media, Internet resources, and films. This course is recommended for students enrolled in French 1B to further enhance 1B course material, but it may be taken independently.
Letter Grade, Pass/No Pass
Units: 0.5
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: FRNC 001B
Transferable to CSU only

FRNC 050A: Basic French Conversation and Culture
This course is designed for those desiring a basic, practical conversational approach to learning a language. The course emphasizes conversation and vocabulary building with basic grammar. A variety of activities permit the student to actively use the language while studying it. Cultural topics center on everyday life in francophone countries today such as food, customs and traditions, and family. This course benefits people conducting business with French-speaking countries.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

FRNC 050B: Basic French Conversation and Culture
This course is designed for those who already have a basic knowledge of the French language and would like to expand it. The course emphasizes conversation, vocabulary-building, and problem solving tasks. A variety of classroom activities permit students the opportunity to actively use the language while studying it. This course may be beneficial for people who conduct business with foreign countries.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: FRNC 050A
Co-Requisites: None
Advisory: None
Transferable to CSU only

FRNC 051A: Intermediate French Conversation and Culture
In this course students have the opportunity to enhance their ability to express themselves orally in French. The course reviews basic grammar, offers new vocabulary, and a variety of activities which allow students the opportunity to use their French while furthering their knowledge of the customs and cultures of French-speaking countries.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: FRNC 050B
Co-Requisites: None
Advisory: None
Transferable to CSU only

FRNC 051B: Intermediate French Conversation and Culture
This course is a continuation of FRNC 051A. Conversation is emphasized, along with vocabulary acquisition and idiomatic expression. The course includes cultural topics and a review of basic grammar structures.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: FRNC 051A
Co-Requisites: None
Advisory: None
Transferable to CSU only

FRNC 062: An Introduction to the Culture of France
This is a multi-disciplinary introduction to the culture of France. Topics include the regions of France, French food and wines, an introduction to the French language, Paris, French art, the French character, and business customs. This course is designed for those who travel, do business with French companies, work in the food and restaurant industry, and for those wishing to expand their general knowledge of France and French culture.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

GEOGRAPHY

GEOG 001: Intro Physical Geography
This course is a spatial study of the Earth's dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered; they may include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS).
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical Sciences
C-ID: GEOG 110 - Introduction to Physical Geography
**GEOG 002: Introduction to Cultural Geography**
This course is a study of systems of human technologies and cultural practices as developed in particular regions of the earth through time by human populations. People's relationship to the land is observed through the description and explanation of changes made on the earth's surface by human cultures.
Letter Grade, Pass/No Pass

**Units: 3**

**Lecture Hours:** 48 – 54, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** D. Social Sciences: D1 - Social and Behavioral Sciences
**F. Cultural**

**CSU GE:** Area D - Social Sciences
**UC/IGETC GE:** Area 4 - Social and Behavioral Science

**C-ID:** GEOG 120 - Introduction to Human Geography

**GEOG 006: World Regional Geography**
This course is a survey of the world's culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis is on spatial and historical influences on population growth, transportation networks, and natural environments. Identifying and evaluating the importance of significant features of a region are also covered.
Letter Grade

**Units: 3**

**Lecture Hours:** 48 – 54, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** D. Social Sciences: D1 - Social and Behavioral Sciences
**F. Cultural**

**CSU GE:** Area D - Social Sciences
**UC/IGETC GE:** Area 4 - Social and Behavioral Science

**C-ID:** GEOG 125 - World Regional Geography

**GEOLOGY**

**GEO 001A: Physical Geology**
This course provides an introduction to the principles of geology with emphasis on Earth processes. This course focuses on the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of: rocks and minerals; topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity; and effects of tectonic activity.
Letter Grade, Pass/No Pass

**Units: 4**

**Lecture Hours:** 48 – 54, **Lab Hours:** 48 – 54

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** B. Natural Sciences
**CSU GE:** Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
**UC/IGETC GE:** Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity

**C-ID:** GEOL 101 - Physical Geology with Lab

**GEO 001B: Historical Geology**
Historical geology introduces theories on the origin of the earth, ocean, atmosphere, paleogeography, and life as determined in the fossil and stratigraphic rock record during the past 4.6 billion years. Subjects include the minerals and rocks, plate tectonics, geologic dating, fossils, stratigraphy, biological evolution, the origin of planet Earth, and environment of deposition of rock formations. With the background of geologic principles, the development of the North American continent is introduced in detail.
Letter Grade, Pass/No Pass

**Units: 4**

**Lecture Hours:** 48 – 54, **Lab Hours:** 48 – 54

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** GEOL 001A or GEOL 001AH

Transferable to both UC and CSU

**WVC GE:** B. Natural Sciences
**CSU GE:** Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
**UC/IGETC GE:** Area 5 - Physical and Biological Sciences

**C-ID:** GEOL 110 - Historical Geology

**GEO 002A: Historical Geology with Lab**
This course provides an introduction to the essentials of Earth Science. The course focuses on the interactions between physical and chemical systems of the Earth, including the geosphere, atmosphere, hydrosphere, and solar system. Lecture topics include plate tectonics, rock cycle, hydrologic cycle, solar system astronomy, weather, and climate. Laboratory activities include: mineral and rock identification; plate tectonics, earthquakes, and volcanoes; groundwater, stream, and mass wasting processes; geologic time and fossils; solar system and lunar astronomy; weather and climate; and field trip studies.
Letter Grade, Pass/No Pass

**Units: 4**

**Lecture Hours:** 48 – 54, **Lab Hours:** 48 – 54

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** B. Natural Sciences
**CSU GE:** Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
**UC/IGETC GE:** Area 5 - Physical and Biological Sciences

**C-ID:** GEOL 112 - Earth Science with Lab

**GEO 012: Earth Science with Lab**
This course provides an introduction to the essentials of Earth Science. The course focuses on the interactions between physical and chemical systems of the Earth, including the geosphere, atmosphere, hydrosphere, and solar system. Lecture topics include plate tectonics, rock cycle, hydrologic cycle, solar system astronomy, weather, and climate. Laboratory activities include: mineral and rock identification; plate tectonics, earthquakes, and volcanoes; groundwater, stream, and mass wasting processes; geologic time and fossils; solar system and lunar astronomy; weather and climate; and field trip studies.
Letter Grade, Pass/No Pass

**Units: 4**

**Lecture Hours:** 48 – 54, **Lab Hours:** 48 – 54

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** B. Natural Sciences
**CSU GE:** Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
**UC/IGETC GE:** Area 5 - Physical and Biological Sciences

**C-ID:** GEOL 121 - Earth Science with Lab

**GEO 015: Geology of California**
Geology of California investigates the geologic development of California in space and time as shown by sedimentary, igneous, and metamorphic rocks and associated faults, folds and land forms. A background of earth science, although not required, is helpful.
Letter Grade, Pass/No Pass

**Units: 3**

**Lecture Hours:** 48 – 54, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** B. Natural Sciences
**CSU GE:** Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
**UC/IGETC GE:** Area 5 - Physical and Biological Sciences

**C-ID:** GEOL 200 - Geology of California
GEOL 020: Field Geology
This course introduces basic tools and techniques used in geologic fieldwork including pocket transit compass, air photography interpretation, and the analysis, and interpretation of geologic maps. Nine to ten days of weekend field trips are required, including a four- to six-day camping trip to complete the geologic mapping exercise. Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2

GEOL 030: Regional Geology Field Excursion
This is a lecture course conducted partially in the field, whose location may change from semester to semester. This allows students to study, through direct observation, the geologic history and processes that have formed and shaped the Earth. The course includes pre-trip lecture meetings that cover the fundamentals of geology and the geologic history of the specific location chosen for the trip. Hiking and overnight stays are required. Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: ASTR 030
Advisory: None
Additional Requisite Information: Co-requisites: ASTR 030 needs to be taken concurrently with GEOL 030 because it is an interdisiplinary course
Transferable to CSU only
WVC GE: B. Natural Sciences

GEOSPATIAL TECHNOLOGY

GIST 016A: Introduction to Geospatial Technology
This course examines the theory behind Geographic Information Systems (GIS), Global Positioning Systems (GPS) and Remote Sensing and their application to spatial data. This course is designed to take an interdisciplinary approach to GIS and demonstrate its capability for analysis and decision-making in diverse industries and academic disciplines. Students have the opportunity to use the most current desktop software and on-line applications to find solutions and develop methods to solve problems using spatial data. Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality; A2 - Communication and Analytical Thinking

GIST 016B: Mobile GIS
This course provides students the opportunity to collect field data with a location service application and incorporate that data in a mobile GIS. The use of (GPS) in conjunction with Mobile GIS software is emphasized. Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

GIST 016C: Spatial Analysis for GIS
This course provides a detailed examination of spatial information systems and a survey of quantitative techniques applicable to spatial data. This course focuses on the functionality of GIS as an effective tool for modeling and analyzing complex spatial relationships. Quantitative methods are studied to include measures of central tendency, dispersion, and density. These methods are presented using empirical data. Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

GIST 016D: Cartographic Design for GIS
This course provides a comprehensive study of GIS applicable cartography including cartographic principles, data acquisition methods used in map production, and methods of base map development. This course covers the history, principles of cartography map projections, map scale, types of thematic maps and map accuracy. Techniques used in GIS base map development are introduced using hands-on exercises. This course includes the production of professional quality maps and hands-on work in computer assisted mapping projects. Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: GIST 016A
Transferable to CSU only

GIST 016E: Database Design and Management for GIS
This course examines the principles of database management and design including conversion fundamentals, modeling techniques and strategic planning. The needs, alternatives and pitfalls of database development and conversion are discussed. Various types of data applicable to GIS and their hardware and software requirements are explored along with appropriate methodology for developing a conversion plan and data quality assurance. This course includes hands-on practical exercises in database management skills. Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: GIST 016A
Transferable to CSU only
GIST 016G: Introduction to Remote Sensing

This course introduces the concepts of remote sensing. This includes the history and current techniques for remote sensing, the use of imagery to assess and classify land changes over time, and the methods to conduct analysis using current remote sensing software.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to CSU only

GIST 016I: GIS Programming and the Web

This course focuses on GIS programming for the web and the use of Python programming. Students have the opportunity to apply the principles of web-based programming for GIS applications. The course also explores how Python programming adds functionality to GIS mapping software.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to CSU only

GERMAN

GERM 001A: Beginning German

This course covers the fundamentals of the German language within a cultural context. This is a proficiency-based course that emphasizes the acquisition and development of communicative skills (comprehension, speaking, reading, and writing) and the understanding of German-speaking cultures.

Letter Grade, Pass/No Pass

Units: 5

Lecture Hours: 80 – 90, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: C. Humanities

CSU GE: Area C - Arts and Humanities: C2- Humanities

UC/IGETC GE: Area 6A - IGETC Languages (LOTE)

GERM 001B: Beginning German

This course continues the development of basic skills for communication in German 001A: listening, speaking, reading, writing, and offers further exploration of the German culture begun in German 001A. It covers more complex grammar and communicative functions such as: narrating an event in the past, expressing one's opinions using subjunctive, and giving formal and informal commands, among others.

Letter Grade, Pass/No Pass

Units: 5

Lecture Hours: 80 – 90, Lab Hours: 0

Prerequisites: GERM 001A

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: C. Humanities

CSU GE: Area C - Arts and Humanities: C2- Humanities

UC/IGETC GE: Area 3 - Arts and Humanities: 3B- HumanitiesArea 6A - IGETC Languages (LOTE)

GERM 002A: Intermediate German

GERM 002A is designed as a continuation of GERM 001B. This course covers culture and facilitates language acquisition through high-level listening, speaking, reading, and writing. Content is expanded beyond “survival” needs of the immediate environment and covers intermediate linguistic functions such as expressing personal opinions, offering suggestions on familiar topics, and making plans, as well as conversing on some abstract issues. High frequency structures and high level vocabulary are covered in the course as more complex discourse is presented.

Letter Grade, Pass/No Pass

Units: 5

Lecture Hours: 80 – 90, Lab Hours: 0

Prerequisites: GERM 001B

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: C. Humanities

CSU GE: Area C - Arts and Humanities: C2- Humanities

UC/IGETC GE: Area 3 - Arts and Humanities: 3B- HumanitiesArea 6A - IGETC Languages (LOTE)

GERM 002B: Intermediate German

GERM 002B is a continuation of GERM 002A. It covers culture and facilitates language acquisition through listening, speaking, reading, and writing on complex topics. It emphasizes interaction with authentic language in context in complex circumstances. Relying on the language foundations acquired in the previous levels, the course expands vocabulary and analyzes grammar topics in depth. Critical thinking and analysis of linguistic structures and techniques for reflecting on and making cross-cultural comparisons are also emphasized in the course.

Pass/No Pass, Letter Grade

Units: 5

Lecture Hours: 80 – 90, Lab Hours: 0

Prerequisites: GERM 002A

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: C. Humanities

CSU GE: Area C - Arts and Humanities: C2- Humanities

UC/IGETC GE: Area 3 - Arts and Humanities: 3B- HumanitiesArea 6A - IGETC Languages (LOTE)

GERM 011A: German Laboratory

This is an online laboratory course designed to give students the opportunity to improve and reinforce their German language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one's self, describing daily life activities, and exchanging information about pastimes. It explores German culture using language computer programs, and a variety of other technologies, media, Internet resources, and films. This course is recommended for students enrolled in German 1A to further enhance 1A course material, but it may be taken independently by students who are not enrolled in a foreign language lecture course.

Letter Grade, Pass/No Pass

Units: 0.5

Lecture Hours: 0, Lab Hours: 24 – 27

Prerequisites: None

Co-Requisites: None

Advisory: GERM 001A

Transferable to CSU only

Python programming adds functionality to GIS mapping software.

This course introduces the concepts of remote sensing. This includes the history and current techniques for remote sensing, the use of imagery to assess and classify land changes over time, and the methods to conduct analysis using current remote sensing software.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to CSU only

GIST 016I: GIS Programming and the Web

This course focuses on GIS programming for the web and the use of Python programming. Students have the opportunity to apply the principles of web-based programming for GIS applications. The course also explores how Python programming adds functionality to GIS mapping software.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to CSU only

GERMAN

GERM 001A: Beginning German

This course covers the fundamentals of the German language within a cultural context. This is a proficiency-based course that emphasizes the acquisition and development of communicative skills (comprehension, speaking, reading, and writing) and the understanding of German-speaking cultures.

Letter Grade, Pass/No Pass

Units: 5

Lecture Hours: 80 – 90, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: C. Humanities

CSU GE: Area C - Arts and Humanities: C2- Humanities

UC/IGETC GE: Area 6A - IGETC Languages (LOTE)

GERM 001B: Beginning German

This course continues the development of basic skills for communication in German 001A: listening, speaking, reading, writing, and offers further exploration of the German culture begun in German 001A. It covers more complex grammar and communicative functions such as: narrating an event in the past, expressing one's opinions using subjunctive, and giving formal and informal commands, among others.

Letter Grade, Pass/No Pass

Units: 5

Lecture Hours: 80 – 90, Lab Hours: 0

Prerequisites: GERM 001A

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: C. Humanities

CSU GE: Area C - Arts and Humanities: C2- Humanities

UC/IGETC GE: Area 3 - Arts and Humanities: 3B- HumanitiesArea 6A - IGETC Languages (LOTE)
Courses

GERM 011B: German Laboratory
This is a laboratory course designed as a continuation of German 11A. The focus is on speaking and listening. It allows students the opportunity to improve and reinforce their language skills and increase their knowledge of the culture of German speaking countries through study of movies, using a variety of technologies, media, Internet resources. The course is recommended for students enrolled in German 001B, and is designed to further enhance 1B course material. German 011B may also be taken independently by students who are not enrolled in a foreign language lecture course.

Letter Grade, Pass/No Pass

Units: 0.5
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: GERM 001B
Advisory: None
Transferable to CSU only

HEALTH CARE TECHNOLOGIES

HTCH 001: Introduction to Health Care
This course is a survey of the health care delivery system and the development of health care ancillary fields. It is recommended that students take this during their first semester in the Health Care Technologies Department.

Pass/No Pass, Letter Grade
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

HTCH 002: Medical Information Processing
In this course, students have the opportunity to receive instruction in medical information processing. The course material covers the applications and use of medical terminology, abbreviations, symbols, and numbers. The course also introduces appropriate formats in medical communications, such as medical chart notes, history and physicals, consultations and operative reports.

Letter Grade
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

HTCH 004: Structure and Function of the Human Body
This course is designed specifically for, but not limited to, students in the Health Care Technology programs. Students have the opportunity to learn the basic anatomical and physiological components associated with each body system.

Letter Grade
Units: 3
Lecture Hours: 40 – 45, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: B. Natural Sciences

HTCH 005: Basic Medical Terminology
This course provides a basic understanding of word parts, including root words, prefixes and suffixes, and how they are combined to form medical terms. Emphasis is on how medical terms relate to the major organ systems in the body, and related medical specialties and pathologies with intensive practice in vocabulary building, pronunciation and usage.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

HTCH 006: Advanced Medical Terminology
This course provides an introduction to the nature of diseases and terms for the clinical procedures, laboratory tests, and abbreviations connected with them. Students have the opportunity to learn the terminology related to anatomy and physiology of the body systems.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: HTCH 005
Co-Requisites: None
Advisory: None
Transferable to CSU only

HTCH 007: Medical Ethics & Law
This course covers medical ethics and law in the Health Care Profession. The areas covered are: bio-ethical issues, medical practice acts, legal relationships and responsibilities, invasions of privacy, medical professional liability, the litigation process, avoiding unjustified malpractice/negligence claims, and the exploration of relevant current issues.

Letter Grade
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

HTCH 008: Communication for Health Care Personnel
This course provides instruction for the health care provider in the area of team membership. Styles of communication, human needs, individual differences, and cultural biases are examined. The behavior, needs, and methods of communication required by different groups of patients (children, youths, elderly as well as those suffering from violence, homelessness, life altering illness or injury, chemical dependency, anger or depression, and those who are dying) are represented.

Letter Grade
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
HTCH 041: Medical Office Business Procedures
In this course, students have the opportunity to both learn and apply administrative procedures in a medical office. These procedures include management of appointment schedules, telephone communications, medical record management, credit and collections, accounts receivable, accounts payable, personnel selection, training and supervision, and payroll record keeping.

Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: HTCH 005
Transferable to CSU only

HTCH 042: Insurance Billing and Coding
In this course, students have the opportunity to learn the theory and practice of ICD-10-CM (diagnostic) and CPT (procedural) coding, and the billing of private and government health insurance programs for the medical office.

Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: HTCH 005
Not transferable

HTCH 043: Basic Medical Accounting and Record Keeping
This course includes instruction on basic business accounting principles that apply to everyday medical practice. Students have the opportunity to work hands on with medical office financial records control to become familiar with cash control, office record keeping, and payroll accounting. The course also offers students the application of the concepts and procedures of medical billing using a practice set or computer program.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 40 – 45, Lab Hours: 24 – 27
Prerequisites: HTCH 042
Co-Requisites: None
Advisory: None
Transferable to CSU only

HTCH 044: Electronic Medical Records
This course covers instruction on Electronic Medical Records (EMR). Students have the opportunity to develop progress notes, templates, flow sheets, smart forms and order sets in an EMR environment.

Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: HTCH 005
Co-Requisites: None
Advisory: HTCH 041
Transferable to CSU only

HTCH 054A: Internship for Health Care Technologies
This internship course provides students with the opportunity to acquire practical experience, under supervision, in a physician's office or clinic with critique.

Pass/No Pass
Units: 2
Lecture Hours: 0, Lab Hours: 0
Prerequisites: HTCH 006, HTCH 055, HTCH 057, HTCH 058, HTCH 063, HTCH 064 or HTCH 006, HTCH 055, HTCH 057, HTCH 064 or HTCH 006, HTCH 041, HTCH 042, HTCH 043, HTCH 044 or HTCH 006, HTCH 041, HTCH 042, HTCH 043 or HTCH 002, HTCH 005, HTCH 041
Co-Requisites: None
Advisory: None
Additional Requisite Information:
Prerequisites: Medical Assistant Certificate/AS; Clinical Assistant Certificate: HTCH 006 & HTCH 055 & HTCH 057 & HTCH 058 & HTCH 063 & HTCH 064
Orthopedic Technician Certificate: HTCH 006 & HTCH 055 & HTCH 057 & HTCH 064
Medical Administrative Assistant Certificate: HTCH 006 & HTCH 041 & HTCH 042 & HTCH 043 & HTCH 044
Insurance Billing Specialist: HTCH 006 & HTCH 041 & HTCH 042 & HTCH 043
Medical Office Receptionist: HTCH 002 & HTCH 005 & HTCH 041

Not transferable

HTCH 055: Vital Signs and Assisting with Medical Examinations
This course covers the duties and responsibilities of the clinical area of a medical office. Students have the opportunity to gain skills and knowledge in the following areas: equipment and supplies control; medical asepsis; how to assist with physical examinations (positioning, height, weight, and vision screening); vital signs determination (temperature, pulse, respiration and blood pressure); and pharmacology.

Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: HTCH 005
Not transferable

HTCH 057: Sterile Techniques
This course provides students with the opportunity to learn the theory and practice of sterilization and sterile technique. Students also have the opportunity to learn about assisting with examinations, procedures, and minor office surgeries. Relevant instruction in basic nutrition and diet therapy are taught.

Letter Grade
Units: 2.5
Lecture Hours: 32 – 36, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: HTCH 005
Not transferable

HTCH 058: Laboratory Techniques
This course is designed to develop the students' knowledge and understanding of basic laboratory tests that may be done in a Medical Office or sent to a reference laboratory. Other topics include specimen collection, analytical techniques, and interpretation of normal and abnormal test results.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
HTCH 063: Medication Administration
This course covers the theory and practice of administering parenteral medications including site selection, safety factors, and techniques, as well as medication dosage calculations (medication math).
Letter Grade, Pass/No Pass
Units: 1.5
Lecture Hours: 16 – 18, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: HTCH 005
Transferable to CSU only

HTCH 064: ECG and Orthopedic Technology
This course covers the didactic and practical skills necessary to perform 12-lead electrocardiograms (ECGs) and provide care for orthopedic patients in acute and clinical settings. In addition, this course introduces medical office first aid procedures and basic physical therapy modalities.
Letter Grade, Pass/No Pass
Units: 2.5
Lecture Hours: 24 – 27, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

HEALTH SCIENCE

HSCI 003: CPR / AED - Basic Life Support for Providers and Professionals
This course is designed for individuals with a professional duty to respond to emergencies, including healthcare professionals and other personnel in a wide variety of in-facility and prehospital settings. The course focuses on the cardiac chain of survival, and how to recognize and respond to cardiac and respiratory emergencies for the adult, child, and infant. Additional topics include the principles and application of one and two person CPR and the Automated External Defibrillator, the Bag-Value-Mask, victim and rescuer safety, the prevention of disease transmission, and team dynamics. Successful completion leads to certification in "BLS - Basic Life Support for Providers" of the American Heart Association.
Pass/No Pass
Units: 0.5
Lecture Hours: 8 – 9, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

HSCI 004: First Aid and CPR/AED
This standard First Aid and CPR/AED course prepares individuals to respond to life-threatening emergencies, injuries, and sudden illness. This course covers CPR for adults, children, and infants, the use of AEDs (automated external defibrillators), and basic first aid. Scenarios are provided to facilitate discussion, analysis, and application of appropriate care in first aid emergencies.
Letter Grade
Units: 0.5
Lecture Hours: 8 – 9, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

HSCI 005: Responding to Emergencies: Comprehensive First Aid/CPR/AED
This course covers the principles and applications of comprehensive First Aid and safety to correctly respond during an emergency. Comprehensive First Aid instruction includes techniques to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until advanced medical help arrives. In addition, this course includes instruction in advanced Cardiopulmonary Resuscitation (CPR) for the adult, child, and infant, along with the use of the Automated External Defibrillation (AED). Successful completion leads to the American Red Cross certification in "Responding to Emergencies: Comprehensive First Aid / CPR / AED."
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

HSCI 008: Contemporary Health
This course examines concepts of health from multiple perspectives and considers the biological, psychological, and sociological aspects of health in our contemporary world. Topics include, but are not limited to stress, nutrition, weight management, alcohol, tobacco, drugs, sexual health, exercise, psychological health, chronic disease, minority health, aging and dying. We also consider current world and public health events, cultural differences, and other significant contributions to the study of health.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: D. Social Sciences: D1 - Social and Behavioral SciencesE. Lifelong Understanding and Development
CSU GE: Area D - Social SciencesArea E - Lifelong Learning and Self Development
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: PHS 100 - Personal Health and Wellness

HSCI 010: Human Sexuality
This course surveys Human Sexuality using a multifaceted approach that includes the biological, psychological, historical, and sociological perspectives. Topics may include sexual attitude and values, the physiology of human sexual response, structure and function of sexual structures, sexual dysfunction, sexual orientation, gender identity and roles, relationships, sexual variation, reproduction, contraception, and sexual decision-making. Legal issues are addressed as well as the major contributors of sexual research.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: D. Social Sciences: D1 - Social and Behavioral SciencesE. Lifelong Understanding and Development
CSU GE: Area D - Social SciencesArea E - Lifelong Learning and Self Development
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: PSY 130 - Introduction to Human Sexuality
HSCI 012: Understanding Stress - A Multidisciplinary Perspective
This course examines stress from multiple perspectives and considers the biological, psychological, and sociological aspects. A theoretical framework is developed to examine theories and strategies that address the cognitive, physiological, and behavioral components of stress across the lifespan in our contemporary world. Emphasis on the development of strategies to enhance academic, personal, and social development. Diversity and stress are examined, as well as the relation of the stress process to health, disease, lifestyle, and the sociocultural environment.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: HSCI 101 - Introduction to Public Health

HIST 004A: Western Civilization I: Prehistory to 1500 CE
History 004A is a survey of the political, social, economic and cultural development of western civilization from 1500 to the present. The course starts with the Reformation, English Revolution, the Scientific Revolution/Enlightenment and the French Revolution. The course continues with the rise of nationalism, socialism, and imperialism in the 19th century, while World Wars I and II, the Russian Revolution, fascism/Nazism, the Cold War, and the contemporary age are features for the 20th and 21st centuries.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
CSU GE: Area E - Lifelong Learning and Self Development
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities Area 4 - Social and Behavioral Science
C-ID: HIST 180 - Western Civilization I

HIST 004B: Western Civilization II: 1500 CE to Present
History 004B is a survey of the political, social, economic and cultural development of western civilization from 1500 to the present. The course starts with the Reformation, English Revolution, the Scientific Revolution/Enlightenment and the French Revolution. The course continues with the rise of nationalism, socialism, and imperialism in the 19th century, while World Wars I and II, the Russian Revolution, fascism/Nazism, the Cold War, and the contemporary age are features for the 20th and 21st centuries.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities Area 4 - Social and Behavioral Science
C-ID: HIST 150 - World History to 1500

HIST 005A: World History: Prehistory to 1500
This course provides a comparative, interactive investigation and analysis of World History as related to the development of the modern world. Five geographic regions surveyed include: Asia/Pacific Islands, Africa, Europe, North America and South America. Students are introduced to the major historical trends and developments in World History from Prehistory to 1500. The methods of historical analysis and interpretation are addressed through survey of cultural, economic, political, social and technological similarities and differences between civilizations. The course examines issues relevant to understanding race, culture, class, ethnicity, gender, religion, disabilities and sexualities in human societies through World History.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities Area 4 - Social and Behavioral Science
C-ID: HIST 170 - Western Civilization I

HIST 005B: World History from 1500
This course provides a comparative and interactive investigation of World History as related to the development of the modern world. Five geographic areas surveyed include: Africa, Asia/Pacific Islands, Europe, North and South America. Students are introduced to the major historical events and trends in world history from 1500. Historical analysis and interpretations are surveyed through comparative examination of the economic, cultural, political, social and technological commonalities and differences between human societies. The course examines the implications of race, gender, class, ethnicity, religion, disability, and sexualities in human societies over time.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities Area 4 - Social and Behavioral Science
C-ID: HIST 160 - World History since 1500
HIST 012: African American History
This course surveys the political, economic, and social developments of African-Americans from the 1619 to the present. Topics include Africans before European contact and slavery in the US, abolitionism, the Civil War, Reconstruction, the rise and resistance to Jim Crow, WWI, WWII, the Civil Rights movement, and the present state of African-Americans.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B-Humanities

HIST 014: History of the Native North Americans
This course is a history of Native Americans who lived in the area that is now the United States from pre-European settlement to the present day. It includes the primary political, economic and social factors of American historical development, emphasizing their effects on Native Americans. In conjunction with this historical perspective, the course stresses the ecological lifestyle of Native Americans.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

HIST 016: Mexican-American History
This course introduces students to the history of the United States and the Mexican-American experience from the Colonial Period to the present. The course emphasizes the role and life experiences of Mexican-Americans in the historical evolution of the political, economic and socio-cultural institutions of the United States.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

HIST 017A: United States History
This course is a survey of the political, economic, and social and cultural development of the United States from the pre-Colonial period through the Civil War. Topics covered include indigenous and European influence on the development of the colonies, the causes and consequences of the War of Independence, the ideological origins of republicanism and principles of the United States Constitution, early industrialization, westward expansion, foreign policy, sectional conflict, slavery and its impact on race relations, abolition and other reform movements, and the Civil War.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D2 - American History and Institutions
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

HIST 017B: United States History
This course is a survey of the political, economic, and social and cultural development of the United States from Reconstruction to the present. Topics covered include Reconstruction, Native American culture and western settlement, Industrialization, the Progressive Era, World War I, the Twenties, the New Deal, and World War II. Also covered are domestic, social, and foreign policy issues of the post-World War II period from the 1950s through the 1990s, including reform movements, Vietnam, the Civil Rights and other ethnic movements, the Feminist Movement, popular culture, and post-Cold War foreign policy.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D2 - American History and Institutions
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

C-ID: HIST 130 - United States History to 1877

HIST 017C: United States History
This course is a survey of the political, economic, and social and cultural development of the United States from Reconstruction to the present. Topics covered include Reconstruction, Native American culture and western settlement, Industrialization, the Progressive Era, World War I, the Twenties, the New Deal, and World War II. Also covered are domestic, social, and foreign policy issues of the post-World War II period from the 1950s through the 1990s, including reform movements, Vietnam, the Civil Rights and other ethnic movements, the Feminist Movement, popular culture, and post-Cold War foreign policy.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D2 - American History and Institutions
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

C-ID: HIST 140 - United States History from 1865
HIST 017BH: Honors United States History
Honors United States History uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. History 017BH is a survey of the political, economic, and social and cultural development of the United States from Reconstruction to the present. Topics covered include Reconstruction, Native American culture and western settlement, Industrialization, the Progressive Era, World War I, the Twenties, the New Deal, and World War II. Also covered are domestic, social, and foreign policy issues of the post-World War II period from the 1950s through the 1990s, including reform movements, Vietnam, the Civil Rights and other ethnic movements, the Feminist Movement, popular culture, and post-Cold War foreign policy.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D2 - American History and Institutions
CSU GE: Area C - Arts and Humanities: C2- HumanitiesArea D - Social SciencesUS-1: Historical development of American institutions and ideals
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- HumanitiesArea 4 - Social and Behavioral Science
C-ID: HIST 140 - United States History from 1865

HIST 020: History and Geography of California
This course examines historical qualities that make California geographically and historically unique, including race and ethnicity, class and gender conflict, state and local politics, and economics from the pre-Spanish missionization period up to the present day.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. HumanitiesD. Social Sciences: D2 - American History and Institutions
CSU GE: Area C - Arts and Humanities: C2- HumanitiesArea D - Social SciencesUS-3: California state and local government
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- HumanitiesArea 4 - Social and Behavioral Science

HONORS UNIVERSITY TRANSFER PROGRAM

ANTH 003H: Honors Introduction to Cultural Anthropology
Honors Introduction to Cultural Anthropology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and exploring the field through reading primary source research. This course is a study of culture and social behavior through the anthropological study of contemporary peoples. This course is a comparative survey of the range of cultures of the world with emphasis upon social organization, economics, religion, kinship systems, cultural patterns, values, ethics, and ecology.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral SciencesF. Cultural Diversity
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: ANTH 120 - Introduction to Cultural Anthropology

ARTS 001AH: Honors Survey of Western Art I
Honors Survey of Western Art I uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and exploring pre-historic to Gothic art through primary and secondary source research. This course is a general survey of painting, sculpture, and architecture in the western world from prehistoric times through the Gothic period, using art as a reflection of human interaction with events of the time, emphasizing aesthetic, cultural, and historical values.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 110 - Survey of Western Art from Prehistory through the Middle Ages

ARTS 001BH: Honors Survey of Western Art II
Honors Survey of Art II uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing, exploring the work through primary source research. Additionally, there is an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally not suitable for larger undergraduate classes. This course examines visual culture as it develops from the Early Renaissance in Italy and Northern Europe through Modern Art. Emphasis is given to the social, political, historical, and economic forces that give meaning and context to the art. The art is also examined through the lens of critical theory.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 120 - Survey of Western Art from Renaissance to Contemporary
ARTS 001DH: Honors Art of the 20th Century
Honors Art of the 20th Century uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As this is an Honors class, there is a focus on analytical writing, exploring the field through primary research and an emphasis on a high degree of student leadership and participation in class discussions and other interactive teaching/learning techniques that are generally not found in larger undergraduate classes. This course examines visual culture—painting, sculpture, architecture, installation, site-specific, performance and digital art—in the West from the Impressionists to the present day, emphasizing the changing attitudes toward form and content. Visual culture is analyzed through the lens of modern and postmodern critical theory.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: ARTH 150 - Survey of Modern Art

ASTR 020H: Honors Family of the Sun
Honors Astronomy uses the pedagogical methods common to all Honors courses: interdisciplinary, writing intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specific trans-disciplinary unit. Topics include study of the night sky and the motions of the objects in the heavens as seen from Earth, examination of the structure and behavior of the Solar System and its contents, planetary geology, planetary atmospheres, the search for other solar systems and the possibility of the existence of extraterrestrial life. Laboratory work includes observation and application of concepts discussed in lectures, computer simulations, planetarium simulations, and field work.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical Sciences
Area 5 - Physical and Biological Sciences: 5C – Laboratory

ASTR 021H: Honors Lifestyles of the Stars
Honors Astronomy uses the pedagogical methods common to all Honors courses: interdisciplinary, writing intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified trans-disciplinary unit. Topics include study of the night sky and the motions of the objects in the heavens as seen from Earth, study of the birth, life and death of stars including Einstein's theory of relativity as applied to black holes. Laboratory work includes observation and application of concepts discussed in lectures, computer simulations, planetarium simulations, and field work.
Letter Grade, Pass/No Pass
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical Sciences
Area 5 - Physical and Biological Sciences: 5C – Laboratory

BUSN 028H: Honors Business Law
Honors Business Law uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. The course requires a higher level of critical legal analysis beyond the non-honors section. This course is an introduction to the law and its relevance to business in general. The course introduces the meaning and sources of law in business, the organization of courts and court procedures, and the fundamental principles of the law in various aspects of business, with a particular focus on contract law. A fundamental understanding of common law principles is examined by analyzing selected cases, court decisions, and business transactions. Topics covered include sources of law and ethics, constitutional law, the court system, contracts, torts, agency, labor and employment, real property, product liability, criminal law, business organizations, and judicial and administrative processes.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: BUS 125 - Business Law
COMM 001H: Honors Public Speaking

This introductory communication course offers students the tools and confidence necessary to elevate their voices within a democratic society. Students are coached on how to organize, develop, and deliver speeches in an inclusive environment. In this course, students also have the opportunity to discover, develop, and critique diverse ideas in public discourse through research, reasoning, organization, outlining, presenting, and evaluating various types of speeches. Students are invited to explore theories and techniques of ethical and listener-centered public speaking and to learn how to apply that knowledge to their personal and professional lives. Honors Public Speaking uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit.

Letter Grade

Units: 3

Prerequisites: None

Co-Requisites: None

Advisory: ENGL 905 or LRSV 941C

Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking


UC/IGETC GE: Area 1 - English Communication: 1C - Oral Communication (CSU requirement only)

C-ID: COMM 110 - Public Speaking

COMM 010H: Honors Introduction to Persuasion

This introductory course provides students with theories and skills necessary to create ethical, logical, and impactful persuasive messages that advocate for positive change. Students are invited to examine historical and contemporary approaches to persuasive messages throughout time and in everyday communication, including how to analyze, critique, and promote ideas. Students are encouraged to understand inductive and deductive reasoning processes to reach well-supported conclusions rooted in logic. Students are coached on how to understand and recognize formal and informal fallacies of language and thought, developing the ability to distinguish matters of factual evidence from judgment or opinion. This course also focuses on how to confidently and ethically present persuasive appeals, including how to construct and deliver persuasive messages. Honors Introduction to Persuasion uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit.

Letter Grade

Units: 3

Prerequisites: None

Co-Requisites: None

Advisory: COMM 001H

Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking


UC/IGETC GE: Area 1 - English Communication: 1C - Oral Communication (CSU requirement only)

C-ID: COMM 190 - Introduction to Persuasion

DANC 061H: Honors Dance in America: A Cultural Perspective

Honors Dance in America: A Cultural Perspective uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course examines dance as a cultural expression in the USA, and explores and analyzes the influence of indigenous and world dance forms including their social, political, economic, and religious significance. The course also considers the creative process and expression of the contemporary choreographer.

Letter Grade, Pass/No Pass

Units: 3

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: C. HumanitiesF: Cultural Diversity

CSU GE: Area C - Arts and Humanities: C1- Arts

UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

ECON 001AH: Honors Principles of Macroeconomics

Honors Principles of Macroeconomics uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. The course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course is an introduction to aggregate economic analysis of market systems; aggregate measures of the economy; macroeconomic equilibrium; money; the banking system and role of central banks; monetary and fiscal policy; international trade and exchange rates; and macroeconomic growth.

Letter Grade

Units: 4

Prerequisites: MATH 903 or MATH 903R or LRSV 945

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences

CSU GE: Area D - Social Sciences

UC/IGETC GE: Area 4 - Social and Behavioral Science

C-ID: ECON 202 - Principles of Macroeconomics

ECON 001BH: Honors Principles of Microeconomics

Honors Principles of Microeconomics uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course provides an introduction to microeconomic analysis which focuses on individual economic decision-makers and markets. Topics include scarcity and allocation of resources, distribution of income and wealth, market equilibrium, price ceilings/floors, elasticity, consumer theory, cost/production analysis, market structures, factor markets, market failure, international trade and finance, and the role of public policy in the economy.

Letter Grade

Units: 4

Prerequisites: MATH 903 or MATH 903R or LRSV 945

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences

CSU GE: Area D - Social Sciences

UC/IGETC GE: Area 4 - Social and Behavioral Science

C-ID: ECON 201 - Principles of Microeconomics

WVC GE: E. Ethics and Social Responsibility: E1 - Ethics and Social Responsibility

CSU GE: Area E - Social and Behavioral Sciences

UC/IGETC GE: Area 4 - Social and Behavioral Science

C-ID: ECON 201 - Principles of Microeconomics
ENGL 006AH: Honors World Literature
Honors World Literature uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course surveys literature from around the world produced from the beginnings of oral history up to the year 1650. This course emphasizes literature outside the Anglo-American tradition. Students analyze and compare texts representing various genres from different cultural regions, including Africa, Asia, Europe, the Middle East, Latin America, and the Pacific Islands. Through this cross-cultural study of literature, students have the opportunity to engage in thinking critically about cultural diversity and related issues such as global migrations, international power dynamics, and transnational patterns of inequality in a world context.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2-Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B-Humanities
C-ID: ENGL 140 (ENGL-LIT 180) - Survey of World Literature 1

ENGL 006BH: Honors World Literature 2
Honors World Literature uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course emphasizes literature outside the Anglo-American tradition. Students have the opportunity to analyze and compare texts representing various genres from different cultural regions, including Africa, Asia, Europe, the Middle East, Latin America, Australia, and the Pacific Islands. Through this cross-cultural study of literature, students have the opportunity to engage in thinking critically about cultural diversity and related issues such as global migrations, international power dynamics, and transnational patterns of inequality in a world context.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2-Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B-Humanities
C-ID: ENGL 145 (ENGL-LIT 185) - Survey of World Literature 2

ENGL 012H: Honors African American Literature
Honors African American Literature uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there will be a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines African American Literature from the 1700s to the present. Emphasis is given to the development of a body of literature that attests to the mastery and enhancement by Black writers of the prevailing literary forms in each era in America's cultural, social, and political history. Students in the course have the opportunity to examine how literature reflects the experiences of Africans adapting to life in new world America, their struggle against and resistance to institutional racism, their efforts to create racial and social justice, solidarity, and liberation while carving out a new identity and developing new literary styles and conventions. The literature is examined through lenses of conventional critical theory and elements of literature.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2-Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B-Humanities
C-ID: ENGL 140 (ENGL-LIT 180) - Survey of World Literature 1
ENGL 013H: Honors U.S. Latino Literature
Honors U.S. Latino Literature uses the pedagogical methods common to all Honors courses: trans-disciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines and contextualizes representative literary texts written in (or translated to) English by authors who, since the sixteenth century, through the emergence of the Latinx Literature movement in the twentieth century and up to now, have self-identified as Hispanic/Latinx and have addressed the varied traditions, conflicts, and transformations experienced by Latinx peoples in the United States.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities F. Cultural Diversity
CSU GE: Area C - Arts and Humanities: C2 - Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities

ENGL 018H: Honors Asian American Literature
Honors Asian American Literature uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there will be focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course provides a cross-cultural comparative study of the literary fiction and non-fiction works of Asian American authors. Students in the course have the opportunity to examine how literature reflects the experiences of Asian Americans adapting to life in America, their struggles with assimilation, their efforts to create racial and social justice while carving out a new identity and literary style. Through discussion and analysis of the course texts, the course examines the history, culture, customs, and traditions of at least four of the following Asian American communities: Chinese, Japanese, Korean, Filipino, Vietnamese, Indian, and other southeast Asian and Pacific Island nations.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities F. Cultural Diversity
CSU GE: Area C - Arts and Humanities: C2 - Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities

ENGL 041H: Honors Literature and Film
Honors Literature and Film uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines cultural, artistic, historical, critical and theoretical aspects of selected works of literature and film. Students have the opportunity to engage a wide range of film and literature—often including adaptations of one into the other—as they learn to analyze and evaluate the techniques used by artists in both media.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2 - Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities

ENGL 043H: Honors Classical Mythology
Honors Classical Mythology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. Using translations of epic, poetic, and dramatic texts of classical writers and philosophers, this course examines the meaning and function of myth in the literature of Ancient Greece and Rome as well as its recurrence and significance in modern works.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2 - Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities

ENGL 046H: Honors Contemporary American Multi-Cultural Literature
Honors Contemporary American Multi-Cultural Literature uses the pedagogical methods common to all Honors courses: trans-disciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate courses. This course examines contemporary American literature by writers from at least three of the following groups: African American/Black, American Indian, Asian American/Pacific Islander, US Latino, European American, and Middle Eastern-American. Course material opens opportunities to examine issues such as race, class, gender, and sexuality.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities F. Cultural Diversity
CSU GE: Area C - Arts and Humanities: C2 - Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities
ENGL 047H: Honors Introduction to Poetry
Honors Introduction to Poetry uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines poetry from a variety of angles, including terminology, form, performance, and composition. In addition to studying poets and movements, students also perform poetry, create poems, and write analytical essays that require research and high-level critical thinking.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 048H: Honors Introduction to Shakespeare
Honors Introduction of Shakespeare uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. In this course students read, view, and critically analyze a selection of Shakespeare's major plays and poetry. The course provides overviews of the historical and political events of Shakespeare's age, the religious and philosophical ideas of the Early Modern period, and modern critical approaches to Shakespeare's works. In addition, the course gives students opportunities to evaluate productions of Shakespeare's plays.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ENGL 049H: Honors Modern Fiction
Honors Modern Fiction uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course focuses on reading and analyzing fiction from the Modern Period (1895-1945). It also covers pre-modern literary movements and Postmodern texts. It fulfills general education requirement for literature.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ETHN 012H: Honors African American Literature
Honors African American Literature uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there will be focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines African American Literature from the 1700s to the present. Emphasis is given to the development of a body of literature that attests to the mastery and enhancement by Black writers of the prevailing literary forms in each era in America's cultural, social, and political history. Students in the course have the opportunity to examine how literature reflects the experiences of Africans adapting to life in new world America, their struggle against and resistance to institutional racism, their efforts to create racial and social justice, solidarity, and liberation while carving out a new identity and developing new literary styles and conventions. The literature is examined through lenses of conventional critical theory and elements of literature.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

ETHN 013H: Honors U.S. Latino Literature
Honors U.S. Latino Literature uses the pedagogical methods common to all Honors courses: trans-disciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines and contextualizes representative literary texts written in (or translated to) English by authors who, since the sixteenth century, through the emergence of the Latinx literature movement in the twentieth century and up to now, have self-identified as Hispanic/Latinx and have addressed the very traditions, conflicts, and transformations experienced by Latinx peoples in the United States.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
HIST 017BH: Honors United States History
Honors United States History uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. History 017BH is a survey of the political, economic, and social and cultural development of the United States from Reconstruction to the present. Topics covered include Reconstruction, Native American culture and western settlement, Industrialization, the Progressive Era, World War I, the Twenties, the New Deal, and World War II. Also covered are domestic, social, and foreign policy issues of the post-World War II period from the 1950s through the 1990s, including reform movements, Vietnam, the Civil Rights and other ethnic movements, the Feminist Movement, popular culture, and post-Cold War foreign policy.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: Area C - Arts and Humanities: C2 - Humanities
CSU GE: Area C - Arts and Humanities: C2 - Humanities

UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities

C-ID: HIST 140 - United States History from 1865

MATH 003AH: Honors Calculus and Analytical Geometry
Honors Calculus and Analytic Geometry uses the pedagogical methods common to all honors courses; interdisciplinary, writing-intensive, collaborative, and experiential instruction. This is the first course in differential and integral calculus of a single variable: topics include functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. It is designed primarily for Science, Technology, Engineering & Math Majors. Honors work emphasizes a deeper study of integral calculus via the study of proofs using analytic techniques, real-world problems, and special applied projects.

Letter Grade

Units: 5

Lecture Hours: 80 – 90, Lab Hours: 0

Prerequisites: MATH 001, MATH 000D or MATH 002

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: Area C - Arts and Humanities: C2 - Humanities
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning

UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning

C-ID: MATH 110 - Introduction to Statistics

MATH 003BH: Honors Calculus and Analytical Geometry
Honors Calculus and Analytic Geometry uses the pedagogical methods common to all honors courses; interdisciplinary, writing-intensive, collaborative, and experiential instruction. This is a second course in differential and integral calculus of a single variable: topics include integration, techniques of integration, infinite sequences and series, polar and parametric equations, and applications of integration. This course is primarily for science, technology, engineering & math majors. Honors work emphasizes a deeper study of integral calculus via the study of proofs using analytic techniques, real-world problems, and special applied projects.

Letter Grade

Units: 5

Lecture Hours: 80 – 90, Lab Hours: 0

Prerequisites: MATH 003A or MATH 003AH

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: Area C - Arts and Humanities: C2 - Humanities
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning

UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning

MATH 010H: Honors Elementary Statistics
Honors Elementary Statistics uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. This course covers the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications discussed use data from disciplines including business, social sciences, psychology, life science, health science, and education.

Letter Grade

Units: 4

Lecture Hours: 64 – 72, Lab Hours: 0

Prerequisites: MATH 106 or MATH 106R or MATH 105

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: Area C - Arts and Humanities: C2 - Humanities
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning

UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning

MUSC 001H: Honors Music History: Medieval, Renaissance and Baroque
This course is a survey of music history and literature from antiquity to 1750, including cultural, intellectual and social influences, and provides an in-depth examination of the development of Western European music through analysis and synthesizing of historical details and stylistic elements of the musical trends of the era. Honors Music History uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and exploring the field through reading primary source research.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to CSU only

WVC GE: Area C - Arts and Humanities: C1 - Arts
CSU GE: Area C - Arts and Humanities: C1 - Arts

C-ID: MUS 105 - Music History I, Antiquity to 1750
**MUSC 002H: Honors Music History: Classical, Romantic and Contemporary**

This course is a survey of music history and literature from 1750 to the present, including cultural, intellectual and social influences. This course provides an in-depth examination of the development of Western European music through analysis and synthesis of historical details and stylistic elements of the musical trends of the era. Honors Music History uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and exploring the field through reading primary source research.

Letter Grade

**Units:** 3

**Lecture Hours:** 48 – 54, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** C. Humanities

**CSU GE:** Area C - Arts and Humanities: C1 - Arts

**POLI 001H: Honors American Government**

Honors American Government uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course covers the structure and functions of the American national government including consideration of state and local governments. Emphasis is placed on the development of democratic institutions through historical and contemporary studies. With an emphasis on research and analysis, students have the opportunity to apply critical thinking skills and concepts to develop their knowledge of American government.

Letter Grade

**Units:** 3

**Lecture Hours:** 48 – 54, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** D. Social Sciences: D2 - American History and Institutions

**CSU GE:** Area D - Social Sciences

**US-2:** United States Constitution and government

**US-3:** California state and local government

**UC/IGETC GE:** Area 4 - Social and Behavioral Science

**C-ID:** PSY 110 - Introductory Psychology

**PSYC 001H: Honors General Psychology**

Honors General Psychology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there will be an added focus on analytical writing regarding various subsections of the field through reading primary source research. This course introduces students to general psychology as a behavioral science with an emphasis on the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories, concepts, methods, and research findings in psychology, including the biological bases of behavior, perception, cognition, consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders as well as therapeutic approaches and applied psychology.

Letter Grade

**Units:** 3

**Lecture Hours:** 48 – 54, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** D. Social Sciences: D1 - Social and Behavioral Sciences

**CSU GE:** Area D - Social Sciences

**UC/IGETC GE:** Area 4 - Social and Behavioral Science

**C-ID:** PSY 205 B - Introduction to Research Methods in Psychology (With Lab)

**PSYC 002H: Honors Experimental Psychophysiology**

Honors Experimental Psychophysiology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology are examined through a review of research from a variety of the sub-disciplines in psychology. In the laboratory students have the opportunity to conduct experimental and non-experimental research in a variety of areas. Data collected from research conducted during laboratory sessions are analyzed with statistical software. In addition, a computerized psychophysiology laboratory is used to introduce students to experiments in which one variable is physiological and the primary focus and theoretical context is behavioral.

Letter Grade

**Units:** 4

**Lecture Hours:** 48 – 54, **Lab Hours:** 48 – 54

**Prerequisites:** PSYC 001, MATH 010 or PSYC 001, MATH 010H

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** B. Natural Sciences

**CSU GE:** Area B - Scientific Inquiry and Quantitative Reasoning: B2 - Life Sciences

**Area B - Scientific Inquiry and Quantitative Reasoning: B3 - Laboratory Activity:** Lab course used from B1 or B2

**UC/IGETC GE:** Area 5 - Physical and Biological Sciences: 5B - Biological Sciences

**Area 5 - Physical and Biological Sciences: 5C - Laboratory Activity:** Lab course used from B1 or B2

**C-ID:** PSY 205 B - Introduction to Research Methods in Psychology (With Lab)
**SOCI 002H: Honors Social Problems**

As an honors course, the course focuses on critically analyzing sociological literature and research specific sociological topics, identifies and analyzes contemporary social problems, with emphases on the U.S., cross-cultural comparisons, and globally. The course focuses on the role of power and ideology in the definition of social problems, identifying the causes of various social problems and consequences, and evaluating proposed solutions. The course provides a comprehensive overview in current events, policy debates, and emerging social trends. This honors course emphasizes on analytical writing and exploring the field through reading primary sociological research.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences

F. Cultural Diversity

CSU GE: Area D - Social Sciences

UC/IGETC GE: Area 4 - Social and Behavioral Science

C-ID: SOCI 115 - Social Problems

**THEA 010H: Honors Introduction to Theater**

Honors Introduction to Theater uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and exploring the field through reading primary source research. This course is an introduction to the world of theater. This introduction includes dramatic literature, technical theater, theater history, production techniques and the critical evaluation of productions.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: C. Humanities

CSU GE: Area C - Arts and Humanities; C1 - Arts

UC/IGETC GE: Area 3 - Arts and Humanities: 3A - Arts

C-ID: THTR 111 - Introduction to Theatre

**WGQS 001H: Honors Introduction to Women’s Studies**

This course introduces students to the study of women and gender, from an intersectional perspective. The course provides an overview of the “waves” of women’s rights movements in U.S. history and debates about women’s roles in society. With this grounding in a variety of feminist discourses, students have the opportunity to explore contemporary women’s rights issues in both local and global contexts. Topics include: the social construction of gender, race, class, sexualities, and disabilities in different cultures; women’s sexualities and gender identities; health and reproductive issues; family structures; violence against women; the economics of women’s labor, paid and unpaid; education, political activism and social justice. All genders are equally welcome in this course. Honors Introduction to Women’s Studies uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, students will be expected to conduct independent research and analysis, apply critical thinking skills, and develop their knowledge of women’s and gender rights and struggles with a global perspective.

Letter Grade

Units: 4

Lecture Hours: 64 – 72, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to CSU only

WVC GE: C. Humanities

D. Social Sciences: D1 - Social and Behavioral Sciences

F. Cultural Diversity

CSU GE: Area D - Social Sciences

**HUMANITIES**

**HUMN 001A: Human Values in and from the Arts - the Ancient World to the Early Renaissance**

This course is designed to show integration of the visual, literary, and musical arts within a historical context from the ancient world to the Early Renaissance. This course is an interdisciplinary approach to cultural epochs through the use of thematic materials, ideas, and values. This course is designed to illustrate the integration of visual, literary, and musical arts and cultural values from Western and Asian perspectives.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: C. Humanities

CSU GE: Area C - Arts and Humanities: C2 - Humanities

UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities

**HUMN 001B: Human Values in and from the Arts - the Renaissance to the Modern Age**

This course is designed to show integration of the visual, literary and musical arts within a historical context from the Renaissance to the Modern Age. This course is an interdisciplinary approach to cultural epochs through the use of thematic materials, ideas, and values. This course is designed to illustrate the integration of visual, literary, and musical arts and cultural values from Western and Asian perspectives.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: C. Humanities

CSU GE: Area C - Arts and Humanities: C2 - Humanities

UC/IGETC GE: Area 3 - Arts and Humanities: 3B - Humanities

**INDUSTRIAL DESIGN**

**IDES 010: Intro to Design for Advanced Manufacturing I**

Through a combination of lectures and hands-on exercises, students have the opportunity to strengthen their skills in the use of tools typical of the advanced manufacturing process. This is an introductory course in the basic operations of 3D printers, CNC routers and laser cutters. Students have additional opportunities to complete design projects that use innovation to problem solve the creative content for both built and virtual environments.

Letter Grade

Units: 3

Lecture Hours: 16 – 18, Lab Hours: 96 – 108

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to CSU only
IDES 020: Introduction to Design for Advanced Manufacturing II
Through a combination of lectures and hands-on exercises, students have the opportunity to strengthen their skills in the use of tools typical of the advanced manufacturing process. This is an introductory course in the advanced operations of 3D printers, CNC routers and laser cutters. Students have additional opportunities to use multiple digital processes, such as the combination of a laser cutter with a CNC router to create a hybrid work.
Letter Grade
Units: 3
Lecture Hours: 16 – 18, Lab Hours: 96 – 108
Prerequisites: None
Co-Requisites: None
Advisory: IDES 010
Transferable to CSU only

INTD 005: Introduction to Interior Design
This survey course introduces the Interior Design profession, its history, and related specialties and disciplines. Topics are related to the multi-faceted aspects of this discipline, including the many career paths and opportunities.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 010: Elements and Principles of Interior Design
The course is intended to provide students with the knowledge of conceptual design elements which are applied to designing interior spaces in subsequent interior design courses.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 020: Color Theory and Application
This course is an introduction to design fundamentals and basic principles of color related to interior design. Laboratory experiences include two and three dimensional color projects in different media.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 022: Finish Materials, Estimating and Costing
This course addresses the study and application of interior design materials and finishes with related topics including content, characteristics, production, standards, and codes. The course also covers the processes and techniques of specifying, estimating, and costing materials related to finishes and furnishings used in interior spaces.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 028: Interior Construction and Building Systems
This course is an overview of systems used in the construction of interior environments. The content includes such building systems as floors, ceilings, and doors as well as systems developed for providing safety and comfort (plumbing, HVAC, lighting, and acoustics). Students have the opportunity to practice research techniques regarding the subject matter.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 029: Green and Sustainable Design
This course introduces students to the history, philosophy, and principles of environmentally responsible design. Through the study of local, national, and international research of green and sustainable design, the implications of design decisions on the environment and living beings are explored. Research and evaluation of green and sustainable products, components, processes, and construction are conducted.
Pass/No Pass, Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 029A: Introduction to Sustainable Design
This course is an overview of the concepts and strategies involved in sustainable building. Students have an opportunity to participate in the discussion and study of the history of sustainable design, related organizations, and local and federal agencies; certification opportunities; and the impact of green and sustainable design on interior design practice and the profession.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
INTD 029B: Sustainable Design Materials and Resources
This course provides an in-depth look at: finish materials and specifications; waste management including reuse, recycling, and renovation; historical preservation techniques; local product selection; and job site management related to green and sustainable design.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: INTD 029 or INTD 029A
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 029C: Sustainable Design for Residential Projects
This course provides an in depth look at all aspects of sustainable residential design, including: remodeling, kitchen and bath, furnishings, window treatments, finish materials, and lighting. Course instruction covers holistic systemic sustainable categories such as: site, water and energy efficiency, materials and resources, waste management, and interior environmental quality.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: INTD 029 or INTD 029A
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 029D: Sustainable Design for Commercial Projects
This course covers all aspects of sustainable design for commercial buildings and interior spaces, as well as existing building operations and maintenance.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: INTD 029 or INTD 029A
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 032: Graphics Techniques for Interior Design
The course introduces the tools and techniques necessary for drafting, sketching, drawing, and rendering for interior spaces. Plans, elevations, one point and two point perspectives are drawn using detailed methodology. Emphasis is on lettering, measuring techniques, scale problems, use of architectural graphic standards, and techniques for drawing two and three dimensional views of interiors and furnishings. There is a focus on use of appropriate drawing methods and media for phases of the interior design process including conceptualization.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 035C: Design of Historic Interiors
This course examines the process, categories, and qualification criteria for the interior design of historic buildings. Rehabilitation of a building is explored in detail.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: INTD 032, INTD 036, INTD 075 or INTD 015, INTD 030, INTD 035A, INTD 035B, INTD 075 or INTD 032, INTD 035A, INTD 035B, INTD 075 or INTD 015, INTD 030, INTD 036, INTD 075
Co-Requisites: None
Advisory: INTD 010
Transferable to CSU only

INTD 036: History of Interior Design
This course explores the history and principle styles of interiors, furniture, and related decorative arts from antiquity to the present. The course will demonstrate the connection between world history, architecture, and interior design as visual expressions of time and culture.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

INTD 040: Residential Design
This course covers planning and design for interior spaces, with emphasis on the residential environment. Projects include design theory research, design concept development, and implementation in residential spaces. Students produce design documents including scaled drawings and renderings, specifications, and design models.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: INTD 050
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 045: Professional Practice
This course covers business principles and practices in the field of interior design for both residential and commercial interiors. Students are introduced to proper business practices with an emphasis on operating a design business.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: INTD 022, INTD 005, INTD 029 or INTD 005, INTD 029, INTD 025, INTD 055 or INTD 022, INTD 075, INTD 005 or INTD 025, INTD 055, INTD 005, INTD 075
Co-Requisites: None
Advisory: None
Transferable to CSU only
INTD 050: Kitchen & Bath Design
This course covers the process of design for kitchens and bathrooms with emphasis on construction, working drawings, presentation drawings, finish selection and specifications.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: INTD 010, INTD 020, INTD 028, INTD 065, INTD 075, INTD 005, INTD 022, INTD 032 or INTD 010, INTD 020, INTD 028, INTD 065, INTD 075, INTD 005, INTD 025, INTD 055, INTD 015, INTD 030 or INTD 010, INTD 020, INTD 028, INTD 065, INTD 075, INTD 005, INTD 022, INTD 015, INTD 030 or INTD 010, INTD 020, INTD 028, INTD 065, INTD 075, INTD 005, INTD 025, INTD 055, INTD 015, INTD 032
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 060: Commercial Design
This course emphasizes the methods of planning and design for commercial interior spaces, including offices and public buildings. Finishes, furnishings, and interior detailing related to commercial projects are examined. Students have the opportunity to learn about and execute production of design documents and presentation drawings.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: INTD 010, INTD 020, INTD 022, INTD 028, INTD 032, INTD 065 or INTD 010, INTD 020, INTD 025, INTD 028, INTD 015, INTD 030, INTD 065 or INTD 010, INTD 020, INTD 022, INTD 028, INTD 015, INTD 030, INTD 065
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 065: Introduction to Computer-Aided Interior Design
This course is an introduction to two-dimensional and isometric computer-aided drafting and design.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: INTD 032 or INTD 015
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

INTD 066: Advanced Computer Aided Design
This course focuses on the construction of two and three dimensional drawing and solid modeling.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: INTD 065
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

INTD 070: Advanced Graphic Techniques
This course covers advanced rapid sketching and color rendering techniques for interior spaces. One and two-point perspective drawing and sketching techniques using different media and software presentation materials are explored.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: INTD 032 or INTD 030
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 075: Lighting Design
The theory and practice of lighting design is addressed in the study of existing spaces and the development of drawings and specifications for interior spaces.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: INTD 032 or INTD 015
Co-Requisites: None
Advisory: INTD 020
Transferable to CSU only

INTD 085: Design Detailing
This course covers the development of the design detailing process and the production of detail drawings related to interior design projects.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: INTD 028, INTD 022, INTD 032 or INTD 028, INTD 025, INTD 028, INTD 015, INTD 015, INTD 030, INTD 065
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 090A: Interior Design Internship
This course provides students with field experience and the opportunity to work under the direct supervision of an interior designer, or interior design-related professional, while applying knowledge and skills acquired in the core interior design courses. Opportunities and encouragement to research career opportunities are provided. A minimum of 180 unpaid or 225 paid internship hours are required.
Pass/No Pass
Units: 3
Lecture Hours: 0, Lab Hours: 0
Prerequisites: INTD 005, INTD 010, INTD 020, INTD 028, INTD 005, INTD 010, INTD 020, INTD 025, INTD 015
Co-Requisites: None
Advisory: None
Transferable to CSU only
INTD 090B: Interior Design Internship
This course provides students with practical experience working directly under the supervision of an interior designer or interior design-related professional. Students are able to apply knowledge and skills learned in the core interior design courses, including the design studio and professional practice courses related to commercial and residential design, further enhancing the learning process. Opportunities and encouragement to continue to research career possibilities are provided. A minimum of 240 unpaid or 300 paid internship hours are required.
Pass/No Pass
Units: 4
Lecture Hours: 0, Lab Hours: 0
Prerequisites: INTD 040, INTD 045, INTD 050
Co-Requisites: None
Advisory: None
Transferable to CSU only

INTD 090C: Kitchen and Bath Design Internship
This course provides students with field experience and the opportunity to work under the direct supervision of an interior designer or interior design-related professional focusing on kitchen and bath design, while applying knowledge and skills acquired in the core interior design courses. Opportunities and encouragement to research career opportunities are provided. A minimum of 240 unpaid or 300 paid internship hours are required.
Pass/No Pass
Units: 4
Lecture Hours: 0, Lab Hours: 0
Prerequisites: INTD 050
Co-Requisites: None
Advisory: None
Transferable to CSU only

ITALIAN

ITAL 001A: Beginning Italian
This course develops the fundamentals of the Italian language within a communicative and cultural context. This is a proficiency-based course that emphasizes the acquisition and development of communicative skills (comprehension, speaking, reading, and writing) and the understanding of Italian culture.
Letter Grade, Pass/No Pass
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 6A - IGETC Languages (LOTE)

ITAL 001B: Beginning Italian
This course continues the development of basic skills for communication in Italian - listening, speaking, reading, writing - and offers further exploration of the Italian culture begun in Italian 001A. It covers more complex grammar and communicative functions, such as narrating an event in the past, expressing one's opinions using subjunctive, and giving formal and informal commands.
Letter Grade, Pass/No Pass
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: ITAL 001A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 6A - IGETC Languages (LOTE)

ITAL 002A: Intermediate Italian
ITAL 002A is designed as a continuation of ITAL 001B. This course covers culture and facilitates language acquisition through high-level listening, speaking, reading, and writing. Content is expanded beyond “survival” needs of the immediate environment and covers intermediate linguistic functions such as expressing personal opinions, making suggestions on familiar topics, and making plans, as well as on some abstract issues. High frequency structures and high level vocabulary are covered in the course as more complex discourse is presented.
Pass/No Pass, Letter Grade
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: ITAL 001B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
Area 6A - IGETC Languages (LOTE)

ITAL 002B: Intermediate Italian
ITAL 002B is a continuation of ITAL 002A. It covers culture and facilitates language acquisition through listening, speaking, reading, and writing on complex topics. It emphasizes interaction with authentic language in context in complex circumstances. Relying on the language foundations acquired in the previous levels, the course expands vocabulary and analyzes grammar topics in depth. Critical thinking and analysis of linguistic structures and techniques for reflecting on and making cross-cultural comparisons are also emphasized in the course.
Pass/No Pass, Letter Grade
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: ITAL 002A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
Area 6A - IGETC Languages (LOTE)
ITAL 011A: Italian Laboratory
This is a laboratory course designed to give students the opportunity to improve and reinforce their Italian language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one's self, describing daily life activities, and exchanging information about pastimes. It explores Italian culture using language computer programs, and a variety of other technologies, media, Internet resources, and films. This course is recommended for students enrolled in Italian 1A to further enhance 1A course material, but it may be taken independently.
Letter Grade, Pass/No Pass
Units: 0.5
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: ITAL 001A
Transferable to CSU only

ITAL 011B: Italian Laboratory
This is a laboratory course designed as a continuation of Italian 011A. It allows students the opportunity to learn and perform complex language skills, such as: give formal and informal polite commands, make suggestions, formulate hypotheses, and narrate events in the past. Students have the opportunity to implement their knowledge of the Italian culture through study of movies, short stories, poems, and newspaper articles, using a variety of technologies, media, Internet resources, and films. This course is recommended for students enrolled in Italian 1B to further enhance 1B course material, but it may be taken independently.
Letter Grade, Pass/No Pass
Units: 0.5
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: ITAL 001B
Transferable to CSU only

ITAL 050A: Basic Italian Conversation and Culture
Designed for those desiring a less structured, more practical conversational approach, this course emphasizes conversation and vocabulary building. A variety of classroom activities permits the students to use the language while studying it. Cultural topics center on everyday life in Italy, such as food, customs and traditions, and the family.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities

ITAL 050B: Basic Italian Conversation and Culture
This course is a continuation of Italian 050A. Students have the opportunity to increase their vocabulary and knowledge of basic grammatical structures while emphasizing conversation. The culture of Italy is also presented through newspaper and magazine articles and audio-visual materials.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ITAL 050A
Co-Requisites: None
Advisory: ITAL 001A
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities

ITAL 051A: Intermediate Italian Conversation and Culture
This course offers review and continuation of basic grammar studied in Italian 50A-B, with increased conversation and discussion of the customs and culture of Italy.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ITAL 050B
Co-Requisites: None
Advisory: None
Additional Requisite Information:
The prerequisite of ITAL 050B can be satisfied with the permission of the instructor
Transferable to both UC and CSU

ITAL 051B: Intermediate Italian Conversation and Culture
This course is a continuation of Italian 51A. The emphasis is on conversation, higher level vocabulary acquisition and more complex idiomatic expressions. This course also offers a review of basic grammar principles and discussion based on topics chosen from current newspaper and magazine articles. Topics include: art environment, work environment, health, theater and literature.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ITAL 050B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

JAPANESE

JPNS 001A: Beginning Japanese
Students in this course have the opportunity to learn the fundamentals of Japanese grammar and pronunciation, to converse on a limited scale about topics of everyday importance, and to record this information in writing. Also, the course covers written and spoken Japanese and introduces foundational grammatical structures and vocabulary. Also, students have the opportunity to be involved in a variety of activities which encourage the creative use of the language in meaningful situations.
Letter Grade, Pass/No Pass
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 6A - IGETC Languages (LOTE)
**JPNS 001B: Beginning Japanese**

This course continues the development of speaking, reading, and writing skills begun in JPNS 001A. Emphasis is placed on communication and relevancy. Students in this course have the opportunity to learn about and experience various aspects of the culture of the Japanese speaking world such as traveling, housing, and traditional festivals.

Letter Grade, Pass/No Pass

**Units:** 5

**Lecture Hours:** 80 – 90, **Lab Hours:** 0

**Prerequisites:** JPNS 001A

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** C. Humanities

**CSU GE:** Area C - Arts and Humanities: C2-Humanities

**UC/IGETC GE:** Area 3 - Arts and Humanities: 3B- Humanities

Language (LOTE)

**JPNS 011A: Japanese Laboratory I**

This is a laboratory course designed to give students the opportunity to improve and reinforce their Japanese language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one’s self, describing daily life activities, and exchanging information about pastimes. It explores Japanese culture using language computer programs, and a variety of other technologies, media, Internet resources, and films. This course is recommended for students enrolled in Japanese 1A to further enhance 1A course material, but it may be taken independently.

Letter Grade, Pass/No Pass

**Units:** 0.5

**Lecture Hours:** 0, **Lab Hours:** 24 – 27

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** JPNS 001A

Transferable to CSU only

**KINESIOLOGY**

**KINS 11.01: Yoga for Health**

This course emphasizes the physical practice of yoga exercises. It provides students the opportunity for gentle muscle stretching and increased range of motion around the joints. This course also includes breathing and relaxation techniques.

Letter Grade, Pass/No Pass

**Units:** 1

**Lecture Hours:** 0, **Lab Hours:** 48 – 54

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferable to both UC and CSU

**WVC GE:** G. Kinesiology Activity

**CSU GE:** Area E - Lifelong Learning and Self Development
KINS 11.02: Intermediate Yoga
This course provides students the opportunity to practice intermediate yoga postures including neutral spine, standing poses, forward bends, twists, inversions and extensions. It includes relaxation and breathing techniques. Intermediate yoga moves deeper into the spirit of Hatha yoga and explores how the virtues of yogic philosophy can be integrated into the physical practice.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 11.03: Gentle Restorative Exercise
This course introduces students to modified Yoga for healing and preventing injuries. The exercises provide gentle static muscle stretching for increased flexibility and range of motion. Yoga postures for strengthening weak muscles are included along with breathing and relaxation techniques for stress reduction.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 11.04: Advanced Yoga
This course provides students with the opportunity to gain muscular strength, endurance, and balance. The exercises are designed to improve posture, body alignment, core strength and flexibility. Benefits include balance, body awareness, mental focus, and relaxation. The static series of Yoga postures are performed in a warm environment to relax the muscles, increase blood circulation, and strengthen the heart.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 11.05: Mindful Meditation
The course is an introduction to the theory, practice, techniques, and benefits of mindfulness meditation. This course includes science-based evidence supporting practice techniques and benefits, body scan, awareness, informal and formal mindfulness techniques, and personal practice.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
CSU GE: Area E - Lifelong Learning and Self Development

KINS 11.06: Pilates Reformer and Mat Instructor Training
This course introduces students to a variety of Pilates exercise techniques on the reformer and mat. Topics include the history, methods, principles, and techniques involved in the original and contemporary exercise sequence on the mat and on the reformer. The techniques of teaching the exercises are emphasized, and creating exercise prescriptions based on posture analysis is deeply discussed. This course is a required course in the Pilates Instructor Certificate of Achievement. Successful completion of the certificate provides students the opportunity to work in the fitness industry as a Pilates instructor.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

KINS 11.07: Pilates Cadillac, Chair and Barrels Instructor Training
This course introduces students to a variety of Pilates exercise techniques on the Cadillac, Stability Chair, Arc Barrel, and Ladder Barrel. Topics include the history, methods, principles, and techniques involved in the original and contemporary exercise sequence on the Cadillac, Stability Chair, Arc Barrel, and Ladder Barrel.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: E. Lifelong Understanding and Development

KINS 11.08: Pilates Mat Workout
This course provides students with the opportunity to gain muscular strength and endurance. The exercises are designed to improve posture, body alignment and flexibility. Injury prevention, stress reduction, and increased self-confidence are emphasized. Pilates mat work emphasizes core musculature as it applies to everyday movement.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 11.09: Intermediate Pilates Mat Workout
This course provides students with the opportunity to gain core strength and endurance. Flex bands, foam rollers, and fitness circles are added to the exercises to improve posture, body alignment, and flexibility. Benefits include strength, balance, body awareness, and relaxation.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
KINS 11.10: Advanced Pilates
This course provides students the opportunity to gain core strength, muscular endurance, and flexibility while performing advanced Pilates exercises on the mat. Large apparatuses are introduced to further explore corrective exercises for functional fitness and athletic performance. This course introduces the proper use of the Reformer, Cadillac, Chair and Arc Barrels.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

KINS 12.20: Open Water Diver
This course provides students the opportunity to acquire knowledge and skills needed to SCUBA dive in open water. Upon successful completion of this course, students have an opportunity to qualify for an Open Water Diver SCUBA certification.
Letter Grade, Pass/No Pass
Units: 1.5
Lecture Hours: 16 – 18, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: KINS 7.23
Advisory: None
Transferable to both UC and CSU

KINS 12.22: Advanced Marine Diver
This course provides students the opportunity to acquire advanced knowledge and skills needed to SCUBA dive in open water. Topics include Dive Rescue, First Aid, CPR, and the use of Nitrox. Upon successful completion of this course, students qualify for an Advanced Open Water Diver SCUBA certification.
Letter Grade, Pass/No Pass
Units: 1.5
Lecture Hours: 16 – 18, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: KINS 7.24
Advisory: None
Transferable to both UC and CSU

KINS 2.04: Swimming - Beginning
This course provides students with the opportunity to gain elementary swimming skills and knowledge in order to remain safe while in and around the water. Freestyle and side breathing are emphasized for beginning level swimmers.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

KINS 2.05: Swimming - Intermediate
This course is designed to increase the aquatic competency of the individual by adding to the skills learned in Beginning Swimming. This course provides students the opportunity for additional freestyle stroke work. Techniques for backstroke and breaststroke are introduced. An emphasis is placed on improving stamina and coordination.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

KINS 2.06: Swimming - Advanced
This course provides students the opportunity to gain swimming skills for butterfly and continue to develop the stroke techniques introduced in the intermediate level. Emphasis is on the development of swimming speed, endurance, and strength.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

KINS 2.07: Master’s Swimming
This course provides students the opportunity to participate in a workout structured for competitive swimmers with emphasis on improving individual-stroke mechanics and mental preparation for competition.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

Advisory: Intermediate swimming proficiency, a minimum of swimming 500 yards continuously, is recommended
Transferable to both UC and CSU

WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 2.08: Lifeguard Training
This course provides students the opportunity to save patrons in and around aquatic facilities and in general emergency situations. Successful completion of this course qualifies one for the American Red Cross Lifeguard Certification, First Aid, CPR, and AED. Red Cross Lifeguard Certification is valid for two years from the date of successful completion.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 8 – 9, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: None

Additional Requisite Information:
Advisory: Intermediate swimming proficiency, a minimum of swimming 500 yards continuously, is recommended
Transferable to both UC and CSU

WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

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KINS 4.03: Fitness Aerobics
This course provides students with the opportunity to gain cardiovascular endurance. Activities include movement patterns incorporating low impact aerobics, intervals, running, and international dance routines.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.05: Fitness - Aqua Aerobics
This course provides students with the opportunity to improve cardiovascular capacity, muscular strength, and endurance through water exercise. This course includes flexibility exercises and is low impact. All exercises are performed in a pool using the water as resistance along with small floatation devices.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.07: Fitness Competitive Athlete
This course provides students the opportunity to properly train and condition their bodies for increased strength, flexibility, and endurance for athletic competition.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.12: Fitness - Stretch and Flex
This course explores the technique, theory, and benefits of acquiring flexibility through a variety of stretching exercises. Particular attention is devoted to back care, core strength, functional movement screening (FMS), relaxation, proper breathing techniques, and muscle anatomy education with prescriptive stretching.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.13: Fitness Walking
This course provides students the opportunity to explore the benefits of exercise through fitness walking and to study the principles of exercise. Topics include how to increase cardiovascular conditioning, endurance, flexibility training, and methods of releasing body tension.
Letter Grade, Pass/No Pass

KINS 4.14: Fitness, Water Exercise
This course provides students with the opportunity to gain muscular strength and endurance through water exercise. The workout is structured and performed in a pool. The exercises are low impact and are suitable for all fitness levels.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.15: Practical Experience in Personal Training
This course provides students the opportunity for practical applications and responsibilities of personal training. Topics include injury prevention, exercise prescription, and fitness assessments for program design.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

KINS 4.16: Fitness Weight Training
This course provides students with instruction in the various components of muscular strength and conditioning utilizing a variety of equipment and resistance training.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.19: Fitness Appraisal
This course is designed to provide an increased self awareness of personal fitness levels and fitness concepts. It includes theories of fitness, lifestyle change, nutrition, weight management, and the development of a personal exercise program.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
KINS 4.20: Fitness, Weight Training 2
This course is the second level of weight training for students who have completed Fitness, Weight Training 1. This intermediate course continues to build on what students have learned from Fitness, Weight Training 1. It also provides instruction in the various components of muscular strength using current trends in personal training. Topics include high intensity interval training, Cross-Fit protocols, and exercise prescription.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.21: Fitness Weight Training 3
This course is designed to provide students with instruction on various weight training methods to improve muscular strength and fitness through the programming of personal workout design. Weight training methods include Olympic lifts utilizing free weights, platforms, Pilates exercises on the reformer, TRX training, and circuit training. Additional topics include instruction in the different phases of exercise programming.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.22: Total Fitness for Men
This course provides students with the opportunity to gain muscular strength and endurance through the use of free weights, body bars, and resistive types of exercises. The workout is structured and the movements are set to music.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.23: Core Training
This course provides students with the opportunity to gain muscular strength for trunk stabilization. Movement patterns that strengthen the abdominals, obliques, hips and lower back are emphasized.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.24: Total Fitness for Women
This course provides students the opportunity to increase cardiovascular conditioning, muscular strength, endurance, flexibility and stress reduction. Emphasis is on training protocols for males.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.25: Body Sculpting
This course provides students with the opportunity to gain muscular strength and endurance through the use of free weights, body bars, and resistive types of exercises. The workout is structured and the movements are set to music.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.26: Functional Fitness
This course provides students the opportunity to gain muscular strength, balance, coordination, speed, power, and agility by performing conditioning drills using plyometrics, medicine balls, agility domes, speed ladders, rebound balls, and yoga. Movement patterns are designed to improve skills for running, jumping, throwing, kicking, lunging, and swinging. These movement patterns are intended to prepare students to be functionally strong for competitive sports and active lifestyles.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.27: Functional Fitness 2
This course provides students the opportunity to gain muscular strength, balance, coordination, speed, power, and agility by performing conditioning drills using plyometrics, medicine balls, agility domes, speed ladders, rebound balls, and yoga. Movement patterns are designed to improve skills for running, jumping, throwing, kicking, lunging, and swinging. These movement patterns are intended to prepare students to be functionally strong for competitive sports and active lifestyles.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.28: Fitness Jogging
This course provides students the opportunity to gain the benefits of exercise through fitness jogging. The principles of exercise relating to cardiovascular conditioning, muscle endurance, and flexibility are introduced.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.29: Core Training
This course provides students with the opportunity to gain muscular strength for trunk stabilization. Movement patterns that strengthen the abdominals, obliques, hips and lower back are emphasized.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.30: Functional Fitness
This course provides students the opportunity to gain muscular strength, balance, coordination, speed, power, and agility by performing conditioning drills using plyometrics, medicine balls, agility domes, speed ladders, rebound balls, and yoga. Movement patterns are designed to improve skills for running, jumping, throwing, kicking, lunging, and swinging. These movement patterns are intended to prepare students to be functionally strong for competitive sports and active lifestyles.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.31: Core Training
This course provides students with the opportunity to gain muscular strength for trunk stabilization. Movement patterns that strengthen the abdominals, obliques, hips and lower back are emphasized.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
KINS 4.32: Boot Camp
This course provides students with the opportunity to gain cardiovascular fitness, muscular strength, and endurance. This course utilizes campus grounds and incorporate exercise stations such as obstacle courses, hurdles, and rope climbing. Other training activities include running, calisthenics, and jumping rope.
Letter Grade, Pass/No Pass

Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.33: Cardio Cross Training
This course provides students the opportunity to gain improved flexibility, cardiovascular fitness, and muscle strength. It utilizes exercise equipment, including the stairmaster, stationary bike, treadmill, seated rowing machine, elliptical, and other apparatuses.
Letter Grade, Pass/No Pass

Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.35: Trail Running
This course provides students the opportunity to gain the benefits of exercise through trail running. This course includes exercise protocols for agility, endurance, and flexibility as needed for outdoor sports.
Letter Grade, Pass/No Pass

Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.36: Everyday Food and Fitness
This course provides students with the opportunity to adopt a healthy, active lifestyle. The goals of the course are to educate students on the health risks associated with obesity, to promote an increase in students’ overall activity, to help students develop healthy body composition, to offer tools for students to modify health related behavior, and to improve their overall health and well being.
Letter Grade, Pass/No Pass

Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.37: Barre Fitness
This course provides students the opportunity to increase muscle strength, endurance, balance, and posture. This course incorporates fitness principles from Pilates, Yoga, and basic ballet moves for a full body workout using the barre, sponge balls, weighted balls, and mats.
Letter Grade, Pass/No Pass

Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.38: Speed, Plyometrics, Agility and Quickness Level 1
This course provides students the opportunity to gain awareness of basic movement patterns and principles for sports involving running. These movement principles include proper technique, balance, and biomechanics. Movement patterns include agility, quickness, and endurance. Movement principles are applied to competitive sport activities such as cross-country running, track and field, soccer, baseball, softball, and football.
Letter Grade, Pass/No Pass

Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 4.39: Speed, Plyometrics, Agility and Quickness Level 2
This course provides students the opportunity to enhance their athletic movement patterns. The primary focus is speed, activation, and agility. These movement patterns enhance athletic performance in competitive sports such as soccer, swimming, basketball, lacrosse, and water polo.
Letter Grade, Pass/No Pass

Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
KINS 4.43: Speed, Plyometrics, Agility and Quickness Level 3
This course provides students the opportunity to gain awareness of movement patterns and principles for sports that require power and jumping. Training principles include plyometrics, high intensity interval training (HIIT), and sprint interval training (SIT). Sports that require speed and jumping ability include volleyball, basketball, soccer, lacrosse, gymnastics, baseball, softball, and water polo.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 6.01: MMA - Mixed Martial Arts
This course introduces students to the sport skills of mixed martial arts, including both stand-up and grappling techniques. Students are given the opportunity to develop skills in punching, kicking, and knee strikes. Students train with pads, striking bags, and partners. Students are given the opportunity to develop grappling skills including clinch work, takedowns, submission, sweeps, and escapes.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 6.02: Karate - Beginning
This course provides students the opportunity to develop beginning Karate skills and knowledge with a focus on kihon and kata. Beginning self-defense techniques and the Dojo Kun are presented.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 6.03: Self-Defense
This course introduces the skills and philosophies of self-defense. Methods and techniques for recognizing and avoiding dangerous situations are presented. Karate techniques are also emphasized. Students have an opportunity to learn a sense of awareness and practical self-protection techniques in relation to gender, body type, and strength.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 6.06: Karate - Intermediate
This course provides students the opportunity to develop greater proficiency in Karate skills and kime. History, origins, and techniques of Shotokan and Gichin Funakoshi are explored.
Pass/No Pass, Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: KINS 6.02
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 6.07: Kickboxing
This course introduces the skills used in competitive kickboxing. Training includes conditioning skills and drills for kicks, punches, blocks, and stances. Flexibility exercises are included. Sparring drills, bag work, timing, and focus training are emphasized.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 6.08: Boxing
This course provides students the opportunity to gain cardio-respiratory fitness, strength, and flexibility through boxing techniques. Stances, punching, combinations, blocks, and sparring drills will be presented. The rules of sport boxing are introduced. Sport boxing training techniques are emphasized.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 6.10: Karate - Advanced
This course provides students the opportunity to develop advanced techniques of karate including punches, kicks, strikes, blocks, stances and combinations. Students are also given the opportunity to develop advanced self-defense and sparring skills.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: KINS 6.06
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
KINS 7.02: Badminton - Beginning
This course introduces students to the fundamentals of badminton and the strategies of the game at a beginning level. Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.03: Badminton - Intermediate
This course provides students the opportunity to master individual skills and strategies of badminton to include the clear stroke, doubles play, and additional serving techniques. Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.10: Golf - Beginning
This course provides students the opportunity to learn beginning golf skills and knowledge needed to play golf. Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.11: Golf - Intermediate
This course is designed to help intermediate golfers develop more advanced skills in the game of golf. A greater emphasis is placed on the technical aspects of the swing. Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.12: Golf - Advanced
This course provides students the opportunity to develop advanced golf techniques in a practical and realistic atmosphere. Lab sessions are presented at the golf course. Emphasis is on the social values of the game and an introduction to various scoring methods and types of tournament play. Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: KINS 7.11
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.15: Beginning Pickleball
This course provides students an overview of the skills needed to play pickleball at a beginning level. Concepts include fundamental strokes, rules of the game, terminology, equipment needed, and etiquette. Pass/No Pass, Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.16: Intermediate Pickleball
This course provides students an overview of the skills needed to play pickleball at the intermediate level. The intermediate aspects of pickleball include types of strokes, offensive and defensive strategies, spins, and shot placement. Fitness for optimal performance and injury prevention concepts are included. Pass/No Pass, Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.17: Advanced Pickleball
This course covers advanced pickleball strategies and strokes with an emphasis on singles and doubles match play. Concepts of fitness, nutrition, and injury prevention are explored for the competitive player. Environmental effects on the game are discussed. Pass/No Pass, Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
KINS 7.18: Beginning Tennis
This course includes instruction on the basic fundamentals of tennis and provides students the opportunity to master ground stroke skills. Mastery of these skills enables the student to progress to the next level of tennis.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: KINS 7.18
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.20: Intermediate Tennis
Intermediate tennis is designed to provide students the opportunity for greater insight into the game with the addition of ball spin into ground stroke skills. Mastery of these skills enables the student to progress to the next level of tennis.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: KINS 7.18
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.21: Advanced Tennis
This course provides students the opportunity to develop advanced tennis skills and strategies. The emphasis is on the use of power in serves and ground strokes.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: KINS 7.20
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.23: Scuba Diving
This course provides the opportunity for students to learn the knowledge and skills of SCUBA Diving. Satisfactory completion of this course can lead to international SCUBA certification. For the health and safety of the student this course may include a health survey and/or a swim test. Students successfully completing Open Water training may qualify for dive certification.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 24 – 27, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: KINS 12.20
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.24: Scuba Diving - Advanced
This course provides students the opportunity to improve their knowledge and skills of SCUBA and Marine Diving Technology. Satisfactory completion of this course can lead to international SCUBA certification in Advanced, Rescue and Nitrox. It is recommended that students have an internationally recognized certification as an open water SCUBA Diver prior to taking this course.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 24 – 27, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: KINS 12.22
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.26: Studio Cycling
This course provides students the opportunity to learn the technical aspects of road racing. Content includes techniques for the competitive cyclist. The workouts are performed on a studio spinning bike designed to improve aerobic and anaerobic fitness through interval training and steady state training. Benefits include improved cycling mechanics and efficiency, body awareness, injury prevention, stress reduction and increased self-confidence.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 7.27: Studio Cycling Advanced
This course provides students the opportunity to learn the technical aspects of road racing. Content includes techniques for the competitive cyclist. The workouts are performed on a studio spinning bike designed to improve speed, pedal efficiency, and balance. Techniques are applied to outdoor cycling and include injury treatment and prevention.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.03: Baseball/Softball - Advanced
This course provides students the opportunity to develop advanced baseball and softball skills and techniques for throwing, catching, batting, and bunting.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
KINS 8.04: Beginning Basketball
This course is designed to teach the basic skills, techniques, rules, and strategies of basketball.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.05: Intermediate Basketball
This course introduces intermediate level basketball skills. Content includes strategies for team play, screening, spacing, and offensive movement. This course enhances the basic skills introduced at the beginning level.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.06: Advanced Basketball
This course introduces advanced techniques in basketball. Topics include defensive strategies for team and individual competition. Emphasis is on man to man and zone defense. Half court and full court techniques are also introduced.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.08: Soccer - Beginning
This course provides students the opportunity to learn basic skills, strategies, and techniques of soccer participation. This course emphasizes dribbling, kicking, and passing.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.09: Soccer - Advanced
This course introduces advanced skills in soccer and includes diving, heading, and free throw. This course is designed to develop individual skills which can be incorporated into a relatively high level of team participation.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.10: Soccer - Intermediate
This course provides students the opportunity to develop the skills, strategies, and athletic ability necessary for participation in soccer. This intermediate level of participation includes sports psychology techniques for optimal performance and team cohesion.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.12: Baseball/Softball - Beginning
This course provides students the opportunity to develop baseball and softball skills and participate on a softball team in a class setting. Baseball and softball skills for the beginning player include fielding the ball, throwing, running, and hitting.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.13: Baseball/Softball - Intermediate
This course provides students the opportunity to develop intermediate baseball and softball skills for pitching and bunting. It includes competitive team play.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
KINS 8.15: Volleyball - Beginning Skills
This course provides students the opportunity to learn volleyball skills for passing, setting, serving, and hitting at the beginning level.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.16: Volleyball - Intermediate Skills
This course is a continuation of the study of volleyball begun in KINS 8.15 and provides students the opportunity to develop the volleyball skills for digging and blocking.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.17: Volleyball - Advanced Skills
This course provides students the opportunity to further develop volleyball skills. An emphasis is placed on blocking fast hits, specialty serves, and offensive and defensive formations.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.18: Beach Volleyball
This course is designed to teach skills, strategies, and techniques of doubles sand volleyball. Topics include drills for passing, setting, serving, hitting, and blocking. All fitness levels are encouraged to enroll.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.20: Introduction to Sport Fundamentals
This course emphasizes the basic development of general athleticism and total fitness associated with sport competition. The five components of fitness are explored and applied to each individual.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.21: Fundamentals of Sport - Beginning
This course emphasizes the development of the athletic skills and knowledge associated with sports. This course provides student athletes an opportunity to develop speed, agility, power, and strength as a means to prepare for future athletic competition.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.22: Fundamentals of Sport - Intermediate
This course emphasizes all aspects of building a cohesive team environment including problem solving, risk taking, cooperation, leadership, and trust. This course introduces a student athlete to offensive and defensive aspects of sport competition.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINS 8.23: Fundamentals of Sport - Advanced
This course provides student athletes an opportunity to prepare for collegiate competition. Topics include pre-game meal planning, mental preparation, and offensive and defensive strategies. Students are exposed to concepts in sportsmanship, academic progress, and the rules and standards of the COA.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
KINESIOLOGY - ATHLETICS

KINA 9.01: Intercollegiate Baseball - Men
This course provides intercollegiate baseball competition. Students are given the opportunity to develop a high degree of baseball skills and demonstrate these skills in game situations. Students are also given the opportunity to develop an increased level of fitness that will allow them to compete at the intercollegiate level.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.02: Intercollegiate Basketball - Men
This course provides intercollegiate basketball competition. Students are given the opportunity to develop a high degree of basketball skills and demonstrate these skills in game situations. Students are also given the opportunity to develop an increased level of fitness that will allow them to compete at the intercollegiate level.

Letter Grade, Pass/No Pass
Units: 1.5
Lecture Hours: 0, Lab Hours: 72 – 81
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.03: Intercollegiate Men's Basketball - Post-Season Fundamentals
This course provides student athletes the opportunity to compete in men's basketball conference play and playoffs during spring semester. Topics include a focus on competitive skills needed for championship games and fitness components for a successful career in athletics.

Letter Grade, Pass/No Pass
Units: 1.5
Lecture Hours: 0, Lab Hours: 72 – 81
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.04: Intercollegiate Tennis - Women
This course is designed for intercollegiate women's tennis competition. Students are given the opportunity to develop tennis skills and demonstrate these skills in a match situation. These skills include groundstrokes, volleys, and offensive and defensive techniques. Students are also given the opportunity to develop an increased level of cardiovascular fitness, speed, agility, and flexibility.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.07: Intercollegiate Soccer - Men
This course provides intercollegiate men's soccer competition. Students are given the opportunity to develop a high degree of soccer skills and demonstrate these skills in a match situation. These skills include offensive and defensive techniques, and rules of the game. Students are also given the opportunity to develop an increased level of cardiovascular fitness that will allow them to compete at the intercollegiate level.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: KINA 9.30 or KINA 9.47
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.08: Intercollegiate Soccer - Women
This course is designed for intercollegiate women's soccer competition. Students are given the opportunity to develop soccer skills and demonstrate these skills in a match situation. These skills include offensive and defensive techniques, kicking, and dribbling. Students are also given the opportunity to develop an increased level of cardiovascular fitness that will allow them to compete at the intercollegiate level.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.09: Intercollegiate Softball - Women
This course provides intercollegiate softball competition. Students are given the opportunity to develop softball skills and demonstrate these skills in game situations. Students are also given the opportunity to develop an increased level of fitness that will allow them to compete at the intercollegiate level.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.10: Intercollegiate Swimming - Men
This course provides intercollegiate swimming competition. Students are given the opportunity to develop a high degree of competitive swimming skills and the opportunity to demonstrate these skills during intercollegiate competition. Students are also given the opportunity to develop a level of fitness that will allow them to compete at the intercollegiate level.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: KINS 2.06
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
KINA 9.11: Intercollegiate Swimming - Women
This course provides intercollegiate swimming competition. Students are given the opportunity to develop a high degree of competitive swimming skills and the opportunity to demonstrate these skills during intercollegiate competition. Students are also given the opportunity to develop a level of fitness that will allow them to compete at the intercollegiate level.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.16: Intercollegiate Beach Volleyball - Women
This course provides student athletes an opportunity to compete in beach volleyball. The skills and techniques needed for intercollegiate athletic performance are emphasized. Rules, etiquette, and COA standards are also discussed.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.17: Intercollegiate Volleyball - Women
This course provides intercollegiate women's volleyball competition. Students are given the opportunity to develop a high degree of volleyball skills and demonstrate these skills in match situations. Students are also given the opportunity to develop an increased level of fitness that will allow them to compete at the intercollegiate level.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.18: Intercollegiate Water Polo - Men
This course provides intercollegiate competition for male student athletes in water polo. Students are given the opportunity to develop water polo skills and demonstrate these skills in a match situation. These skills include offensive and defensive techniques, passing, blocking, and strategy. An overview of the rules of the game are included. Students are also given the opportunity to develop an increased level of cardiovascular fitness that will allow them to compete at the intercollegiate level.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.20: Women's Intercollegiate Water Polo
This course provides intercollegiate competition for woman in Water Polo. Students are given the opportunity to develop a high degree of water polo skills and demonstrate these skills in match situations. These skills include offensive and defensive techniques, and rules of the game. Students are also given the opportunity to develop an increased level of cardiovascular fitness that will allow them to compete at the intercollegiate level.
Pass/No Pass, Letter Grade
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.10: Intercollegiate Pre-Season Conditioning
This course is for students competing in Intercollegiate athletics. The course is designed to get the student athlete ready for the season of competition by improving fitness, strength, and flexibility to help minimize the potential of injury.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.31: Athletic Tennis - Skills and Techniques
The course provides opportunity for students to develop advanced intercollegiate tennis skills and techniques. This course provides instruction in tennis specific rules, techniques, equipment, facilities management, etiquette, and safety. In addition, students are given the opportunity to apply nutrition, flexibility, and strength training concepts to improve their tennis skills.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.41: Athletic Baseball - Skills and Techniques
This is an advanced development of athletic baseball skills and techniques course. The course provides instruction in baseball specific rules, techniques, equipment and facilities management, etiquette, and safety. In addition, students are given the opportunity to apply nutrition, flexibility, and strength training concepts to improve their skills.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 0, Lab Hours: 96 – 108
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
KINA 9.42: Athletic Basketball - Skills and Techniques
The course provides the opportunity for students to develop advanced intercollegiate basketball skills and techniques. This course provides instruction in basketball specific rules, techniques, equipment and facilities management, etiquette, and safety. In addition, students are given the opportunity to apply nutrition, flexibility, and strength training concepts to improve their skill level.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.47: Athletic Men's Soccer - Skills and Techniques
The course provides the opportunity for students to develop advanced intercollegiate men's soccer skills and techniques. It provides instruction in soccer rules, techniques, equipment and facilities management, etiquette, and safety. In addition, students are given the opportunity to apply nutrition, flexibility, and strength training concepts to improve their skill level.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.48: Athletic Women's Soccer - Skills and Techniques
The course provides the opportunity for students to develop advanced intercollegiate women's soccer skills and techniques. This course provides instruction in soccer rules, techniques, equipment and facilities management, etiquette, and safety. In addition, students are given the opportunity to apply nutrition, flexibility, and strength training concepts to improve their skill level.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.49: Athletic Softball - Skills and Techniques
This course provides students the opportunity to apply nutrition, flexibility, and strength training concepts to improve their softball skills. This course introduces athletic softball skills and techniques with instruction in softball specific rules, techniques, equipment, and facilities management. Concepts in etiquette and safety are introduced.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 0, Lab Hours: 96 – 108
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.55: Athletic Men's Water Polo - Skills and Techniques
The course provides student-athletes the opportunity to develop advanced intercollegiate water polo skills and techniques. This course provides instruction in water polo rules, techniques, equipment and facilities management, etiquette, and safety. In addition, students are given the opportunity to apply nutrition, strength training, flexibility, and proper swimming mechanics to improve their athletic performance.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.56: Athletic Women's Water Polo - Skills and Techniques
The course provides the opportunity for students to develop advanced intercollegiate water polo skills and techniques. This course provides instruction in water polo rules, techniques, equipment and facilities management, etiquette, and safety. In addition, students are given the opportunity to apply nutrition, strength training, flexibility, and proper swimming mechanics to improve their skill level.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development

KINA 9.60: Post Season Conditioning
This course offers student athletes the opportunity to train in their sport during the off-season. This course utilizes various training protocols for post-season athletes who need more training or need injury recovery. Concepts in nutrition, hydration, and environmental effects on athletic training are introduced.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: G. Kinesiology Activity
CSU GE: Area E - Lifelong Learning and Self Development
KINESIOLOGY THEORY

KINT 030: Introduction to Kinesiology
This course is an introduction to the discipline of kinesiology and the study of human movement. An overview of the seven sub-disciplines in kinesiology are discussed. A brief overview of the major historical events, research methods, and what professionals do in the subdisciplines of philosophy, history, sociology, motor behavior, psychology, biomechanics, and physiology are included. The course explores career opportunities in five common areas: health and fitness; therapeutic exercise; physical education; coaching and sport instruction; and sport management and law. The study of kinesiology is used to promote physical activity for the benefit of all people.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

C-ID: KIN 100 - Introduction to Kinesiology

KINT 031: Psychological Foundations of Sport
This course provides an introduction to psychological concepts, strategies, and skills designed to help individuals overcome the barriers to optimal athletic performance. Skills such as imagery, goal setting, cognitive restructuring, attentional focusing, arousal regulation, and coping are presented. This course provides students an opportunity to establish a goal and work toward it by implementing concepts in sport psychology.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

CSU GE: Area D - Social Sciences

WVC GE: Area D - Social Sciences

KINT 032: Introduction to Coaching Sport
Coaching Sports focuses on the components and characteristics of coaches and sport programs. Students have an opportunity to examine and develop coaching techniques, styles and philosophies pertaining to the planning, management and competition in sports.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

KINT 033: Women in Sports
This course provides students with the chronological history, analysis, and interpretation, of people, events, and issues that affect women in sport, in past and present day society. Physiological, sociological, and psychological aspects of the female athlete as related to sports, history, and education are introduced. Students gain an understanding of significant events of women in athletics and the impact on their future participation.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: D: Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences

KINT 034: Sport in Society
This course is an introduction to the sociology of sport. In this course students are encouraged to discuss issues and think critically to analyze sports as a part of our society.
Pass/No Pass, Letter Grade
Units: 3
Lecture Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

CSU GE: CSU GE: Area D - Social Sciences

KINT 035: Leadership Development of the Student Athlete
This course is designed to assist first year student-athletes toward academic and athletic success. This course emphasizes necessary requirements for degree completion, transfer, or professional employment while competing in intercollegiate sports. Topics include CCCAA, NAIA, and NCAA rules and eligibility requirements, how to transfer, getting recruited, scholarship and financial aid applications, leadership training, career choices, and social responsibilities. Sports nutrition and injury prevention are also explored.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 32 – 36
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

WVC GE: E: Lifelong Understanding and Development

KINT 036: Anatomy for Physical Fitness
This course provides students an opportunity to explore the human body as it relates to physical fitness and movement science. Basic kinesiology terms are explored along with muscles, bones, and joints. An in-depth analysis of proper posture of the spine and core musculature is included. This course is designed for students interested in becoming a personal trainer, and/or a fitness, Pilates, or Yoga instructor. Basic anatomy is introduced and provides students the opportunity to explore kinesiology as a field of study.
Pass/No Pass, Letter Grade
Units: 3
Lecture Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
KINT 038A: Introduction to Sports Medicine
This course introduces students to the concepts of athletic training. Topics include prevention, management, treatment, and rehabilitation of sports injuries. Techniques for adhesive strapping and protective padding are included.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

KINT 042: Principles of Strength Training and Conditioning
This course covers the principles of strength training and conditioning. Emphasis is on the Optimal Performance Training (OPT) Model which includes basic exercise science, functional human movement, core and flexibility training, and resistance training.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development

KINT 044: Lifetime Fitness
This course provides students an overview of health, wellness, and fitness components for developing a healthy lifestyle. Topics include nine dimensions of wellness, nutrition, muscular strength and endurance, flexibility, weight and stress management, cardiovascular health, body composition, and behavioral change tools for adopting a healthy lifestyle. Students participate in activities consisting of a variety of fitness tests. Students have the opportunity to develop short and long term goals for cardiovascular endurance, muscular strength, and flexibility, as well as a personalized exercise program that may lead to a healthier lifestyle.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development

LATIN
LATN 050A: Latin - Grammar & Structure and Roman Culture
This course is designed for students who wish to improve their understanding of foreign language, English, and the literature of ancient writers of Latin. The classroom activities consist of grammar, vocabulary, reading, and translating original passages in Latin classical literature.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

LIBRARY
LIBR 004: Information Competency
This course provides students with the opportunity to develop and strengthen research skills and to learn the core concepts of information retrieval. Students are introduced to the essential techniques for finding, evaluating, analyzing and presenting information - key skills for a successful college career. The class covers in-depth use of electronic resources, how to create research strategies to retrieve relevant information, and how to critically evaluate information in all its formats. The class also reviews the legal and ethical issues surrounding information and its use.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
CSU GE: Area E - Lifelong Learning and Self Development

MATH 000D: Trigonometry
This course covers the study of trigonometric functions. Topics include graphs, inverses, identities and proofs related to trigonometric expressions, trigonometric equations, solving right and oblique triangles, and the introduction to vectors.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: MATH 104, MATH 106 or MATH 104R, MATH 106 or MATH 104, MATH 106R or MATH 104R, MATH 106R
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
C-ID: MATH 851 - Trigonometry
MATH 000G: Mathematics for the Liberal Arts Student
This course introduces students to creative mathematical thinking and problem solving. Topics include logic, geometry, applications of exponential and logarithmic functions, and the mathematics of probability and statistics. It is intended to provide a survey of current mathematical techniques for the non-specialist.
Letter Grade
Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: MATH 106 or MATH 106R
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning

MATH 001: Pre-Calculus Algebra
This is a college level course in algebra for majors in science, technology, engineering, and mathematics. Topics include polynomial, rational, radical, exponential, absolute value, logarithmic, composite and inverse functions, systems of equations, theory of polynomial equations, and analytic geometry.
Letter Grade
Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: MATH 106 or MATH 106R
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning

MATH 001C: Just-In-Time Support for Pre-Calculus Algebra
This course is intended for students who desire additional support in Math 1, Pre-Calculus Algebra. The course provides students with “just in time” support of algebra topics needed to be successful in Pre-Calculus algebra. It is only for students who are concurrently enrolled in Pre-Calculus Algebra, Math 1, at West Valley College. Topics include operations of real numbers, algebraic properties, manipulation of algebraic expressions, solving algebraic equations, inequalities, graphs of equations in two variables, functions and their properties, and problem-solving strategies. Recommended for students with little or no recent knowledge in algebra.
Pass/No Pass
Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: None
Co-Requisites: MATH 001
Advisory: None
Not transferable

MATH 002: Pre-Calculus Algebra and Trigonometry
This is an intensive course whose topics are traditionally found in the separate courses of pre-calculus algebra and trigonometry. This course is a preparation for calculus covering polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs as well as additional topics in analytic geometry. This course is designed for the student in mathematics who desires to fulfill the requirements of Math D and Math 1 in one semester.
Letter Grade
Units: 6
Lecture Hours: 96 – 108, Lab Hours: 0
Prerequisites: MATH 106, MATH 104 or MATH 106R, MATH 104 or MATH 106, MATH 104R or MATH 106R, MATH 104R
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning
C-ID: MATH 955 - Precalculus & Trigonometry

MATH 003A: Calculus and Analytic Geometry
This is a first course in differential and integral calculus of a single variable: topics include functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. It is designed primarily for Science, Technology, Engineering, and Math Majors.
Letter Grade
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: MATH 001, MATH 000D or MATH 002
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning
C-ID: MATH 210 - Single Variable Calculus I Early Transcendentals

MATH 003AH: Honors Calculus and Analytical Geometry
Honors Calculus and Analytic Geometry uses the pedagogical methods common to all honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. This is a first course in differential and integral calculus of a single variable: topics include functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. It is designed primarily for Science, Technology, Engineering & Math Majors. Honors work emphasizes a deeper study of differential calculus via the study of proofs using analytic techniques, real-world problems, and special applied projects.
Letter Grade
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: MATH 001, MATH 000D or MATH 002
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning
MATH 003B: Calculus and Analytical Geometry
This is a second course in differential and integral calculus of a single variable: integration, techniques of integration, infinite sequences and series, polar and parametric equations, and applications of integration. This course is primarily for science, technology, engineering & math majors.
Letter Grade
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: MATH 003A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning
C-ID: MATH 220 - Single Variable Calculus II Early Transendentals

MATH 003BH: Honors Calculus and Analytical Geometry
Honors Calculus and Analytical Geometry uses the pedagogical methods common to all honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. This is a second course in differential and integral calculus of a single variable: topics include integration, techniques of integration, infinite sequences and series, polar and parametric equations, and applications of integration. This course is primarily for science, technology, engineering & math majors. Honors work emphasizes a deeper study of integral calculus via the study of proofs using analytic techniques, real-world problems, and special applied projects.
Letter Grade
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: MATH 003A or MATH 003AH
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning

MATH 004A: Intermediate Calculus
This course covers vector-valued functions, calculus of functions of more than one variable, partial derivatives, differentials, gradients, Lagrange Multipliers, multiple integration, line integrals, surface integrals, Green's Theorem, Stokes' Theorem, and the Divergence theorem.
Letter Grade
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: MATH 003B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning
C-ID: MATH 230 - Multivariable Calculus

MATH 004B: Differential Equations
The course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. It introduces the theoretical aspects of differential equations, including establishing when solution(s) exist, and techniques for obtaining solutions, including, series solutions, singular points, Laplace transforms and linear systems.
Letter Grade
Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: MATH 003B
Co-Requisites: None
Advisory: MATH 004A, MATH 004C
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning
C-ID: MATH 240 - Ordinary Differential Equations

MATH 004C: Linear Algebra
This course develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. It investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, and linear transformations. Selected applications of linear algebra are included.
Letter Grade
Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: MATH 003B
Co-Requisites: None
Advisory: MATH 004A
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning
C-ID: MATH 250 - Introduction to Linear Algebra

MATH 010: Elementary Statistics
This course covers the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications discussed use data from disciplines including business, social sciences, psychology, life science, health science, and education.
Letter Grade
Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: MATH 106 or MATH 106R or MATH 105
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning
C-ID: MATH 110 - Introduction to Statistics
MATH 010C: Just-In-Time Support for Statistics
This course is intended for students who desire additional support in Math 10, Elementary Statistics. The course provides students with "just-in-time" support of mathematical topics needed to be successful in statistics. It is only for students who are concurrently enrolled in Elementary Statistics at West Valley College. Topics include concepts from arithmetic, algebra, and basic statistics that are needed to understand the content of a college-level statistics course. Topics are taught through the context of data analysis.

Pass/No Pass

Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: None
Co-Requisites: MATH 010
Advisory: None
Not transferable

MATH 010H: Honors Elementary Statistics
Honors Elementary Statistics uses the pedagogical methods common to all Honors courses: interdisciplinary, writing- intensive, collaborative, and experiential instruction. This course covers the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications discussed use data from disciplines including business, social sciences, psychology, life science, health science, and education.

Letter Grade

Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: MATH 106 or MATH 106R or MATH 105
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning
C-ID: MATH 110 - Introduction to Statistics

MATH 012: Applied Calculus
This course presents a study of the techniques of calculus with emphasis placed on the application of these concepts to business and management related problems as well as applications for social and life science majors. The applications of derivatives and integrals of functions including polynomial, rational, exponential and logarithmic functions are studied. This course is not equivalent to Math 3A.

Letter Grade

Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: MATH 106 or MATH 106R
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning
C-ID: MATH 110 - Business Calculus

MATH 012C: Just-In-Time Support for Applied Calculus
This course is intended for students who desire additional support in Math 12, Applied Calculus. The course provides students with "just in time" support of Applied Calculus topics needed to be successful in Applied Calculus. It is only for students who are concurrently enrolled in Applied Calculus, Math 12, at West Valley College. Topics include operations of real numbers, algebraic properties, manipulation of algebraic expressions, solving algebraic equations, inequalities, graphs of equations in two variables, functions and their properties, and problem-solving strategies. Recommended for students with little or no recent knowledge in advanced algebra topics.

Pass/No Pass

Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: None
Co-Requisites: MATH 012
Advisory: None
Not transferable

MATH 014: Math for Elementary School Teachers (Number Systems)
This course covers the real number system, numeration system, elementary number theory, and problem solving. Technology and hands-on experiences are integrated throughout this course. It is designed to fulfill the lower division mathematics requirement for students planning to enter a multiple subject teaching credential program.

Letter Grade

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: MATH 106 or MATH 106R
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
C-ID: MATH 120 - Mathematical Concepts for Elementary School Teachers - Number Systems

MATH 019: Discrete Mathematics
This course covers fundamental topics for Computer Science, such as logic, proof techniques, sets, introduction to computer programming, basic counting rules, relations, functions and recursion, graphs and probability trees.

Letter Grade

Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: MATH 001 or MATH 002
Co-Requisites: None
Advisory: MATH 003A
Transferable to both UC and CSU

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning
UC/IGETC GE: Area 2 - Mathematical Concepts and Quantitative Reasoning
C-ID: MATH 160 - Discrete Math
MATH 080: Foundations of Data Science
The goal of Math 80 is to teach students data science as a way of thinking. The course combines three perspectives: inferential thinking, computational thinking, and real-world relevance. Given data arising from some real-world phenomenon, how does one analyze that data so as to understand that phenomenon? The course teaches critical concepts and skills in computer programming and statistical inference, in conjunction with hands-on analysis of real-world datasets, including economic data, document collections, geographical data, and social networks. It delves into social issues surrounding data analysis such as privacy and design. As a byproduct, it is also meant to teach students some basic Python programming language syntax, and how to apply it to solve problems.
Letter Grade
Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: MATH 106 or MATH 106R
Co-Requisites: None
Advisory: MATH 010, CIST 005A
Not transferable to CSU only
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B4 - Mathematics/Quantitative Reasoning

MATH 104: Plane Geometry
This course covers the basic concepts of plane geometry with an emphasis on deductive reasoning. The topics include lines, angles, polygons, circles, congruence, similarity, parallelism, perpendicularity, lengths, areas and volumes.
Letter Grade
Units: 4
Lecture Hours: 64 – 72, Lab Hours: 0
Prerequisites: LRSV 945 or MATH 903 or MATH 903R
Co-Requisites: None
Advisory: None
Not transferable
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking

MATH 104R: Geometry Review for Trigonometry
This course serves as a geometry preparation course for Math D or 2. In this course, students have the opportunity to review geometry topics needed to succeed in Trigonometry.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: LRSV 945 or MATH 903 or MATH 903R
Co-Requisites: None
Advisory: None
Not transferable

MATH 105: Pre-Statistics
This course presents introductory statistical concepts with an emphasis on data analysis and modeling. Topics include mathematical modeling using real-world data and graphs, as well as algebraic concepts as needed. This class is NOT intended for math, science, computer science, engineering, business, nursing, pre-physics therapy, kinesiology, or elementary school education majors. It is intended for students who will take Math 10 or 10H, Elementary Statistics, and who do NOT need any other math course for their major.
Letter Grade
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: MATH 903 or MATH 903R or LRSV 945
Not transferable
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking

MATH 106: Intermediate Algebra
This course expands on the topics and mathematical skills from elementary algebra. The characteristics and properties of linear, quadratic, rational, radical, exponential, composite, inverse, and logarithmic functions are developed. Additional topics include systems of equations and inequalities, complex numbers, and conic sections.
Letter Grade
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: LRSV 945 or MATH 903 or MATH 903R
Co-Requisites: None
Advisory: None
Not transferable
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking

MATH 106C: Just-in-Time Support for Intermediate Algebra
This course is intended for students who desire additional support in Math 106, Intermediate Algebra. The course provides students with “just in time” support of elementary and intermediate algebra topics needed to be successful in intermediate algebra. It is only for students who are concurrently enrolled in Intermediate Algebra, Math 106, at West Valley College. Topics include operations of real numbers, algebraic properties, manipulation of algebraic expressions, solving algebraic equations, inequalities, graphs of equations in two variables, functions, and problem-solving strategies. This course is recommended for students with little or no recent knowledge in algebra or who desire additional support.
Pass/No Pass
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: MATH 106
Advisory: None
Not transferable

MATH 106P: Preparation for Intermediate Algebra
This course serves as a preparation for Math 106. In this course, students have the opportunity to develop entry-level math and study skills needed to succeed in Intermediate Algebra through classroom instruction and by using a web-based algebra system.
Pass/No Pass
Units: 0.5
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
MATH 106R: Intermediate Algebra - Review
This accelerated course expands on the topics and mathematical skills from elementary algebra. The characteristics and properties of linear, quadratic, rational, radical, exponential, composite, inverse, and logarithmic functions are developed. Additional topics include systems of equations and inequalities, complex numbers, and conic sections. This course is designed for students who have had previous instruction in intermediate algebra.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: LRSV 945 or MATH 903 or MATH 903R
Co-Requisites: None
Advisory: None
Not transferable

WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking

MATH 903: Elementary Algebra
The course covers the basic operations and properties of real numbers, exponential, polynomial, rational, and radical expressions. Other topics include first-degree equations and inequalities, systems of linear equations, graphing, and quadratic, rational and radical equations.

Letter Grade, Pass/No Pass
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

MATH 903P: Preparation for Elementary Algebra
This course is a preparation for Math 903/903R. In this course, students have the opportunity to develop the appropriate entry-level math and study skills needed in Elementary Algebra by using a web-based computer algebra system.

Pass/No Pass
Units: 0.5
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

MATH 903R: Elementary Algebra Review
This course is an accelerated version of Math 903. The course covers the basic operations and properties of real numbers, exponential, polynomial, rational, and radical expressions. Other topics include first-degree equations and inequalities, systems of linear equations, graphing, and quadratic, rational and radical equations. This course should be taken by students who have previously completed elementary algebra, but who need a review before taking intermediate algebra.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

MATHTMP 1: Transfer Math Preparation 1 - Preparation for Transfer Level
This course serves as a preparation for students entering Math 000D, 001, 002, and/or 012. Through classroom instruction and by using a web-based algebra system, students have the opportunity to develop the mathematical skills necessary to succeed in a transfer level math course as well as the study skills beneficial to advancement in Trigonometry, Pre-calculus Algebra and/or Applied Calculus.

Pass/No Pass
Units: 0.5
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

MATHTMP 2: Transfer Math Preparation 2 - Preparation for First Semester Calculus
This course serves as a preparation for students entering Math 003A, Calculus I and Analytic Geometry. Through classroom instruction and/or by using a web-based mathematics learning system, students have the opportunity to develop the mathematical skills necessary to succeed in a first-semester calculus course.

Pass/No Pass
Units: 0.5
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

MUSIC
MUSC 001: Music History: Medieval, Renaissance and Baroque Periods
This course is a survey of music history and literature from antiquity to 1750, including cultural, intellectual and social influences, and provides an in-depth examination of the development of Western European music through analysis and synthesizing of historical details and stylistic elements of the musical trends of the era.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: MUS 105 - Music History I, Antiquity to 1750
MUSC 001H: Honors Music History: Medieval, Renaissance and Baroque
This course is a survey of music history and literature from antiquity to 1750, including cultural, intellectual and social influences, and provides an in-depth examination of the development of Western European music through analyzing and synthesizing of historical details and stylistic elements of the musical trends of the era. Honors Music History uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and exploring the field through reading primary source research.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
C-ID: MUS 105 - Music History I, Antiquity to 1750

MUSC 002: Music History: Classical, Romantic and Contemporary Periods
This course is a survey of music history and literature from 1750 to the present, including cultural, intellectual and social influences. This course provides an in-depth examination of the development of Western European music through analysis and synthesizing of historical details and stylistic elements of the musical trends of the era.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: MUS 106 - Music History II, 1750-Present

MUSC 002H: Honors Music History: Classical, Romantic and Contemporary
This course is a survey of music history and literature from 1750 to the present, including cultural, intellectual and social influences. This course provides an in-depth examination of the development of Western European music through analysis and synthesizing of historical details and stylistic elements of the musical trends of the era. Honors Music History uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and exploring the field through reading primary source research.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts

MUSC 003A: Music Theory Level 1
This course incorporates and develops the following concepts, through guided composition and analysis: rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; diatonic chord function; basic cadential formulas and phrase structure; dominant sevenths; figured bass symbols; and non-harmonic tones. Development of skills in handwritten notation is expected.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 005
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: MUS 120 - Music Theory I

MUSC 003B: Music Theory Level 2
This course continues the concepts presented in MUSC 003A Music Theory Level I. Through guided theory applications and analysis, the course includes: an introduction to two-part counterpoint; voice leading involving four-part chorale writing; diatonic harmony; and an introduction to secondary/applied chords and modulation. Music majors are required to take MUSC 020B concurrently with this course. Non-majors are encouraged but not required to take MUSC 020B concurrent with this course. Concurrent enrollment in MUSC 030A/B Beginning Piano is strongly encouraged for all students.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 003A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: MUS 130 - Music Theory II
MUSC 004: Music Theory Level 3
This course builds upon the concepts from Music Theory Level 2, incorporating the study of advanced harmonic, rhythmic, and melodic materials, with emphasis on chromatic harmony, survey and analysis of musical styles, and period techniques. Through four-part writing and analysis of diatonic and chromatic chords, the course includes an introduction to chromatic harmony; secondary/applied chords; modulation; borrowed chords; chromatic pre-dominants; chromatic embellishing chords; as well as chromatic third relationships. Music majors are required to take MUSC 020C concurrently with this course. Non-majors are encouraged but not required to take MUSC 020C concurrent with this course. Concurrent enrollment in MUSC 31A/B Beginning Piano is strongly encouraged for all students.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: MUSC 003B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: MUS 140 - Music Theory III
MUSC 005: Music Theory Level 4
MUSC 004B: Music Theory Level 4
This course incorporates the concepts from MUSC004A Music Theory Level 3. Through writing and analysis, the course includes post-Romantic techniques such as non-functional harmony; 9th, 11th, and 13th chords; quartal and quintal structures; and planning. It also presents 20th century techniques such as secundal and cluster structures, modality, bi-modality, tone rows, serialism, set theory, pandiatonicism, and polytonalism. Advanced rhythmic applications are also incorporated. Music majors are required to take MUSC 020D concurrent with this course. Non-majors are encouraged but not required to take MUSC 020D concurrent with this course. Concurrent enrollment in MUSC 031 A/B Intermediate Piano is strongly encouraged for all students.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: MUSC 004A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: MUS 150 - Music Theory IV MUS 155 - Musicianship IV

MUSC 005: Fundamentals of Music
This course is designed for the student who seeks to acquire beginning basic skills in music theory. No knowledge of music or music theory is required. The course covers: basic music notation, rhythm and meter, scales, key signatures, intervals and inversions, triads, seventh chords, inversions of chords, and basic music analysis. This is not a course required for music majors.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: MUS 110 - Music Fundamentals

MUSC 006: Introduction to Music Education
This course covers the basics of teaching music in the public schools. Students have the opportunity to learn pedagogical methods, classroom management, and lesson planning. Students develop and deliver lessons in practice teaching situations.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 24 – 27, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: C. Humanities

MUSC 007: Film Music Appreciation
This course explores film music appreciation. The evolution of film music is traced from early film to present day movies. The course surveys how music is used to support animation and trailers. Notable film composers and their relationships with film directors are covered.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

MUSC 009: Jazz Music History
This course covers the origination and evolution of jazz music in the U.S. It includes the stylistic developments and differences, focusing on major composers and performers throughout its history.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

MUSC 010: Music Appreciation
This is an introductory course for students without previous training in music. Students have the opportunity to develop an enjoyment and appreciation through active and guided listening to such musical forms as symphony, opera, tone poems, ballet, and concerto from early times to the present. This course is suitable for both music majors and non-majors.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: MUS 100 - Music Appreciation
MUSC 020A: Musicianship Level 1

Required for music majors, this course is a laboratory in ear training and sight-singing and must be taken concurrently with MUSC 003A. This class provides a systematic training in the ability to hear music elements of melody, harmony, and rhythm, and to perform melodic, harmonic and rhythmic elements, dictation and analysis.

Letter Grade, Pass/No Pass

Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 005
Additional Requisite Information:
Music majors are required to take MUSC 003A concurrent with this course. Non-majors are encouraged but not required to take MUSC 003A concurrent with this course.
Concurrent enrollment in MUSC 030A/B Beginning Piano or 031A/B Intermediate Piano is strongly encouraged for all students.
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: MUS 125 - Musicianship I

MUSC 020B: Musicianship Level 2

Highly recommended for music majors, this course focuses on ear training and sight-singing correlated with MUSC 003B. This class provides supplementary systematic training in the ability to hear music elements of melody, harmony and rhythm, and to perform melodic, harmonic and rhythmic elements.

Letter Grade, Pass/No Pass

Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 020A
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: MUS 135 - Musicianship II

MUSC 020C: Musicianship Level 3

Required for music majors, this course is a laboratory in ear training, dictation and sight-singing correlated with MUSC 004A. This class provides systematic training in the ability to hear, analyze, and perform music elements of melody, harmony, and rhythm. Music majors are required to take MUSC 004A concurrent with this course. Non-majors are encouraged but not required to take MUSC 004A concurrent with this course. Concurrent enrollment in MUSC 031B Intermediate Piano is strongly encouraged for all students.

Letter Grade, Pass/No Pass

Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: MUSC 020B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: MUS 145 - Musicianship III

MUSC 020D: Musicianship Level 4

For music majors, this course focuses on ear training and sight-singing correlated with MUSC 004B, Music Theory Level 4. This class provides systematic training in the ability to hear, identify, and perform music elements of melody, harmony, and rhythm. Music majors are highly recommended to take MUSC 004B concurrent with this course. Non-majors are encouraged but not required to take MUSC 004B concurrent with this course. Concurrent enrollment in MUSC 031B Intermediate Piano is strongly encouraged.

Letter Grade, Pass/No Pass

Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: MUSC 020C
Co-Requisites: None
Advisory: None
Transfer to both UC and CSU
WVC GE: C. Humanities
C-ID: MUS 155 - Musicianship IV

MUSC 026: Techniques of Jazz-Rock Guitar

Students have the opportunity to study, analyze, and perform chord progressions, chord substitutions, scales and modes, guitar picking, improvising, position playing, and chord-solo playing in this intermediate to advanced study of guitar technique. A reasonable proficiency at playing the guitar (basic understanding of the fingerboard) is recommended.

Letter Grade

Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information:
Advisory: Prior experience playing the Guitar is strongly suggested
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 027: Introduction to Jazz Piano

This course is a study of basic harmonies and voicings at the keyboard as applied to jazz and “popular music.” Included is in-depth analysis of chord progressions, substitutions, “comping” techniques, and solo improvisational playing. Previous piano experience is strongly suggested.

Letter Grade

Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information:
Previous piano experience is strongly suggested
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 030A: Beginning Piano, Level 1

This is the first course of four in the piano series, designed for students with no previous training in piano. Study includes note reading, basic technique, major and minor five finger patterns, major scales, sight reading, and basic chord progressions, as they are encountered in beginning piano music.

Letter Grade

Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: MUS 170 - Piano I
MUSC 030B: Beginning Piano, Level 2
This is the second course of four in the piano series. In this course students have the opportunity to refine and further develop beginning keyboard skills learned in MUSC 030A. Piano technique, major scales and arpeggios, sight-reading, chord progressions, and harmonization and transposition skills are encountered in beginning to intermediate piano music, equivalent to Bartok's Mikrokosmos Book 1, Part 2.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: MUSC 030A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: MUS 171 - Piano II

MUSC 031A: Intermediate Piano Level 3
This is the third course of four in the piano series. In this course students have the opportunity to refine and further develop beginning to intermediate keyboard skills learned in MUSC 030B. Piano technique, major and minor scales and arpeggios, sight-reading, expanded chord progressions, and harmonization and transposition skills are explored in intermediate piano music, equivalent to Bartok's Mikrokosmos, Book 2, Part 1.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: MUSC 030B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: MUS 172 - Piano III

MUSC 031B: Intermediate Piano Level 4
This is the last course of four in the piano series. In this course students have the opportunity to refine and further develop beginning to intermediate keyboard skills learned in MUSC 031A. Piano technique, major and minor scales and arpeggios, sight-reading, expanded chord progressions, and harmonization and transposition skills are developed in intermediate piano music, equivalent to Bartok's Mikrokosmos, Book 2, Part 2.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: MUSC 031A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: MUS 173 - Piano IV

MUSC 032A: Beginning Voice, Level 1
This course is the first in a series of courses designed to give all students, including music and musical theater majors, the opportunity to improve the singing voice and develop the ability to sing confidently in front of others. The fundamentals of healthy vocal production are reviewed and reinforced in warm-ups, group singing, and solo performance. Individual vocal problems are diagnosed and exercises are given to help strengthen and improve the voice. Students have the opportunity to interpret and perform literature from classical art song and the Golden Age of musical theater.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 032B: Beginning Voice, Level 2
This course is the second in a series of courses designed to give all students, including music and musical theater majors, the opportunity to improve the singing voice and develop the ability to sing confidently in front of others.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: MUSC 032A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 033A: Intermediate Voice, Level 3
This third in a series of courses is designed for all students, including music and musical theater majors, to improve the singing voice and develop the ability to sing confidently in front of others. Students are assessed on the fundamentals of healthy vocal production: proper posture and breath to sing; tone production; diction; expression; and music notation reading skills. Individual vocal problems are diagnosed and exercises are given to help strengthen and improve the voice. Students have the opportunity to sing together and individually in class. Students also have the opportunity to interpret and perform literature from many vocal genres including contemporary musical theater repertoire.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: MUSC 032B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 033B: Intermediate Voice, Level 4
This last in this series of courses is designed for all students, including music and musical theater majors, to improve the singing voice and develop the ability to sing confidently in front of others. Topics include the fundamentals of healthy vocal production: proper posture and breath to sing; tone production; diction; expression; and music notation reading skills. Individual vocal problems are assessed and exercises are given to help strengthen and improve the voice. Students have the opportunity to sing together and individually for class. Students also have the opportunity to interpret and perform literature from many vocal genres including jazz.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: MUSC 033A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
MUSC 035A: Diction for Singers: Italian, English & Latin
This course explores the study of singing diction in Italian, English and Latin using the International Phonetic Alphabet (IPA) in spoken, sung, and written drills. A combination of theoretical and applied techniques consisting of sung, aural, spoken, and written exercises, are used to assist and assess students.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Advisory: None
Transferable to both UC and CSU

MUSC 035B: Diction for Singers: German, French & Spanish
This course explores the study of singing diction in German, French and Spanish using the International Phonetic Alphabet (IPA) in spoken, sung, and written drills. A combination of theoretical and applied techniques consisting of sung, aural, spoken, and written exercises, are used to assist and assess students.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Advisory: None
Transferable to both UC and CSU

MUSC 036A: Beginning Guitar - Level 1
This course is a beginning course in guitar. Emphasis is placed on music reading, playing in first position, scales, chords and major and minor keys.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 036B: Beginning/Intermediate Guitar - Level 2
This beginning-intermediate level course emphasizes the development of extended guitar techniques, reading music, and playing in first through third position. The course is a continuation of MUSC 036A, focusing on training in the classical guitar tradition using methods of a variety of 18th and 19th century guitarists. The class addresses various techniques including arpeggios, slurs, and barre chords.
Pass/No Pass, Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 036A
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 036C: Intermediate Guitar - Level 3
This intermediate level course emphasizes the development of extended guitar techniques, reading music, and playing in first through 7th position. The course is a continuation MUSC 036B, focusing on training in the classical guitar tradition using methods of a variety of 18th and 19th century guitarists. The class provides opportunities for public performances on campus.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Advisory: MUSC 036B
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 036D: Intermediate/Advanced Guitar - Level 4
This intermediate-advanced level course emphasizes reading music at sight and playing in all positions of the guitar. The course is a continuation MUSC 036C, focusing on training in the classical guitar tradition and addressing skills and techniques including arpeggios, tremolo, and artificial harmonics. The course requires public performances on campus and/or in the community.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Advisory: MUSC 036C
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 039A: Applied Music: Brass
This course, intended for music majors, focuses on the individualized study of techniques and repertoire for brass performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: MUSC 048 or MUSC 049
Advisory: None
Additional Requisite Information: Prerequisite: Audition to demonstrate collegiate level achievement on a brass instrument
Transferable to both UC and CSU
C-ID: MUS 160 - Applied Music

MUSC 039B: Applied Music: Woodwind
This course, intended for music majors, focuses on the individualized study of technique and repertoire for woodwind performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: MUSC 048 or MUSC 049
Advisory: None
Additional Requisite Information: Prerequisite: Audition to demonstrate collegiate level achievement on a woodwind instrument
Transferable to both UC and CSU
C-ID: MUS 160 - Applied Music
MUSC 039C: Applied Music: Strings
This course, intended for music majors, focuses on the individualized study of technique and repertoire for string performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: MUSC 048 or MUSC 042 or MUSC 049
Advisory: None
Additional Requisite Information:
Prerequisite: Audition to demonstrate college-level achievement on a string instrument
Transferable to both UC and CSU
C-ID: MUSC 039C - Applied Music

MUSC 039D: Applied Music: Percussion
This course, intended for music majors, focuses on the individualized study of techniques and repertoire for percussion. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: MUSC 048 or MUSC 049 or MUSC 042
Advisory: None
Additional Requisite Information:
Prerequisite: Audition to demonstrate collegiate level achievement on a percussion instrument
Transferable to both UC and CSU
C-ID: MUSC 039D - Applied Music

MUSC 039E: Applied Music: Piano
This course, intended for music majors, focuses on the individualized study of techniques and repertoire for piano. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: MUSC 042 or MUSC 048 or MUSC 049
Advisory: None
Additional Requisite Information:
Prerequisite: Audition to demonstrate collegiate level achievement on piano
Transferable to both UC and CSU
C-ID: MUSC 039E - Applied Music

MUSC 039F: Applied Music: Guitar
This course, intended for music majors, focuses on the individualized study of techniques and repertoire for guitar performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: MUSC 042 or MUSC 049
Advisory: None
Additional Requisite Information:
Prerequisite: Audition to demonstrate collegiate level achievement on guitar
Transferable to both UC and CSU
C-ID: MUSC 039F - Applied Music

MUSC 039G: Applied Music: Voice
This course, intended for music majors, focuses on the individualized study of techniques and repertoire for vocal performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: MUSC 042
Advisory: None
Additional Requisite Information:
Prerequisite: Audition to demonstrate collegiate level achievement in vocal performance
Transferable to both UC and CSU
C-ID: MUSC 039G - Applied Music

MUSC 039H: Applied Music: Commercial Music Production
This course, intended for the Music Department Career Technical Education Programs at West Valley College, focuses on the individualized study and development of music production techniques. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the development of music production for commercial purposes. Achievement is evaluated through a presentation of original music production before a jury of commercial music faculty.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information:
Prerequisite: Audition to demonstrate collegiate level achievement in music production
Transferable to both UC and CSU
C-ID: MUSC 039H - Applied Music
MUSC 040: Chamber Singers
This course focuses on the study, rehearsal, and public performance of chamber choir literature, with an emphasis on the development of independence in ensemble singing. Different literature is studied each semester. Non-majors are welcome. Audition is required.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 042
Additional Requisite Information: Audition required
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 042: Concert Choir
This course focuses on the study, rehearsal, and public performance of choral music literature, with an emphasis on the development of skills necessary to sing in a large ensemble. Study includes development of music reading skills, the building of technical skills, the creation of a beautiful tone, aesthetic awareness, and responsible rehearsal habits in a large ensemble. Audition is required.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information: Prerequisite: Audition is required
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: MUS 180 - Major Ensemble

MUSC 043A: Introduction to Jazz Improvisation
This course is the first in a two part study of jazz harmony, melody, and rhythm found in contemporary jazz music. It is designed to provide knowledge of basic materials and practices necessary for improvising in the jazz idiom. Prior experience in jazz performance is suggested.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 24 – 27, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 009 or MUSC 026 or MUSC 027 or MUSC 051 or MUSC 061
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 043B: Jazz Improvisation
This course is the second in a two-part sequence, addressing jazz improvisation through guided performance practices. Students have the opportunity to achieve the skills necessary to create music with self-expression in advanced jazz styles.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 24 – 27, Lab Hours: 24 – 27
Prerequisites: MUSC 043A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 044A: Musical Theater & Opera Scenes: Comic Opera
This course provides students the opportunity to apply vocal and theatrical skills necessary for a staged performance in the opera and musical theater genres. Literature focuses primarily on comic opera though other genres may be included in performance. Audition required.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 033A, THEA 040A or MUSC 033B, THEA 040A
Transferable to both UC and CSU

MUSC 044B: Musical Theater & Opera Scenes: Verismo Opera
This course provides students the opportunity to apply vocal and theatrical skills necessary for a staged performance in the opera and musical theater genres. Literature focuses primarily on verismo opera though other genres may be included in performance. Audition required.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 033A, THEA 040A or MUSC 033B, THEA 040A
Transferable to both UC and CSU

MUSC 044C: Musical Theater & Opera Scenes: Mid-20th Century Musicals
This course provides students the opportunity to apply vocal and theatrical skills necessary for a staged performance in the opera and musical theater genres. Literature focuses primarily on musicals of the mid-20th Century though other genres may be included in performance. Audition required.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 033A, THEA 040A or MUSC 033B, THEA 040A
Transferable to both UC and CSU

MUSC 044D: Musical Theater & Opera Scenes: Modern Musicals
This course provides students the opportunity to apply vocal and theatrical skills necessary for a staged performance in the opera and musical theater genres. Literature focuses primarily on modern musical theater though other genres may be included in performance. Audition required.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 033A, THEA 040A or MUSC 033B, THEA 040A
Transferable to both UC and CSU
MUSC 048: Symphony Orchestra
This course focuses upon the study, rehearsal, and public performance of orchestral literature, with an emphasis on the development of skills needed to perform within a large ensemble. Different literature is studied each semester. Audition is required.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information: Prerequisite: Audition is required
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: MUS 180 - Major Ensemble

MUSC 049: Symphonic Band
This course is for the study, rehearsal, and public performance of the standard wind band literature, with an emphasis on the development of skills needed to perform within an ensemble. Different literature is studied each semester. Audition is required.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information: Prerequisite: Audition is required
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
C-ID: MUS 180 - Major Ensemble

MUSC 051: Jazz Band
This course focuses on the study, rehearsal, and public performance of standard jazz band literature, with an emphasis on the development of improvisation skills and ensemble playing. Different literature is studied each semester. Non-majors are welcome. Audition is required.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information: Prerequisite: Audition is required
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 052A: Jazz Combo: Early
This course focuses on small group playing in the jazz idiom. Students have the opportunity to perform early styles of jazz. Each combo is expected to perform in public, either on or off-campus.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 051 or MUSC 061
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 052B: Jazz Combo: Swing
This course focuses on small group playing in the jazz idiom. Students have the opportunity to concentrate on the performance of swing. Each combo is expected to perform in public, either on or off-campus.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 051 or MUSC 061
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 052C: Jazz Combo: Bebop
This course focuses on small group playing in the jazz idiom. Students have the opportunity to perform bebop. Each combo is expected to perform in public, either on or off-campus.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 051 or MUSC 061
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 052D: Jazz Combo: Fusion
This course focuses on small group playing in the jazz idiom. Students have the opportunity to perform jazz fusion. Each combo is expected to perform in public, either on or off-campus.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 051 or MUSC 061
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 053A: Chamber Music: Early
This course provides students the opportunity to perform in small and diverse instrumental and/or vocal chamber ensembles. The literature performed in this class is primarily from the early eras of music history (Medieval, Renaissance, Baroque).
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 051 or MUSC 061
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 053B: Jazz Combo: Swing
This course focuses on small group playing in the jazz idiom. Students have the opportunity to concentrate on the performance of swing. Each combo is expected to perform in public, either on or off-campus.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 051 or MUSC 061
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 053C: Jazz Combo: Bebop
This course focuses on small group playing in the jazz idiom. Students have the opportunity to perform bebop. Each combo is expected to perform in public, either on or off-campus.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 051 or MUSC 061
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 053D: Jazz Combo: Fusion
This course focuses on small group playing in the jazz idiom. Students have the opportunity to perform jazz fusion. Each combo is expected to perform in public, either on or off-campus.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 051 or MUSC 061
Transferable to both UC and CSU
WVC GE: C. Humanities
MUSC 053B: Chamber Music: Classical
This course provides students the opportunity to perform in small and diverse instrumental and/or vocal chamber ensembles. The literature performed in this class is primarily from the classical eras of music history (Classical, Romantic).
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 042 or MUSC 048 or MUSC 049
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 053C: Chamber Music: Modern
This course provides students the opportunity to perform in small and diverse instrumental and/or vocal chamber ensembles. The literature performed in this class is primarily from the modern eras of music history (Impressionism, 20th Century, 21st Century).
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 042 or MUSC 048 or MUSC 049
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 053D: Chamber Music: World
This course provides students the opportunity to perform in small and diverse instrumental and/or vocal chamber ensembles. The literature performed in this class is primarily from non-Western cultures.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 042 or MUSC 048 or MUSC 049
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 054: History of Rock and Roll Music
This course covers the history of Rock and Roll music from its inception in the mid 40's through the punk movement of the late 70's and beyond. This course examines the relationship between music, musicians, and society during this period.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

MUSC 055: World Music
World Music covers the developments in music from a non-Western perspective and the influence of various cultures, including African, South American, and Caribbean, on the music of today. Course materials are selected from specific styles of folk, popular and art music, which are examined through the study of: the convergence of African, Native, and European elements, the effects of the 20th century developments such as technology and mass media, and the outgrowth of contemporary artistic thought and aesthetics.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities F. Cultural Diversity
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

MUSC 056: Percussion Ensemble
Percussion Ensemble is a select group of musicians who engage in the performance of percussion performance literature. The repertoire ranges from classical transcriptions to contemporary jazz and world music. Rehearsals focus on individual preparation of assigned repertoire, group cohesiveness and interpretation. Membership is open to all qualified students of the college.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information:
Prerequisite: Audition and permission of instructor
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 057: History and Culture of Hip-Hop
This course presents the development of hip-hop as a musical style and cultural movement. Students have the opportunity to examine key figures in hip-hop, institutions, and social settings through readings, electronic media, videos, and hands-on projects. Students also have the opportunity investigate how hip-hop culture is not only a source of entertainment, but also a medium that provides commentary regarding social, economic, political and cultural issues dealing with identity, cultural genocide, misogyny, racism, class-ism, materialism, freedom of speech and sexuality.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
MUSC 061: Jazz Singers
This course focuses on the study, rehearsal, and public performance of jazz choir literature, with an emphasis on the development of independence in solo and ensemble singing. Different literature is studied each semester. Non-majors are welcome. Audition is required.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 009
Additional Requisite Information:
Prerequisite: Audition required
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 062A: Solo Performance in Jazz and Popular Music
Students have the opportunity to study and perform songs in the popular and jazz idioms. Proper vocal or instrumental technique, stage presence, phrasing and styling, and the use of microphone are explored.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 063A: Introduction To Music Production
This is a project based course providing specific training in Digital Audio Workstation audio and music production. The course covers MIDI, digital audio, computer-based sequencing, signal processing, recording, and score editing with computer-related instruments in an industry-standard Digital Audio Workstation environment of either Logic Pro or ProTools.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: C. Humanities

MUSC 063B: Commercial Music Production
This is a project based course providing advanced training in MIDI programming and editing techniques. The course covers advanced DAW sequencing, signal processing, and recording in an industry-specific DAW environment of either Logic Pro or ProTools.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 063A
Transferable to CSU only
WVC GE: C. Humanities

MUSC 064: Sound Design
This course is an introductory survey of sound types, techniques and the methods of their application for appropriate accompaniment to computer animation and multi-media presentations.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: C. Humanities

MUSC 065A: Recording Arts I
This is the first of a 2-part series of recording arts classes. It is an introductory class to the audio recording arts, covering basic recording studio skills including analog audio theory, signal flow, gain staging, microphones, mic placement, and tracking. Students have the opportunity to gain hands on experience recording, editing, mixing, and mastering audio. Upon completion, students will have basic knowledge of applied audio concepts, production workflow, equipment functions, and audio editing software.
Letter Grade, Satisfactory Progress
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: C. Humanities

MUSC 065B: Recording Arts II
This is the second of a 2-part series of recording arts classes. MUSC 065B is an intermediate class in the audio recording arts, covering multi-track recording and overdubbing, outboard and on-board signal processing, use of patch bays, mixing, automation, and commercial music production.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 065A
Transferable to CSU only
WVC GE: C. Humanities

MUSC 065C: Audio Mixing & Production
This advanced recording arts course focuses on the art of mixing, signal processing, comp tracks and mastering. Students have the opportunity to prepare a multi-track recording for mixing, learn to level and balance tracks, choose and apply effects, and bounce a file in the proper format to achieve a final product.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: MUSC 065B
Transferable to CSU only
WVC GE: C. Humanities
MUSC 066: Digital Audio and Notation
This course focuses on the basics of MIDI, music notation, the digital audio workstation, and digital audio terminology using industry standard technology. This course is required for the AA in Music and the Creating Music for Film, TV and Gaming Certificate.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: C. Humanities

MUSC 067A: Creating Music for Film, TV, and Gaming: Foundations
This course is for music producers, creators, and songwriters. Using tools of the modern music studio, this course provides an introductory level of creating commercial music for TV, film, and gaming. Topics include creating music for an advertising spot, corporate video music, designing a cue, media songwriting, linear and layering scoring techniques, and the business relationship with clients.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 067B: Creating Music for Film, TV and Gaming: Techniques
This course is for music producers, music creators and songwriters. Students have an opportunity to utilize tools of the modern music studio and create music for varied media genres. Topics include creating a session template, the spotting session, cue sheets, stem deliveries, designing longer cues, media songwriting, layering scoring techniques, and systems for organizing studio production.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

MUSC 069A: Songwriting, Level 1
This course offers the commercial music student the opportunity to acquire basic skills in commercial music theory, specifically in preparation for MUSC 069B Songwriting, Level 2. No prior knowledge of music or music theory is required. This course explores basic music notation, rhythm and meter, scales, key signatures, intervals and inversions, triads, inversions of chords, and simple harmonic analysis.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: C. Humanities

MUSC 069B: Songwriting, Level 2
This course explores the process of songwriting. Songs are analyzed for chord structure, form, rhythm, melody, harmony, and lyrics. Original compositions and performances are expected from all students.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: MUSC 069A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: CMUS 150 X - Songwriting

MUSC 070: Music Business
This course presents an overview of the business and legal aspects of the music industry. Topics include: record contracts, publishing, licensing, distribution, and copyright. In addition, the duties and responsibilities of producers, agents, managers, promoters, and performing artists are examined.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

NUTRITION STUDIES
NUTR 015: Human Nutrition
This course discusses the basic scientific principles as they apply to human nutrition in maintaining health and preventing disease. Course material concentrates on the nutrient requirements of the human body throughout life. The course examines the biochemical functions and interrelationships of nutrients as well as the current nutritional controversies. Students have the opportunity to gain practical experience in evaluating nutritional data by completing a self-study project. This course is designed for the student who has no science background.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences E. Lifelong Understanding and Development
CSU GE: Area E - Lifelong Learning and Self Development
C-ID: NUTR 110 - Introduction to Nutrition Science
NUTR 020: World Food Customs and Nutrition
This course considers food as a source of nutrients as well as an integral part of people's cultures. As such, the course examines food intake patterns, food customs, and nutritional status of people from various racial, regional, and religious backgrounds of the world from an evolutionary and ecological perspective. Other topics include the exploration of contemporary health problems related to food and nutrition, and the discussion of different approaches to dealing with these challenges through community development and other intervention strategies.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: F. Cultural Diversity

NUTR 022: Sports Nutrition
This course is designed specifically for the fitness specialist or enthusiast who wants a basic understanding of nutritional principles as they relate to exercise and sports. Emphasis is placed on understanding the role of nutrients in physical performance. Body composition, precompetition meals and the efficiency of ergogenic aids are also discussed.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities E. Lifelong Understanding and Development

OCEANOGRAPHY
OCEA 010: Introduction to Oceanography
This course presents some of the more important phenomena of oceanography with emphasis on seafloor plate tectonics, marine geology, ocean chemistry, ocean physics, and marine ecology. The laboratory section complements the lecture with hands-on experience through lab exercises, demonstrations, and field trips.
Pass/No Pass, Letter Grade
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical Sciences Area 5 - Physical and Biological Sciences: 5C – Laboratory

PARALEGAL
PARA 018: Legal Analysis
This course covers how to analyze primary sources of law, including enacted law and court opinions. It focuses on the requirements of the law and applying these requirements to a client's facts.
Letter Grade
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU only

PARA 019: Introduction to Paralegal Studies
This is an introductory course emphasizing the nature and regulation of the paralegal profession including essential job skills. The curriculum also covers the structure and functions of the federal and state legal systems.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 021: Introduction to American Law
This course provides an overview of major substantive areas of American Law including contracts, constitutional law, corporations, criminal law, family law, property, wills and estates, and personal injury law.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 022: Civil Litigation Procedures
This course teaches advanced law office procedures for handling a civil lawsuit, including interviewing and investigative procedures and the procedural steps taken to prepare a civil litigation case. This course provides students with the opportunity to engage in practical exercises consisting of the drafting of pleadings and accompanying documents.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: PARA 019
Co-Requisites: None
Advisory: PARA 065B
Transferable to CSU only

PARA 022A: Pre-trial Procedures
This course provides an in-depth and hands-on study of the pre-trial process. The course covers the discovery process, settlement, pre-trial motions, trial preparation, and case management.
Letter Grade
Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: PARA 022
Co-Requisites: None
Advisory: None
Transferable to CSU only
PARA 022B: Post Trial Procedures
This course covers post trial procedures including lien filings, attachment and collection.
Letter Grade
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 023: Legal Research and Writing
This course provides an in-depth study of the skills required by the paralegal to do legal research. The primary emphasis of the course is on how to find statutes and case law applicable to a legal issue. The course also covers analytical skills needed to create a research plan and to communicate research results.
Letter Grade
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: PARA 068, PARA 019, PARA 018
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 024A: Writing for Law Practice
This course covers the drafting of law office communications, both hard-copy and email. Topics covered include legal memoranda, persuasive writing, in-house documents, and correspondence. The emphasis is on improving writing, editing, formatting, and communication skills.
Letter Grade
Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: PARA 019, PARA 018
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 025: Legal Ethics and Professional Responsibility
This course provides an in-depth study of the ethical rules and regulations that govern all personnel in the legal profession.
Letter Grade
Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 027: Corporate Law
This course offers an overview of the substantive law regarding corporations and other business entities. The course also provides an introduction to the requirements for compliance with regulations of the SEC and various state agencies as well as tax issues as they relate to different business entities.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 029A: Paralegal Employment Preparation
This course focuses on job hunting techniques for obtaining paralegal employment and the skills needed to survive and thrive as a paralegal.
Pass/No Pass
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 029B: Paralegal Internship
The internship provides students with the opportunity to apply knowledge and skills learned in the program in a private or corporate office or a government agency while working under the supervision of a member of the California State Bar or a Patent Agent. This course requires 120 unpaid or 150 paid internship hours.
Pass/No Pass
Units: 2
Lecture Hours: 0, Lab Hours: 0
Prerequisites: PARA 022, PARA 023, PARA 065B, PARA 029A, PARA 025
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 030: Business Contract Law
This course introduces the student to the fundamentals of contract law. The student is introduced to issues of contract formation, breach of contract, and contractual remedies. The course also provides the opportunity to gain experience in the drafting of agreements.
Letter Grade
Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 032: Family Law
This course covers the laws and procedure for marital dissolution, annulment, legal separation as well as custody and support disputes. Students have the opportunity to prepare various family law documents including petitions, applications and declarations.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 035A: Practical Procedures for Probate
This course covers the procedures and forms required to process a will through probate.
Letter Grade
Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
PARA 036: Will Drafting and Basic Estate Planning
This course introduces basic will drafting and estate planning procedures. Other topics include the terminology, statutes, and case law applicable to this area of law as well as will drafting and other documents related to dispositions of property.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 037: Intellectual Property Law
This course introduces the student to the law of copyright, patent, trademark and trade secrets. It provides an overview study of procedural and substantive laws involved in intellectual property with extended review of copyright and trade secret law.

Letter Grade
Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 042: Criminal Trial Techniques for the Paralegal
This course provides an in-depth study of the various laws and issues used in the prosecution and defense of a client during a criminal procedure in the court system. This course also covers the role of the paralegal at various stages of these proceedings.

Letter Grade
Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 043: Law Office Management
This course is designed to introduce the student to the composition of, and the functions performed in, a law office on a day-to-day basis. It includes an in-depth review of various time keeping, accounting, and records management systems. In addition, it explores the use of various types of computers and other business machines found in a law office and the different types of software that are utilized.

Letter Grade
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 065B: Microsoft Word for the Law Office
This course covers the preparation of legal documents, such as contracts, wills, and pleadings, using Microsoft Word features that apply to the law office.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 068: Computer Assisted Legal Research
This course covers the basic skills needed to do effective legal research online using either the Internet or a fee-based legal research service, such as Westlaw or LEXIS.

Pass/No Pass
Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: PARA 019
Transferable to CSU only

PARA 070: Employment Law
This course introduces the student to the major substantive areas of employment law, including employment discrimination, wage and hour regulations, wrongful discharge, family and medical leave, employee privacy rights, and safety regulations.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 076: Immigration and Naturalization Law for Paralegals
This course provides an overview of Immigration and Naturalization laws, with emphasis on the history of immigration in the United States. Curriculum also covers the evolution of laws and policies towards aliens, and the interfacing of the administrative agencies responsible for enforcing the law.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 077: Elder Law for Paralegals
This course introduces students to the elder law issues of estate planning, Medicare, Social Security, and guardianship.

Letter Grade
Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
PARA 083C: Patent Administration for Paralegals
The course introduces the patent administration process. It provides a step-by-step approach to the role paralegals play in the administration of patents.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 090: Legal Technology
This course provides students with hands-on experience using a variety of the most widely used legal software.
Letter Grade, Pass/No Pass
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARA 092: Trademark Prosecution
This class provides an in-depth review of the legal framework of trademarks and hands-on experience with trademark prosecution.
Letter Grade
Units: 1.5
Lecture Hours: 24 – 27, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PARK MANAGEMENT

PMGT 010: Introduction to Park Management
This course provides an introduction to public land management and the history of environmental thought to the creation of the world's first protected public parks and forests. The student has the opportunity to explore how the social, economic, political, cultural, and religious influences led to the creation of our national parks. The course invites students to discover the variety of city, county, state, regional open space, and federal land management agencies, their missions, employment opportunities and current issues.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

WVC GE: F. Cultural Diversity

PMGT 011: Park Communications
This specialized course explores techniques for improving communication skills with the public, colleagues, and other agencies and organizations. Emphasis is placed on developing strong interpersonal, oral, and written communication skills within the context of natural and cultural resource agencies.
Letter Grade
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PMGT 012A: Basic Outdoor Skills
This course introduces the student to those skills necessary to camp and backpack using environmentally sensitive methods. Topics include equipment selection and use, wilderness medicine, navigation, planning and those skills necessary for the backcountry traveler. Field trips will be completed based on the current health and safety requirements at the time of the trips.
Letter Grade
Units: 2
Lecture Hours: 16 – 18, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PMGT 012B: Backcountry Technical Rescue
This course provides students the opportunity to develop basic skills necessary to rock climb and perform a basic rescue. Skills taught include how to use climbing and rescue equipment, establishing anchors, rock climbing, rappelling, and rope rescue. This course follows State Fire Marshall's L.A.R.R.O. training curriculum with additional content relating to backcountry/wilderness settings.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PMGT 012C: Advanced Outdoor Skills and Survival
This course is designed to advance existing basic outdoor skills typical of those needed by public and private land stewards and backcountry travelers working or recreating in underdeveloped and remote settings. Emphasis is on self-survival skills including: building shelter, staying warm, finding water, tracking, working in adverse weather conditions, making independent critical decisions, and participating in teamwork.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: PMGT 012A
Transferable to CSU only
PMGT 013: Wildland Fire Suppression
This course provides the training necessary to qualify for the federal inter-agency "RED" card for wildland firefighter. Topics covered include ignition, behavior, and spread of forest fires, influence and role of topography and fuels, philosophy behind prescribed fire, fire suppression equipment, methods of fire prevention and suppression, Incident Command System, and the national wildland fire control organizations.
Letter Grade
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PMGT 014: Conservation of Our Natural Resources
This course emphasizes the conservation of our natural resources from the view of conservation problems by considering the history of human populations in the relation to natural resources, their present predicament, and their future outlook. This course also covers conservation as it pertains to water, timber, wildlife, soil, and air.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
WVC GE: B. Natural Sciences

PMGT 015A: Duties of the Park Professional
This course addresses contemporary topics and issues pertinent to the operation and management of public lands. This is accomplished through direct contact with public land professionals. The topics discussed include but are not limited to: Ranger Operations, Visitor Services, Maintenance Operations, Research and Resource Management and Administration.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PMGT 015B: Natural and Cultural Resource Interpretation
This course provides students with the opportunity to increase confidence in their public speaking abilities as they explore the interpretive approach to communication. In this hands-on learning environment, students gain the knowledge and skills necessary to develop and conduct guided walks, children's programs and campfire presentations. Students have opportunities to learn the fundamentals of creating interpretive media such as brochures, displays, and exhibits. Field trips and professional presentations provide students with exemplary interpretive experiences.
Letter Grade
Units: 3
Lecture Hours: 32 – 36, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PMGT 015C: Introduction to Park Maintenance
This course is an introduction to park maintenance skills and management. Students have opportunities to learn basic skills in the following subjects: carpentry, plumbing, electrical, concrete, painting, and drywall construction. Other topics include selecting materials, tool use and application, project planning, and interpreting plans. Students also have opportunities to learn how to integrate safety into park maintenance operations and learn the basic principles and methods of managing a park maintenance operation.
Letter Grade
Units: 3
Lecture Hours: 16 – 18, Lab Hours: 96 – 108
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PMGT 017: Basic Horticulture for Parks
This course is designed for students in both park management and other similar disciplines, emphasizing studies in horticulture. This course provides an overview with various aspects of the use of plants and trees in public land management. Additional topics include native plants, invasive plants, plant biology and disease, restoration and sustainable use of plants in the environment.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PMGT 018: Park Planning & Design
This course provides an introduction to park planning and design. Students have opportunities to learn about how to design facilities within a park environment. Other topics include the materials and techniques used for constructing ecologically sound facilities that fit into a specific park environment. Students also have opportunities to learn how to integrate the needs of park visitors with the natural and cultural resources of the park, and learn about environmental assessments needed to plan and design facilities in parks.
Letter Grade
Units: 2
Lecture Hours: 32 – 36, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PMGT 019: Wilderness First Responder
This course provides public land agency personnel, outdoor leaders, guides, and wilderness travelers with the opportunity to gain a thorough understanding of the basic principles of emergency medical care for both urban and wilderness environments. This certification course consists of the Federal DOT First Responder curriculum with modifications and additional protocols to meet the specific needs of emergency medical care in remote environments. Certification upon successful course completion includes W.V.C-PM’s “First Responder” and “Wilderness First Responder” and American Heart Association's "CPR for the Healthcare Provider” or American Red Cross’ “CPR for the Professional Rescuer.”
Letter Grade, Pass/No Pass
Units: 5
Lecture Hours: 72 – 81, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
Courses

PMGT 020A: Employment Preparation
This course is designed to provide students with the requisite experience in the development of resumes, background investigations, digital portfolio and interviewing skills and grant writing.
Letter Grade
Units: 1
Lecture Hours: 16 – 18, Lab Hours: 0
Prerequisites: PMGT 015A, PMGT 015B, PMGT 015C or AVIA 030A, AVIA 030B, AVIA 030C, AVIA 030D or GIST 016A, GIST 016C, GIST 016E
Co-Requisites: PMGT 020B
Advisory: None
Additional Requisite Information:
Prerequisites 15A, 15B, 15C are required for Park Management students
Prerequisites GIST 16A, 16C 16E are required for Geospatial Technology students
Prerequisites: AVIA 30A, 30B, 30C, 30D are required for UAS Technology students
Transferable to CSU only

PMGT 020B: Internship
In this course, students have the opportunity to apply the knowledge and skills acquired in either the Park Management, Geospatial or UAS Technology Programs. The students, supervisor, and faculty agree upon and establish objectives that are to achieve during this practical experience in Park Management, Geospatial or UAS Technology. Students have the opportunity to focus on the benchmarks specific to their discipline of choice. A minimum of 120 unpaid or 150 paid internship hours are required.
Letter Grade
Units: 2
Lecture Hours: 0, Lab Hours: 0
Prerequisites: None
Co-Requisites: PMGT 020A
Advisory: None
Transferable to CSU only

PMGT 021: Park Operations Laboratory
This course in park operations takes place in variety of parks, such as Sanborn/Skyline and Stevens Creek. Students have the opportunity to experience ranger, maintenance, and interpretive specialized instruction from various park and open space personnel while performing projects and tasks.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PMGT 023: Powersaws
This course is designed to meet training requirements to work as a powersaw operator. The cutting techniques and procedures are applicable to most geographic areas of the country. Students have the opportunity to learn powersaw mechanics and basic field maintenance, powersaw operation including brush clearing, limbing, bucking, and basic felling of small trees. Successful students may receive the S-212 Wildfire Powersaws certificate.
Letter Grade, Pass/No Pass
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PMGT 024: Wilderness Navigation
This land navigation course is intended to give the student thorough knowledge and skills in reading and using topographic maps, using the compass, reading and interpreting terrain, and combining the information and skills to navigate in the wilderness. This course also covers the use of Global Positioning System (GPS) receivers and basic desktop computer mapping programs.
Letter Grade
Units: 1
Lecture Hours: 8 – 9, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PMGT 026: Regenerative Agriculture for Parks
This course is designed to introduce students to the topic of Regenerative Agriculture, its benefits to increasing carbon sequestration in the land through modern agricultural techniques, and how it pertains to public lands.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

PHILOSOPHY

PHIL 001: Introduction to Philosophy
This course introduces philosophical ideas and methods concerning knowledge, reality, and values. Expected topics include the sources and limits of knowledge and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, truth, ethics, religion, science, language, beauty and art, political theory, or mind.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
C-ID: PHIL 100 - Introduction to Philosophy

PHIL 002: Introduction to Logic
This course introduces principles of valid reasoning with emphasis on deductive logic. The course includes a study of formal techniques of sentential logic and an examination of language, fallacies, and inductive reasoning.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area A - English Language Communication and Critical Thinking: A3 - Critical Thinking
C-ID: PHIL 110 - Introduction to Logic
PHIL 003: Introduction to Ethics
This course critically analyzes questions of value (what's good and bad) and obligation (what's right and wrong). It explores the ethical systems of Plato, Aristotle, Confucius, Epicurus, Kant, utilitarianism, Sartre, and feminism. These ethical systems are applied to contemporary ethical problems and social issues, such as abortion, capital punishment, feminism, euthanasia, animal rights, and racism. Much of the course is devoted to critical thinking and writing skills. The course requires the student to write a sequence of ethical "position papers," which are evaluated for both qualities of analysis and English composition skills.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ENGL 001A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area A - English Language Communication and Critical Thinking
UC/IGETC GE: Area 1 - English Communication: 1B - Critical Thinking/English Composition
C-ID: PHIL 120 - Introduction to Ethics

PHIL 004: Comparative Religions
This course is an introduction to the critical, comparative study of religion. The student is introduced to the responses offered by the major Western and non-Western religions to perennial problems of human existence. Major topics include: characterization of the religious vs the secular point of view; arguments in favor of the religious stance; arguments in opposition to the religious stance; the relationship of religion to science, ethics, and philosophy; the nature and validity of religious knowledge; the beliefs of major world religions and how these beliefs are expressed; how different religious beliefs affect the culture and history of European, Arabic, and Asian peoples. The religions covered include Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. HumanitiesF. Cultural Diversity
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

PHIL 005: Introduction to Social and Political Philosophy
This course is designed to introduce the student to the major theories in political and social philosophy and their practical application to relevant issues. Topics include the rights of the individual against the rights of the state, examination of the just state, and the effects of political ideologies (liberalism, Fascism and Communism) have on social relations. This course traces the history of these ideas from Plato to the Postmodern.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

PHIL 017: Logic & Critical Reasoning
This course is an introduction to critical thinking and critical writing. The students have the opportunity to learn techniques of practical reasoning and argumentation, with emphasis on the application of these techniques in the writing of a sequence of argumentative essays. Topics include: critical reading, argument analysis, recognizing propaganda and stereotypes, clarifying ambiguity, meaning and definition, evaluating evidence, logical correctness vs factual correctness, and common mistakes in reasoning (formal and informal fallacies). The class emphasizes critical writing strategies. Sample arguments from philosophy and from culturally diverse sources in other disciplines are analyzed.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: ENGL 001A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area A - English Language Communication and Critical Thinking
UC/IGETC GE: Area 1 - English Communication: 1B - Critical Thinking/English Composition

PHIL 021: World Philosophers on Death and the Good Life
This course explores the major philosophical questions about death and what is a meaningful life from a multi-cultural perspective. The effects of class, gender, and ethnicity on conceptions of death and death rituals are analyzed. The following issues are also explored: the possibility of disembodied existence, the nature of consciousness, the nature and significance of individuality and personal identity, concepts of reincarnation or transmigration of souls as these appear in major religious traditions, the nature and significance of so-called "paranormal" experiences, and the meaning of salvation or liberation or transcendence in major religious traditions (concepts of heaven, nirvana, moksa, satori, etc.). This course also examines what is a meaningful way to go towards one's death, and what is the "good life" and therefore a good death. Required readings are taken from classic texts of Western and non-Western philosophy and religion, as well as contemporary American feminist philosophy, and African, aborigine, and native American sources.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. HumanitiesF. Cultural Diversity
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities

PHIL 022: Philosophy of Religion
The course is designed to provide a systematic inquiry into the philosophical foundations of the religious viewpoint. The course examines the relation between faith and reason, the existence of God, the goodness of God considering human and animal suffering, religious experiences, and how religions provide answer to many fundamental questions.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- Humanities
PHYSICAL SCIENCE

PSCI 010: Physical Science Survey
This course takes the student on a tour of physics, chemistry, geology, and astronomy. It introduces major theories and concepts in these four fields and shows the interconnectedness of the many branches of science.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical Sciences

PSCI 020: Weather and Climate
This course is an introduction to the study of the Earth’s atmosphere. The topics covered include atmospheric structure and composition, solar radiation, energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, thunderstorms and tornados, tropical cyclones, weather forecasting, California climate and weather, global climate and weather, and climate change.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical Sciences
C-ID: GEOG 130 - Introduction to Weather and Climate

PHYSICS

PHYS 001: Introduction to Physics Problem Solving
This course is designed specifically to prepare students for Physics 002A or Physics 004A. It covers basic principles/concepts in classical mechanics and introduces problem-solving skills that may be applied to a wide variety of problems.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: MATH 000D or MATH 002
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical Sciences

PHYS 002A: General Physics - Mechanics
This is a trigonometry-based first course in Physics for majors in subjects other than engineering or the physical sciences. The course covers mechanics (motion, forces, torques, energy, momentum, and rotation), thermodynamics, fluid mechanics, and simple harmonic motion. Concepts and problem solving are emphasized.
Letter Grade
Units: 5
Lecture Hours: 64 – 72, Lab Hours: 48 – 54
Prerequisites: PHYS 001
Co-Requisites: None
Advisory: PHYS 001
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical Sciences
C-ID: PHYS 105 - Algebra/Trigonometry-Based Physics A

PHYS 002B: General Physics - Electricity and Magnetism
This is a trigonometry-based course in Physics for majors in subjects other than engineering or the physical sciences. The course covers electricity, magnetism, optics, atomic physics, nuclear physics, special relativity, mechanical waves, and sound. Concepts and problem solving are emphasized.
Letter Grade
Units: 5
Lecture Hours: 64 – 72, Lab Hours: 48 – 54
Prerequisites: PHYS 002A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical Sciences
C-ID: PHYS 110 - Algebra/Trigonometry-Based Physics B

PHYS 004A: Engineering Physics - Mechanics
This is the first semester of a three-semester physics sequence, intended for students majoring in physical sciences and engineering. Mechanics is the first course in the engineering physics series. It covers vectors, kinematics, dynamics, energy, momentum, universal gravity, rotational physics, fluid dynamics, and elasticity.
Letter Grade
Units: 5
Lecture Hours: 64 – 72, Lab Hours: 48 – 54
Prerequisites: MATH 003A
Co-Requisites: None
Advisory: PHYS 001
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1- Physical Sciences
Area B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A- Physical Sciences
C-ID: PHYS 205 - Calculus-Based Physics for Scientists and Engineers: A
PHYS 004B: Engineering Physics - Electricity and Magnetism

This is the second semester of a three-semester physics sequence, intended for students majoring in physical sciences and engineering. Core topics include electrostatics (electric fields, Gauss's Law, electric potential, capacitors and dielectric), magnetism (applications of Ampere's Law, inductance and Faraday's Law of Induction, magnetic properties of matter), DC and AC circuits (direct current, resistance, electromotive force, alternating currents), and Maxwell's equations.

Letter Grade
Units: 5
Lecture Hours: 64 – 72, Lab Hours: 48 – 54
Prerequisites: MATH 003B, PHYS 004A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1 - Physical Sciences
Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A - Physical Sciences
C-ID: PHYS 210 - Calculus-Based Physics for Scientists and Engineers: B

PHYS 004C: Engineering Physics - Light, Heat and Waves

This is the third semester of a three-semester physics sequence, intended for students majoring in physical sciences and engineering. PHYS 004C is composed of topics that, together with PHYS 004A and PHYS 004B constitute all of the topics included in the calculus based physics sequence. Topics to be studied include wave motion, heat, the first and second laws of thermodynamics, the concept of entropy, the nature and propagation of light, the laws of reflection and refraction for plane and spherical waves, interference, diffraction, and modern physics including wave-particle duality, matter waves, and special relativity. Problem solutions using calculus is emphasized.

Letter Grade
Units: 5
Lecture Hours: 64 – 72, Lab Hours: 48 – 54
Prerequisites: PHYS 004A, MATH 003B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1 - Physical Sciences
Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A - Physical Sciences
C-ID: PHYS 215 - Calculus-Based Physics for Scientists and Engineers: C

PHYS 004D: Advanced Topics in Modern Physics

This course explores advanced topics in Modern Physics, emphasizing the fundamental principles of relativity and quantum mechanics. Topics to be covered include Special and General Relativity, the Bohr Atom, Quantum Mechanics, Schrodinger's Equation, the Hydrogen Atom, Nuclear Physics, Particle Physics, Solid-State Physics, and other selected topics in Modern Physics.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: PHYS 004B or PHYS 004C
Co-Requisites: None
Advisory: MATH 004B
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1 - Physical Sciences
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A - Physical Sciences

PHYS 010: Conceptual Introduction to Physics

This course takes a conceptual approach to physics. Topics include mechanics, heat, fluids, solids, waves, electricity, magnetism, light, atomic physics, nuclear physics. A lab is included with the course to experience the phenomena discussed in lecture.

Letter Grade
Units: 4
Lecture Hours: 48 – 54, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: B. Natural Sciences
CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B1 - Physical Sciences
Activity: Lab course used from B1 or B2
UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5A - Physical Sciences

POLI 001: American Government

This course covers the structure and functions of the American national, state and local governments. Emphasis is placed on the development of democratic institutions through historical and contemporary studies. Students have the opportunity to learn what has shaped the United States Constitution, its amendments, and the operation of one's role in a democratic government.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D2 - American History and Institutions
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: POLS 110 - Introduction to American Government and Politics

POLI 001H: Honors American Government

Honors American Government uses the pedagogical methods common to all Honors courses: interdisciplinary, writing- intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course covers the structure and functions of the American national government including consideration of state and local governments. Emphasis is placed on the development of democratic institutions through historical and contemporary studies. With an emphasis on research and analysis, students have the opportunity to apply critical thinking skills and concepts to develop their knowledge of American government.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D2 - American History and Institutions
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: POLS 110 - Introduction to American Government and Politics
POLI 002: Comparative Governments
Political Science 2 explores the government and politics of some of the major world powers as well as developing nations. Structures, functions, and policies are compared with each other and with the U.S. government with particular consideration of contemporary world problems.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: POLS 130 - Introduction to Comparative Government and Politics

POLI 003: Introduction to Political Science
Political Science 003 is an introduction to political theory. The course analyzes the ideological origins of nation-states from direct democracy to totalitarian forms of government.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: POLS 130 - Introduction to Comparative Government and Politics

POLI 003H: Honors Introduction to Political Science
This course is an introduction to political theory analyzing the ideological origins of nation-states from direct democracy to totalitarian forms of government. Honors Introduction to Political Science uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there will be specific focus on analytical writing and exploring the field through reading primary source research.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: POLS 130 - Introduction to Comparative Government and Politics

POLI 004: International Relations
Political Science 004 is a survey of the ways and means by which the contemporary international scene has developed. Topics such as nationalism, imperialism, war, the world economy, the environment, and developing nations are covered as students have the opportunity to gain a fuller understanding of the political, social, and economic relationships among nation-states. Particular emphasis is given to the foreign policies of the U.S. and its relationship to foreign powers.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: POLS 140 - Introduction to International Relations

PSYCHOLOGY

PSYC 001: General Psychology
This course introduces students to general psychology as a behavioral science with an emphasis on the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories and concepts, methods, and research findings in psychology.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: PSY 110 - Introductory Psychology

PSYC 001H: Honors General Psychology
Honors General Psychology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there will be a focus on analytical writing regarding various subsections of the field through reading primary source research. This course introduces students to general psychology as a behavioral science with an emphasis on the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories, concepts, methods, and research findings in psychology, including the biological bases of behavior, perception, cognition, consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders, and therapeutic approaches and applied psychology.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: PSY 110 - Introductory Psychology
PSYC 002: Experimental Psychophysiology

This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology are examined through a review of research from a variety of the sub-disciplines in psychology. In the laboratory students have the opportunity to conduct experimental and non-experimental research in a variety of areas. Data collected from research conducted during laboratory sessions are analyzed with statistical software. In addition, a computerized psychophysiology laboratory is used to introduce students to experiments in which one variable is physiological and the primary focus and theoretical context is behavioral.

Letter Grade

Units: 4

Lecture Hours: 48 – 54, Lab Hours: 48 – 54

Prerequisites: MATH 010, PSYC 001

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B2- Life SciencesArea B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B- Biological SciencesArea 5 - Physical and Biological Sciences: 5C – Laboratory

C-ID: PSY 205 B - Introduction to Research Methods in Psychology (With Lab)

PSYC 002H: Honors Experimental Psychophysiology

Honors Experimental Psychophysiology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing- intensive, collaborative, and experiential instruction. This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology are examined through a review of research from a variety of the sub-disciplines in psychology. In the laboratory students have the opportunity to conduct experimental and non-experimental research in a variety of areas. Data collected from research conducted during laboratory sessions are analyzed with statistical software. In addition, a computerized psychophysiology laboratory is used to introduce students to experiments in which one variable is physiological and the primary focus and theoretical context is behavioral.

Letter Grade

Units: 4

Lecture Hours: 48 – 54, Lab Hours: 48 – 54

Prerequisites: PSYC 001, MATH 010 or PSYC 001, MATH 010H

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B2- Life SciencesArea B - Scientific Inquiry and Quantitative Reasoning: B3- Laboratory Activity: Lab course used from B1 or B2

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B- Biological SciencesArea 5 - Physical and Biological Sciences: 5C – Laboratory

C-ID: PSY 205 B - Introduction to Research Methods in Psychology (With Lab)

PSYC 007: Physiological Psychology

This course provides an introduction to the scientific study of the physiological substrates of behavior and its fundamental role in the neurosciences. Among the areas covered are physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: PSYC 001

Co-Requisites: None

Advisory: None

Transferable to both UC and CSU

WVC GE: B. Natural Sciences

CSU GE: Area B - Scientific Inquiry and Quantitative Reasoning: B2- Life Sciences

UC/IGETC GE: Area 5 - Physical and Biological Sciences: 5B- Biological Sciences

C-ID: PSY 150 - Introduction to Biological Psychology

PSYC 008: Special Topics in Psychology

This is a seminar style course emphasizing student discussion as well as lecture that explores selected topics in psychology in depth. It is designed for both psychology majors and the community at large. This course helps students understand many of the various options/possibilities in the field of psychology. Topics may include gender, history of psychology, aging, and positive psychology.

Letter Grade, Pass/No Pass

Units: 0.5 – 1

Lecture Hours: 8 – 9, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: None

Transferable to CSU only

PSYC 009: Psychology of Women: A Multicultural Perspective

The course introduces the student to the sex-role development of women in terms of the biosocial and cultural factors involved in intellectual and personal-emotional functions. Examinations of psychological research and theory focus on multicultural factors, that is gender as it relates to race, class, culture and ethnicity in United States society. (Satisfies the Cultural Diversity requirement for the Associate Degree).

Letter Grade, Pass/No Pass

Units: 3

Lecture Hours: 48 – 54, Lab Hours: 0

Prerequisites: None

Co-Requisites: None

Advisory: PSYC 001

Transferable to both UC and CSU

WVC GE: F. Cultural Diversity

CSU GE: Area E - Lifelong Learning and Self Development

UC/IGETC GE: Area 4 - Social and Behavioral Sciences
PSYC 012: Human Growth and Development
This course is an introduction to the psychological, physiological, cultural and other environmental forces affecting human growth and development. Emphasis is placed on normal psychological development as a basis for understanding deviant behavior both within and across cultures. Theoretical models and research into the development of cognitive, perceptual, physical, personality and emotional abilities and disabilities are also presented and discussed.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: PSYC 001
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
CSU GE: Area E - Lifelong Learning and Self Development
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: PSY 180 - Introduction to Lifespan Psychology

PSYC 001: Introduction to Social Psychology
This course is an introduction to the field of social psychology which examines the factors that shape the actions and thoughts of individual human beings in social settings. Specifically, the course covers how people think about, influence, and relate to one another, how we construct our social reality via cognitive processes, and how personal attitudes, dispositions, and situational variables, shape our behavior.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: PSY 170 - Introduction to Social Psychology

PSYC 025: Introduction to Abnormal Psychology
This course introduces the scientific study of psychopathology and atypical behaviors. Students investigate abnormal behavior from a variety of perspectives including biological, psychological, and sociocultural approaches. An integrative survey of theory and research in abnormal behavior, and intervention and prevention strategies for psychological disorders are also introduced.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: PSYC 001
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: PSY 120 - Introduction to Abnormal Psychology

PSYC 030: Psychology of Addiction and Substance Abuse
This course is an introduction to the physiological, psychological, and social processes of addiction and how they relate to the abuse of legal and illegal substances.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: E. Lifelong Understanding and Development
CSU GE: Area E - Lifelong Learning and Self Development

REAL ESTATE
RLST 090: Principles of Real Estate
This is a required course to obtain a Real Estate Salesperson license. This course summarizes information required for the State of California Real Estate Salesperson's license examination. Covering the basic background and terminology necessary for advanced study in other real estate courses, this course is intended to acquaint students with little or no training or experience in real estate with the real estate industry. This course also applies toward the educational requirements for the California Real Estate Broker's license examination.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

RLST 091: Real Estate Practice
Real Estate Practice is an overview of the operational methods of a real estate business and the procedures used in a typical real estate transaction. The course covers the day-to-day operations of a real estate office, with an emphasis on topics such as listings, purchase and sale agreements, advertising, financing, escrows, taxation, and appraisal. This course summarizes information required for the State of California real estate license examinations. This course is required for a Real Estate Salesperson's license and for a Real Estate Broker's license.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: RLST 090
Transferable to CSU only
RLST 092: Real Estate Economics
This course introduces students to the causes and effects of value fluctuations in real estate, the nature of land development, socioeconomic factors, and what is considered a good or bad real estate investment. The course provides students the skills to distinguish between general and specific governmental controls affecting real estate activity, and to analyze the effect of local, state and federal taxes on real estate activity. Students are given the opportunity to apply basic economic principles to understand how land values are influenced by multiple factors. This course applies toward the educational requirements of both the California real estate broker's and the California real estate salesperson's license examination.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

RLST 093A: Legal Aspects of Real Estate I
This is a fundamental real estate law course covering the basic understanding, background, and terminology necessary for advanced study in specialized real estate courses. This course is designed for students with little or no training or experience in real estate law. The purpose of the course is to introduce students to legal issues that arise in real estate and to enable students to identify, interpret, and solve fundamental legal problems inherent in real estate transactions and in the real estate profession. This course summarizes information required for the State of California real estate license examinations. This course also applies towards the educational requirements for a California Real Estate Broker's license, and can also be applied as an elective for the Real Estate Salesperson's license requirements.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: RLST 090
Transferable to CSU only

RLST 094C: Real Estate Appraisal Principles and Procedures
This introductory real estate appraisal course meets both California Office of Real Estate Appraisers (OREA) and California Bureau of Real Estate (BRE) educational requirements. This course satisfies the OREA Basic Appraisal Principles requirement with 30 hours of principles and 15 hours of procedures instruction. This course also applies to the educational requirements for the California BRE real estate broker's and real estate salesperson's license. With a focus on single-family residential property, students have an opportunity to identify, interpret, and solve fundamental legal problems inherent in real estate transactions and in the real estate profession. This course summarizes information required for the State of California real estate license examinations. This course also applies towards the educational requirements for a California Real Estate Broker's license, and can also be applied as an elective for the Real Estate Salesperson's license examination.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: RLST 090
Transferable to CSU only

RLST 095A: Real Estate Finance
This course analyzes real estate financing, including financing for residential and commercial properties, and development opportunities. Other topics include secured transactions, investment vehicles, government financing options, interest rates, taxation considerations, and evaluation of loan applicants. This course covers content required for the State of California real estate license examinations. It applies toward the educational requirements for a California Real Estate Broker's license and as an elective for the Real Estate Salesperson's license requirements.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: RLST 090
Transferable to CSU only

RLST 096A: Real Estate Investment I
This course is designed to acquaint the real estate student with the specific advantages and disadvantages of the various types of real estate investments including multifamily residential, commercial, industrial, professional, recreational, condominiums and special purpose properties. This class addresses the effects of inflation, depreciation, taxes, tax-deferred exchanges, real estate cycles, growth patterns, risk and liquidity on the total real estate investment. Students also have the opportunity to study the advantages and disadvantages of investments in related fields of real estate investments including syndications, limited partnerships, the use of leverage, and creative financing such as all inclusive deeds of trusts in maximizing the real estate investment returns. This course applies toward the educational requirements of the California Real Estate Broker's License examination and can also be applied as an elective for the Real Estate Salesperson License requirements.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: RLST 090
Transferable to CSU only

RLST 099: Property Management
This course covers the successful techniques and practices in the management of income property including acquisition, analysis, legal considerations, marketing techniques, maintenance, records and insurance. This course summarizes information required for the State of California real estate license examinations; however, considerable outside study for the state exam may be required. This course also applies towards the educational requirements of the California Real Estate Broker's license examination and can also be applied as an elective for the Real Estate Salesperson license requirements.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: RLST 090
Transferable to CSU only
SOCIAL JUSTICE STUDIES

SJST 001: Introduction to Ethnic and Social Justice Studies
The course offers an interdisciplinary study of race and ethnicity in the United States, with a focus on social justice movements of U.S. ethnic and racial groups. This course provides a basis for a better understanding of the socio-economic, cultural and political conditions of key race-ethnic social groups, and explores the evolution, impact, and future of Ethnic Studies itself. Students have an opportunity to examine the history of social justice and racial equality movements in the U.S. during the 1960s and 1970s through to the present, and analyze the emergence of Ethnic Studies as an academic discipline to provide a relevant education in contrast to ethno-centrism, eurocentrism, and white supremacy in the U.S. Course materials encourage the use of applied methodologies in Social Justice and Ethnic Studies in order to provide a depth of insight into struggles, and mobilization strategies for equity, self-determination, liberation, decolonization, and anti-racism.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area C - Arts and Humanities: C2- HumanitiesArea D - Social SciencesArea F - Ethnic Studies
UC/IGETC GE: Area 3-Arts and Humanities: 3B-HumanitiesArea 4 - Social and Behavioral Science
C-ID: SJST 110 - Introduction to Social Justice

SOCIOLOGY

SOCI 001: Introduction to Sociology
This course is an introduction to the field of sociology as a scientific discipline; emphases on global studies, cross-cultural analysis, and American cultural diversity in terms of cultural heritage and national origin, race/color/ethnicity, social class, gender/sexuality/women's studies, family structure, age, ability, religion, language, and sensitivity to all other forms of social and cultural diversity; examination of human societies from various sociological perspectives; analysis of the relationship between personality development and sociocultural environment; the comparative presentation of social institutions and possible influences on behavior.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: SOCI 110 - Introduction to Sociology

SOCI 002: Social Problems
This social problems course identifies and analyzes contemporary social problems, with emphases on the U.S., cross-cultural comparisons, and globally. The course focuses on the role of power and ideology in the definition of social problems, identifying the causes of various social problems and consequences, and evaluating proposed solutions. The course provides a comprehensive overview in current events, policy debates, and emerging social trends.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social SciencesArea E - Lifelong Learning and Self Development
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: SOCI 115 - Social Problems

SOCI 002H: Honors Social Problems
As an honors course, the course focuses on critically analyzing sociological literature and research specific sociological topics, identifies and analyzes contemporary social problems, with emphases on the U.S., cross-cultural comparisons, and globally. The course focuses on the role of power and ideology in the definition of social problems, identifying the causes of various social problems and consequences, and evaluating proposed solutions. The course provides a comprehensive overview in current events, policy debates, and emerging social trends. This honors course emphasizes on analytical writing and exploring the field through reading primary sociological research.

Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: SOCI 115 - Social Problems

SOCI 003: Social Psychology: A Sociological Perspective
This course considers how human interactions, social situations and other social environment factors impact individual human behavior, thoughts, feelings and the dynamics of groups. The power of the situation, other individuals, and the social group are examined. Students are encouraged to practice applying insights to social problems and day-to-day issues in their own lives. Emphasized topics include impression formation and management, self as socially constructed product of society, aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude change, conformity, group phenomena, gender roles, cultural norms, person perception, and social cognition.

Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area D - Social SciencesArea E - Lifelong Learning and Self Development
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: PSY 170 - Introduction to Social Psychology
SOCI 012: Introduction to Research Methods
This research methods course examines fundamental elements of empirical research and the ways in which sociologists and social scientists gather, evaluate, and critique social data. The course goes into detail about the roles of theories, hypotheses, variables, and ethics of research. The course also focuses on the application of qualitative and quantitative analytic tools including logic and research design, such as survey, observational, experimental, case study, and comparative historical research and basic statistical analysis. Computer statistical applications is required for the course.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: SOCI 001
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: SOCI 120 - Introduction to Research Methods

SOCI 020: Sociology of Race and Ethnicity
This sociology course analyzes race and ethnicity by addressing global dynamics, cross-cultural comparisons, and U.S. minorities, including Native Americans, African Americans, Asian Americans, and/or Latina and Latino Americans, among other ethnic groups. The course focuses on social interactional patterns and social structures, including economic, political, educational, religious, and other social institutions – that support or challenge racism, stratification, and inequality across the U.S. and globally. The course assesses efforts to promote racial harmony and solutions to address racial/ethnic inequality.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: SOCI 120 - Introduction to Research Methods

SOCI 028: Sociology of Gender
The course pursues sociological analyses of the social construction of masculinity and femininity cross-culturally. It examines the debates on gender. It analyzes the impact of social, economic, and political changes on gender expectations and practices. It focuses macro-analyses of how institutions shape gender and micro-analyses of how individuals are socialized and how they “do” and practice gender.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: SOCI 140 - Introduction to Gender

SOCI 040: Marriage and Family Sociology
This course addresses empirical sociological analysis of family, marriage, dating, and mate selection. Historical changes are compared with the more recent trends in family form, problems, size, and sociological functions.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: SOCI 130 - Introduction to Marriage and Family

SOCI 045: Sociology of Human Sexuality
The course examines the interplay of the sociological/sociocultural perspective with psychological, biological, historical, technological, and other factors in human sexuality. Current sex norms, trends and various aspects of interpersonal and individual sexual adjustment are explored as they relate to larger social structures, institutions and processes.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: D. Social Sciences: D1 - Social and Behavioral Sciences
A. Language and Rationality: A2 - Communication and Analytical Thinking
CSU GE: Area D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: PSY 130 - Introduction to Human Sexuality

SPANISH
SPAN 001A: Beginning Spanish
This course introduces the fundamentals of Spanish grammar, vocabulary and pronunciation to communicate about topics of everyday life. Emphasis is placed on communication and cultural relevancy. The student has the opportunity to study various aspects of the culture of the Spanish-speaking world.
Letter Grade, Pass/No Pass
Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 6A - IGETC Languages (LOTE)
C-ID: SPAN 100 - Elementary Spanish I
SPAN 001B: Beginning Spanish

This course continues the development of basic skills for communication in Spanish - listening, speaking, reading, writing - and offers further exploration of the cultures of the Spanish-speaking world that was begun in Spanish 001A. Students have the opportunity to approach more complex grammar and communicative functions, such as narrating an event in the past, expressing one's opinions using subjunctive, and giving formal and informal commands.

Pass/No Pass, Letter Grade

Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: SPAN 001A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- HumanitiesArea 6A - IGETC Languages (LOTE)
C-ID: SPAN 110 - Elementary Spanish II

SPAN 200A: Intermediate Spanish

SPAN 002A is designed as a continuation of SPAN 001B. This course covers culture and facilitates language acquisition through listening, speaking, reading, and writing. Content is expanded beyond “survival” needs of the immediate environment and covers linguistic functions such as expressing personal opinions, making suggestions on familiar topics, as well as on some abstract issues. High frequency structures and high level vocabulary are covered in the course as more complex discourse is presented.

Pass/No Pass, Letter Grade

Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: SPAN 001B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- HumanitiesArea 6A - IGETC Languages (LOTE)
C-ID: SPAN 200 - Intermediate Spanish I

SPAN 003B: Advanced Spanish Oral and Written Composition

This course is designed as a continuation of SPAN 002B. It is designed to enrich oral and written proficiency, enhance the knowledge of Spanish grammar, develop idiomatic expression, and to prepare students for skilled communication and cultural understanding of the Spanish-speaking world. Students in the course are expected to discuss topics such as culture, tradition, education, and ethics in the target language.

Pass/No Pass, Letter Grade

Units: 5
Lecture Hours: 80 – 90, Lab Hours: 0
Prerequisites: SPAN 002B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C2- Humanities
UC/IGETC GE: Area 3 - Arts and Humanities: 3B- HumanitiesArea 6A - IGETC Languages (LOTE)
C-ID: SPAN 220 - Spanish for Heritage Speakers I

SPAN 011A: Spanish Laboratory

This is a laboratory course designed to give students the opportunity to improve and reinforce their Spanish language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one's self, describing daily life activities, and exchanging information about pastimes. It explores the cultures of the Spanish speaking world using language computer programs, and a variety of other technologies, media, Internet resources, and films. This course is recommended for students enrolled in Spanish 1A to further enhance 1A course material, but it may be taken independently.

Letter Grade, Pass/No Pass

Units: 0.5
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: SPAN 001A
Transferable to CSU only
SPAN 011B: Spanish Laboratory
This is a laboratory course designed as a continuation of Spanish 11A. It allows students the opportunity to learn and perform complex language skills, such as giving formal and informal polite commands, making suggestions, formulating hypotheses, and narrating events in the past. Students have the opportunity to enrich their knowledge of the culture of South American Spanish-speaking countries through the study of movies, literature texts, and newspaper articles, using a variety of technologies, media, Internet resources and films. This course is recommended for students enrolled in Spanish 001B to further enhance 1B course material, but it may be taken independently by students not enrolled in a foreign language course.
Letter Grade, Pass/No Pass
Units: 0.5
Lecture Hours: 0, Lab Hours: 24 – 27
Prerequisites: None
Co-Requisites: None
Advisory: SPAN 001B
Transferable to CSU only

SPAN 050A: Basic Spanish Conversation and Culture I
Designed for those desiring a basic, practical conversational approach to learning a language, this course emphasizes conversation and vocabulary-building with a minimum of grammar. A variety of classroom activities give students the opportunity to use the language while studying it. Cultural topics center on everyday life in Spanish-speaking countries today (food, customs and traditions, the family, etc.).
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

SPAN 011B: Spanish Laboratory

SPAN 050B: Basic Spanish Conversation and Culture II
This course is a continuation of Spanish 50A. Students have the opportunity to increase their vocabulary and knowledge of basic grammatical structures while emphasizing conversation. The cultures of Spanish-speaking countries is presented through newspaper and magazine articles as well as a variety of audiovisual materials.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: SPAN 050A
Co-Requisites: None
Advisory: SPAN 001A
Transferable to both UC and CSU

SPAN 051A: Intermediate Spanish Conversation and Culture I
Students in this course have the opportunity to enhance their ability to express themselves orally in Spanish. The course offers a combination of grammar, vocabulary, and culture. It offers reinforcement of basic grammar topics such as past tenses, direct and indirect pronouns among others. Vocabulary covers different areas of daily life. Students have the opportunity to participate in a variety of activities which allows them to use their Spanish while furthering their knowledge of the customs and culture of Spanish-speaking countries.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: SPAN 050B
Co-Requisites: None
Advisory: SPAN 001B
Transferable to both UC and CSU

SPAN 051B: Intermediate Spanish Conversation and Culture II
This course is a continuation of SPAN 051A. Conversation is emphasized, along with vocabulary acquisition and idiomatic expression. This course includes cultural topics and a review of basic grammar principles, as well as the finer points of Spanish grammar, such as future, subjunctive, conditional tenses, among others. Discussion topics are chosen from current newspapers and magazines.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: SPAN 051A
Co-Requisites: None
Advisory: SPAN 001B
Transferable to both UC and CSU

SPAN 070A: Spanish for Medical Professionals - Beginners
This course is intended for students interested in working in the medical field utilizing the Spanish language. This course provides students the opportunity to use basic Spanish grammar and vocabulary related to the medical working environment. Topics include getting to know the patient, gathering medical history, identifying vocabulary for major illnesses, and body parts. This course offers a wide range of medical and cultural topics related to the Latino community such as Latinos and AIDS, home remedies, and cultural differences in emergency response requests.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: SPAN 001A
Transferable to CSU only

SPAN 070B: Spanish for Medical Professionals - Intermediate
This course is the second course in a series of two and is intended for students who are interested in the medical field utilizing the Spanish language. In this advanced course, students are provided the opportunity to expand their medical terminology and grammar. Students have the opportunity to experience a wider range of communicative settings related to the medical field. Topics include pre-natal care, pediatrics, immunizations, dermatology, and optometry. Medical and cultural topics related to the Latino community include childhood hunger, the role of midwives, and drug abuse among Latinos.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: SPAN 070A
Transferable to CSU only
STUDENT SUCCESS

**LRSV 110: Supervised Tutoring**
Under direction of a certified supervisor in the Success Center, students receive tutorial assistance from peer tutors in areas of academic need while learning appropriate study skills to become more successful students and self-determined learners.

- **Units:** 0
- **Lecture Hours:** 0, **Lab Hours:** 0
- **Prerequisites:** None
- **Co-Requisites:** None
- **Advisory:** None
- **Additional Requisite Information:** Student must be enrolled in the class in which tutoring is sought

**LRSV 110M: Supervised Tutoring - Math**
Students are assigned to tutoring by a counselor or instructor based on an identified learning need and are registered in the tutoring course. Under direction of a certified supervisor in the Tutorial Lab, students receive tutorial assistance from peer tutors in areas of identified academic need and appropriate study skills and have the opportunity to develop their ability to learn independently and become more successful students.

- **Units:** 0
- **Lecture Hours:** 0, **Lab Hours:** 0
- **Prerequisites:** None
- **Co-Requisites:** None
- **Advisory:** None
- **Additional Requisite Information:** Student must be enrolled in the class in which tutoring is sought

**NCTU 001: General Tutor Training**
This course is designed to train students to be peer tutors and to develop skills that are useful in other professional, personal, and academic settings. Topics include communication styles and skills, facilitative teaching, study skills, differentiated learning styles, problem-solving skills, FERPA guidelines, tutoring ethics, conflict-resolution strategies, emotional intelligence, and student support services. Students who successfully complete the course are eligible to apply for peer tutor positions; however, course completion does not guarantee employment.

- **Units:** 0
- **Lecture Hours:** 8 – 9, **Lab Hours:** 0
- **Prerequisites:** None
- **Co-Requisites:** None
- **Advisory:** None

**NCTU 001W: Writing Tutor Training**
This course trains students in the knowledge and skills related to tutoring writing, and develops skills that are useful in other professional, personal, and academic settings. Topics include tutoring all stages of the writing process, writing across the curriculum, high and low order revision priorities, respecting and developing a writer's authentic voice, identifying and addressing grammar patterns, research strategies, and proper documentation. Students who successfully complete the course can apply to be hired as peer writing tutors; however, course completion does not guarantee employment.

- **Units:** 0
- **Lecture Hours:** 8 – 9, **Lab Hours:** 0
- **Prerequisites:** NCTU 001
- **Co-Requisites:** NCTU 001
- **Advisory:** None

THEATER ARTS

**THEA 002A: Introduction to Theatrical Design**
This course is a survey of design in scenery, lighting, costumes, makeup and properties. Additional topics in theatrical equipment and construction techniques are explored through demonstration. Information is applicable to all formal theatrical applications.

- **Letter Grade**
- **Units:** 3
- **Lecture Hours:** 48 – 54, **Lab Hours:** 0
- **Prerequisites:** None
- **Co-Requisites:** None
- **Advisory:** None
- **Transferable to both UC and CSU**
- **WVC GE:** C. Humanities
- **C-ID:** THTR 172 - Introduction to Design or Introduction to Theater Design

**THEA 004: Digital Video Editing**
This course introduces beginning and intermediate film students to post-production digital editing for narrative film and video editing. Students have the opportunity to develop the skills of cinematic storytelling and to learn how to organize the editing process and integrate visual and sound elements.

- **Letter Grade**
- **Units:** 3
- **Lecture Hours:** 32 – 36, **Lab Hours:** 48 – 54
- **Prerequisites:** None
- **Co-Requisites:** None
- **Advisory:** None
- **Transferable to both UC and CSU**

**THEA 005A: Introduction to Film/Video Production**
This course provides an introduction to the theory, terminology, and process of motion picture production for film and television. Topics include basic cinematography—including the operation, function, and creative uses of production and post-production equipment—script-writing, camera operation, shot composition, lighting, sound recording and mixing, and editing.

- **Letter Grade**
- **Units:** 3
- **Lecture Hours:** 32 – 36, **Lab Hours:** 48 – 54
- **Prerequisites:** None
- **Co-Requisites:** None
- **Advisory:** None
- **Transferable to both UC and CSU**
- **WVC GE:** C. Humanities

**THEA 005B: Film/Video Production II**
This course is for the student who has completed Theatre 005A. Students have the opportunity to continue developing skills and techniques used in filmmaking. Lecture, discussion and individual/group projects are combined to help the student acquire a more advanced knowledge of producing, directing and editing.

- **Letter Grade**
- **Units:** 3
- **Lecture Hours:** 48 – 54, **Lab Hours:** 0
- **Prerequisites:** THEA 005A
- **Co-Requisites:** None
- **Advisory:** None
- **Transferable to both UC and CSU**
- **WVC GE:** C. Humanities
THEA 006A: Writing for Film and Television
This is an introductory course in script writing for film, television, and electronic media designed to provide students with the skills needed to prepare scripts in proper formats, including fundamental technical, conceptual, and stylistic issues related to writing fiction and non-fiction scripts for informational and entertainment purposes. It includes a writing evaluation component as a significant part of the course requirement.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Additional Requisite Information:
Advisory: Eligible for English 1A
Transferable to both UC and CSU
WVC GE: C. Humanities

THEA 007A: Acting for Film and Television
This course is an introduction to the technique of acting in front of a camera. It includes participation in film acting projects and television production. Students also have the opportunity to learn the terminology of the TV/Film Studio.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: THEA 040A
Transferable to both UC and CSU
WVC GE: C. Humanities

THEA 010: Introduction to Theater
This course is an introduction to the world of theater. This introduction includes dramatic literature, technical theater, theater history, production techniques and the critical evaluation of productions.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: THTR 111 - Introduction to Theatre

THEA 010H: Honors Introduction to Theater
Honors Introduction to Theater uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there is a focus on analytical writing and exploring the field through reading primary source research. This course is an introduction to the world of theater. This introduction includes dramatic literature, technical theater, theater history, production techniques and the critical evaluation of productions.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: THTR 111 - Introduction to Theatre

THEA 011A: Script Analysis: Classical
This course is a survey of dramatic literature from ancient Greece and Rome through the Italian Renaissance and the French Neo-Classical period with an emphasis on preparation for production. Through reading and analysis of representative plays selected from each of the major dramatic periods within this frame, and through consideration of theatrical conventions and aesthetic influences, students have the opportunity to fully explore an in-depth methodology of reading, analyzing, and understanding the play scripts intended for production.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: THTR 114 - Script Analysis

THEA 011B: Script Analysis: Modern Realism
This course is a survey of world dramatic literature from 1860 to the present. Through consideration of theatrical conventions and aesthetic influences, students will have the opportunity to fully explore an in-depth methodology of reading, analyzing, and understanding the play scripts as dramatic literature and as the basis for production.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: THTR 114 - Script Analysis
THEA 011C: Script Analysis: Contemporary/Absurdist
This course is a survey of dramatic literature from the early 20th century to the present. Emphasis is placed on absurdism and modern theatre styles and the preparation of such plays for production. Through reading and analysis of representative plays selected and through consideration of theatrical conventions and aesthetic influences, students will have the opportunity to explore an in-depth methodology of reading, analyzing, and understanding the play scripts for production.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
C-ID: THTR 114 - Script Analysis

THEA 012: Survey of Musical Theater
This course is a survey of musical theater from the mid 19th century to present day. Emphasis is placed on the stylistic distinctions of the musical and the contribution of individual composers, librettists, lyricists, choreographers, directors and designers to the genre of musical theater. Students have the opportunity to study the genre's social and cultural significance as a separate and distinctive art form.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

THEA 013: Multicultural Theater
This course is a comparative study of the important multicultural theater movements from the 1950s to the present. This course explores and evaluates contemporary dramatic literature of Native-American, African-American, Asian-Pacific American, and Chicano/Latino cultures. Students have the opportunity to examine the historical as well as cultural and social conditions in which these plays were developed.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

THEA 014A: Survey of Film: Horror and Science Fiction
Survey of Film is an introductory film course in which primary focus is placed on the cinematic development of genre classics in Horror and Science Fiction. Critical analysis from an audience perspective includes readings, lectures and discussions covering conventions, history, evolution, terminology, and technique.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

THEA 014B: Survey of Film: Westerns and Musicals
Survey of Film is an introductory film course in which primary focus is placed on the cinematic development of genre classics in Westerns and Musicals. Critical analysis from an audience perspective includes readings, lectures and discussions covering conventions, history, evolution, terminology, and technique.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

THEA 014C: Survey of Film: Gangster and Detective Films
Survey of Film is an introductory film course in which primary focus is placed on the cinematic development of genre classics in Horror and Science Fiction. Critical analysis from an audience perspective includes readings, lectures and discussions covering conventions, history, evolution, terminology, and technique.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

THEA 014D: Survey of Film: Superhero Cinema
This is an introductory film studies course in which primary focus is placed on the cinematic development of superhero cinema. Critical analysis from an audience perspective includes readings, lectures and discussions covering conventions, history, evolution, terminology, and technique.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts
THEA 014E: Survey of Film: The Star Wars Trilogies
This is an introductory film course in which primary focus is placed on the cinematic development of the Star Wars Film cycle (all three trilogies and related media). Critical analysis from an audience perspective includes readings, lectures, and discussions covering conventions, history, evolution, terminology, and technique.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

THEA 015: Introduction to Film Studies
This course introduces the close analysis of film and television texts. Additionally, it examines the broad questions of form and content, aesthetics and meaning, and history and culture. The course explores the diverse possibilities presented by the cinematic art form through an examination of a wide variety of productions, national cinemas, and film movements. Topics covered include modes of production, narrative forms, visual design, editing, sound, genre, ideology, and critical analysis.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: ENGL 001A
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

THEA 016: American Cinema
This is an introductory course in film studies examining the history and development of Hollywood and the movie business and their sustained influence on American culture. Students will also have the opportunity to explore the tools of cinematic grammar in creating a universal visual language.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: Area 3 - Arts and Humanities: 3A- Arts

THEA 018A: Introduction to Stage Lighting
This is an introductory course in the theory, methods, and application of stage lighting. Students have the opportunity to study different approaches to lighting design, the physics of stage lighting, and color in light. The course also serves as an introduction to the lighting instruments themselves and the practical work involved in lighting a staged production.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
CSU GE: Area C - Arts and Humanities: C1- Arts
UC/IGETC GE: C-ID: THTR 173 - Introduction to Stage Lighting or Lighting Design Fundamentals

THEA 019A: Visual Spectacle: Practical Effects and Motion Graphics for Cinema
The students in this course have the opportunity to study practical and digital film effects, such as creative lighting and cinematography, animation and motion control, blood effects, fight choreography, and green screen compositing.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

THEA 020A: Studio Theater Production Workshop: American Representational
This course provides the analysis and dramatization of acting techniques necessary for the performance of American Representational Theater (1800-1959). Students have the opportunity to participate in rehearsals and regularly scheduled performances of plays and musicals. This course also provides the student an opportunity to perform in a small, studio style theater. Blocking choices and vocal projection are key elements for study in the course. Admission to the course requires an audition.
Letter Grade
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information:
Prerequisite: Audition/Interview Required
Transferable to both UC and CSU
WVC GE: C. Humanities
THEA 020B: Studio Theater Production Workshop: Modern/Contemporary
This course provides the analysis and dramatization of acting techniques necessary for performance of Modern and Contemporary Theater (1960-Present). This course provides the student an opportunity to perform in a small studio-style theater. Blocking choices and vocal projection are key elements for study in the course. Students have the opportunity to participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.
Letter Grade
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information: Prerequisite: Audition/Interview Required
Transferable to both UC and CSU
WVC GE: C. Humanities

THEA 020C: Studio Theater Production Workshop: Classical Greek & European
This course provides the analysis and dramatization of acting techniques necessary for performance of Classical Greek & European Theater. This course provides the student an opportunity to perform in a small, studio-style theater. Blocking choices and vocal projection are key elements for study in the course. Students have the opportunity to participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.
Letter Grade
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information: Prerequisite: Audition/Interview Required
Transferable to both UC and CSU
WVC GE: C. Humanities

THEA 021A: Practical Theater (Scene & Stage) I
This entry-level course gives students the opportunity to gain practical experience in the application of production responsibilities in any of the following: stage management, house management, construction, scenery, properties, lighting, sound, and running crews.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

THEA 021B: Practical Theater (Scene & Stage) II
This intermediate course gives students expanded opportunity to gain practical experience in the application of production responsibilities in any of the following areas: stage management, house management, construction, scenery, properties, lighting, sound, and running crews.
Letter Grade
Units: 2
Lecture Hours: 0, Lab Hours: 96 – 108
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

THEA 022A: Practical Theater (Costume & Makeup) I
This entry-level course gives students the opportunity to gain practical experience in the application of production responsibilities in costume construction, maintenance and make-up application.
Letter Grade
Units: 1
Lecture Hours: 0, Lab Hours: 48 – 54
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

THEA 022B: Practical Theater (Costume & Makeup) II
This intermediate-level course gives students expanded opportunity to gain practical experience in the application of production responsibilities in costume construction, maintenance and make-up application.
Letter Grade
Units: 2
Lecture Hours: 0, Lab Hours: 96 – 108
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
THEA 026A: Improvisational Theatre Workshop
This course explores methods and techniques used to develop spontaneous performance skills in the actor. The types of improvisation covered are the following: partner games, team building, short and long form improv and theater-sports. This course culminates in a final class performance open to the public.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable

THEA 033A: Stage Movement
This movement course is like an acting course in motion, a playground for rediscovering uninhibited, child-like freedom in order to stimulate students’ imaginations, and open them up to a pervasive sense of playfulness in their work. Through group exercises and devised assignments, students have an opportunity to become more adept at playing in the environment of a scene, creating fully realized characters, and developing their vocabulary in the language of the body.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
WVC GE: C. Humanities

THEA 033B: Stage Combat
This course offers the analysis and practice of basic stage combat. Fundamental techniques of hand to hand combat, swordplay, and safety techniques are major components of the course. Students are invited to develop a personal command and understanding of their body in relation to theatrical physical conflict. The course introduces the written notation for designing a fight. Styles of stage combat to be covered include Unarmed/Hand to Hand, Rapier and Dagger, Single Sword, Broadsword, and Quarterstaff.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Not transferable
WVC GE: C. Humanities

THEA 035A: Voice Production and Articulation
This course offers students the opportunity to study vocal development. It is designed to develop, strengthen, and free the voice of the student. The main goals of this course are to offer a practical approach to vocal freedom and exploration, develop individual warm-up techniques, and introduce the International Phonetic Alphabet and dialect work.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

THEA 035B: Voice Production and Articulation
This course offers students the opportunity to study vocal development. It is designed to develop, strengthen, and free the voice of the student. The main goals of this course are to offer a practical approach to vocal freedom and exploration, develop individual warm-up techniques, and introduce the International Phonetic Alphabet and dialect work.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities

THEA 038: Acting for Non-Majors
This course introduces students to fundamental acting skills and provides a foundation of acting vocabulary. It develops an actor’s imagination as it relates to storytelling, communication, and analysis. This course provides students the opportunity to study beginning acting in a safe, fun, and supportive environment.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

THEA 040A: Acting One
This course offers an introduction to acting with an emphasis on one's personal connection to the character and the scene. The course introduces students to techniques on how to become comfortable in front of an audience. Also, movement and vocal exercises that prepare students for performance are introduced. Other topics that are explored include techniques of scene study and improvisation.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: THTR 151 - Acting I

THEA 040B: Acting Two
This course focuses on the externals an actor uses to create a role. There is continued training in acting skills introduced in THEA 040A with detailed script and character analysis. The course also introduces auditioning and improvisational skills.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: THEA 040A
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: THTR 152 - Acting II

THEA 040C: Acting Three
This course provides advanced scene study through detailed work on character and scene analysis, acting theory and technique. Students are introduced to classical dramatic literature and have the opportunity to learn how to prepare a formal audition and an actor's resume.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: THEA 040B
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
THEA 044A: Makeup for Stage & Screen
This course is designed to introduce the student to the basic techniques and materials of stage and cinematic makeup. The student has the opportunity to gain an understanding of the process through actual makeup application in the classroom environment.
Letter Grade, Pass/No Pass
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
C-ID: THTR 175 - Introduction to Stage Makeup or Stage Makeup

THEA 045B: Stagecraft
This course serves as an introduction to the theory and practical application of theatrical scenery. Students are exposed to safe operation and handling of tools used in the construction, painting, assembly, and deconstruction of sets used in departmental productions. The course also serves as an introduction to set design including the generation of working drawings and scale models.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: THTR 171 - Stagecraft

THEA 047A: Fundamentals of Costume Design
This course is an introduction to the function of theatrical costume and the contribution to the total aesthetic effect of a dramatic production. Design research and principles, costume organization, pattern and construction techniques, sewing equipment use and maintenance, and the function of costume personnel in production work are introduced as a means of developing the individual student's design capabilities, skills, and discipline in costuming.
Letter Grade
Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: THTR 174 - Introduction to Stage Costume or Fundamentals of Costume Design

THEA 070A: Mainstage Theater Production Workshop: American Representational
This course provides the analysis and dramatization of acting techniques necessary for performance of the Representational American Theatre (1800-1959). This course provides the student an opportunity to perform in a large proscenium style theatre. Blocking choices and vocal projection are key elements for study in the course. Students are invited to participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.
Letter Grade
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information:
Prerequisite: Audition/Interview Required
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: THTR 191 - Rehearsal and Performance in Production

THEA 070B: Mainstage Theater Production Workshop: Modern & Contemporary
This course provides the analysis and dramatization of acting techniques necessary for performance of Modern and Contemporary Theater (1960-Present). This course provides the student an opportunity to perform in a large proscenium style theater. Blocking choices and vocal projection are key elements for study in the course. Students have the opportunity to participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.
Letter Grade
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: THTR 191 - Rehearsal and Performance in Production

THEA 070C: Mainstage Theater Production Workshop: Classical Greek and European
This course provides the analysis and dramatization of acting techniques necessary for the performance of Classical Greek and European Theater. This course provides the student an opportunity to perform in a large proscenium style theater. Blocking choices and vocal projection are key elements for study in the course. Students are invited to participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.
Letter Grade
Units: 3
Lecture Hours: 0, Lab Hours: 144 – 162
Prerequisites: None
Co-Requisites: None
Advisory: None
Additional Requisite Information:
Prerequisite: Audition/Interview Required
Transferable to both UC and CSU
WVC GE: C. Humanities
C-ID: THTR 191 - Rehearsal and Performance in Production
**THEA 070D: Mainstage Theater Production Workshop: Musical and Children's Theater**

This course provides the analysis and dramatization of acting techniques necessary for performance of Musical and Children's Theater. This course provides the student an opportunity to perform in a large proscenium style theater. Blocking choices and vocal projection are key elements for study in the course. Students have the opportunity to participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.

**Letter Grade**

**Units:** 3

**Lecture Hours:** 0, **Lab Hours:** 144 – 162

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferrable to both UC and CSU

**C-ID:** THTR 191 - Rehearsal and Performance in Production

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**WOMEN, GENDER, AND QUEER STUDIES**

**WGQS 001: Introduction to Women's Studies**

This course introduces students to the study of women and gender, from an intersectional perspective. The course provides an overview of the "waves" of women's rights movements in U.S. history and debates about women's roles in society. With this grounding in a variety of feminist discourses, students have the opportunity to explore contemporary women's rights issues in both local and global contexts. Topics include: the social construction of gender, race, class, sexualities, and disabilities in different cultures; women's sexualities and gender identities; health and reproductive issues; family structures; violence against women; the economics of women's labor, paid and unpaid; education, political activism and social justice. All genders are equally welcome in this course.

**Letter Grade, Pass/No Pass**

**Units:** 4

**Lecture Hours:** 64 – 72, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferrable to both UC and CSU

**WVC GE:** C. Humanities

**D. Social Sciences: D1 - Social and Behavioral Sciences**

**CSU GE:** Area D - Social Sciences

**UC/IGETC GE:** Area 4 - Social and Behavioral Science

**C-ID:** SJS 120 - Introduction to Women's Studies

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**WGQS 001H: Honors Introduction to Women's Studies**

This course introduces students to the study of women and gender, from an intersectional perspective. The course provides an overview of the "waves" of women's rights movements in U.S. history and debates about women's roles in society. With this grounding in a variety of feminist discourses, students have the opportunity to explore contemporary women's rights issues in both local and global contexts. Topics include: the social construction of gender, race, class, sexualities, and disabilities in different cultures; women's sexualities and gender identities; health and reproductive issues; family structures; violence against women; the economics of women's labor, paid and unpaid; education, political activism and social justice. All genders are equally welcome in this course. Honors Introduction to Women's Studies uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, students will be expected to conduct independent research and analysis, apply critical thinking skills, and develop their knowledge of women's and gender rights and struggles with a global perspective.

**Letter Grade**

**Units:** 4

**Lecture Hours:** 64 – 72, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferrable to CSU only

**WVC GE:** C. Humanities

**D. Social Sciences: D1 - Social and Behavioral Sciences**

**CSU GE:** Area D - Social Sciences

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**WGQS 002: Women in the Arts: Multicultural Perspectives**

This course introduces students to the study of women's creative work in literature, the visual arts, and the performing arts, and feminist art. The course presents an overview of new theories and methods of scholarship, including the use of gender, race, culture, and class as lenses of analysis. Students have opportunities to examine how this new scholarship is changing appraisals of women's contributions to the arts.

**Letter Grade, Pass/No Pass**

**Units:** 3

**Lecture Hours:** 48 – 54, **Lab Hours:** 0

**Prerequisites:** None

**Co-Requisites:** None

**Advisory:** None

Transferrable to both UC and CSU

**WVC GE:** C. Humanities

**D. Social Sciences: D1 - Social and Behavioral Sciences**

**CSU GE:** Area C - Arts and Humanities

**UC/IGETC GE:** Area 3 - Arts and Humanities

**C-ID:** SJS 120 - Introduction to Women's Studies

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WGQS 003: Introduction to Gender and Queer Studies
This course introduces concepts and research in the fields of Gender and Queer Studies. Students have the opportunity to conceptualize gender and sexuality as fluid and using an intersectional, social justice-focused approach to identity, study gender and queer theory, and examine cultural norms and social expectations about behavior associated with various sex and gender categories from a variety of societies and historical periods. The course presents cross-cultural and historical perspectives on a continuum of sex and gender identities and sexualities, with a focus on LGBTQ+ identities and their social construction over time. Students analyze legal and social issues in contexts of sex, gender, sexuality, and other intersectional identity categories such as race, ethnicity, class, ability, age, nation of origin, and documentation, language, and housing status.

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. HumanitiesD. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area C - Arts and Humanities: C2: HumanitiesArea D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science
C-ID: SJS 130 - Introduction to LGBTQ Studies

WGQS 004A: Women in World Cultures
This course introduces women's contributions to cultures around the world from prehistory to 1500 CE. Drawing on primary sources, the course illuminates the lives and work of women writers, artists, philosophers, and political leaders from Africa, Asia, Europe, Oceania, and the Americas. Focusing on women's work in the humanities—literature, philosophy, visual arts and performing arts—the course highlights societies and eras in which women's agency, autonomy, and creative accomplishments were particularly strong. Students have the opportunity to analyze cultural factors that supported or inhibited this creativity, including ideas about gender embedded in religions, mythologies, social philosophies, and political institutions.

Letter Grade, Pass/No Pass

Units: 3
Lecture Hours: 48 – 54, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to both UC and CSU

WVC GE: C. HumanitiesD. Social Sciences: D1 - Social and Behavioral Sciences
CSU GE: Area C - Arts and Humanities: C2: HumanitiesArea D - Social Sciences
UC/IGETC GE: Area 4 - Social and Behavioral Science

WORK EXPERIENCE

WRKX 302G: General Work Experience
This course involves the supervised employment of students in positions which are related with their selected field of study, thereby extending the learning experiences of the classroom to the field. The program provides students with the opportunity to increase their understanding of the world of work and explore their chosen field of work. Units of credit are awarded on the basis of number of hours of employment per week and the successful completion of learning objectives. Students may not enroll in more than sixteen (16) units that are directly related to occupational work experience, whether from one department or from multiple departments, or general work experience.

Letter Grade, Pass/No Pass

Units: 1 – 4
Lecture Hours: 0, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only

WRKX 303: Occupational Work Experience
This course involves the supervised employment of students in positions which are related with their selected field of study, thereby extending the learning experiences of the classroom to the field. The program provides students with the opportunity to increase their understanding of the world of work and explore their chosen field of work. Units of credit are awarded on the basis of number of hours of employment per week and the successful completion of learning objectives. Students may not enroll in more than sixteen (16) units that are directly related to occupational work experience, whether from one department or from multiple departments, or general work experience.

Letter Grade, Pass/No Pass

Units: 1 – 4
Lecture Hours: 0, Lab Hours: 0
Prerequisites: None
Co-Requisites: None
Advisory: None
Transferable to CSU only
Rights and Responsibilities

Student Rights and Responsibilities

Faculty

- General
Each instructor is responsible at the beginning of the course to inform students of the course's learning objectives and criteria for grading. The instructor alone is responsible for issuing or changing a grade.

Upon reasonable request by the student, the instructor shall indicate what grade the student is receiving at the time of the request.
The instructor may, upon a student's request, assign an Incomplete ('I') grade when, in the instructor's judgment, this action is warranted and appropriate.

- Instructor-Initiated Drops
An instructor may officially drop the student from the class rolls when it is determined that the student is no longer reasonably participating in the activities and requirements of the course. Definitions of non-participation shall include, but not be limited to, excessive unexcused absences.

- Final Examinations
A final examination, or alternative final assessment activity, is required of all students in all courses for which a letter grade can be awarded. Final examinations or assessments for full semester courses are scheduled for a two-hour period and will not be given in advance. The final examination or assessment activity will be administered at the last scheduled class meeting. Any exceptions to this policy must be approved in advance by the Vice President of Instruction.

Probation, Disqualification, and Readmission

A student shall be placed on probation if his or her academic record of performance falls under either of the two standards below.

- Academic grade point probation: A student shall be placed on academic probation if he/she has attempted a minimum of 12 semester units of work and has a grade point average of less than a "C" (2.0). A student placed on academic probation who earns at least a 1.75 grade point average during the semester on probation, but whose cumulative grade point average is still below 2.00, will be permitted to continue on such probationary status for not more than three consecutive semesters without being academically disqualified (dismissed).

- Progress Probation: A student shall be placed on progress probation if he/she has enrolled in a total of at least 12 semester units and the percentage of all units in which the student has enrolled, for which entries of "W," "I," "NC," and "NP" were recorded reaches or exceeds fifty (50) percent. A student may be on progress probation not more than three consecutive semesters without being academically disqualified (dismissed). Notification of probationary status will appear on the student's semester grade report and on the transcript of academic work. A student who is placed on probation may submit an appeal in accordance with procedures to be established by the Chancellor. A student on academic probation for a grade point deficiency shall be removed from probation when the cumulative grade point average reaches 2.00 or higher. Likewise, a student on progress probation shall be removed from probation when the total percentage of cumulative units in the "W," "I," "NC," and "NP" categories drops below 50 percent. Students who believe that their placement on probation is the result of an error may petition the appropriate College appeals body for relief.

Dismissal

A student who is on academic probation shall be subject to dismissal if the student has earned a cumulative grade point average of less than 1.75 in all units attempted in each of three consecutive semesters. A student who is on progress probation shall be subject to dismissal if the cumulative percentage of units in which the student has been enrolled for which entries of "W," "I," "NC," and "NP" are recorded in at least three consecutive semesters reaches or exceeds 50 percent. A student who is subject to dismissal may submit a written appeal in compliance with administrative procedures. Dismissal may be postponed and the student continued on probation if the student submits a petition that includes documentation of marked improvement since the semester on which the dismissal was based or documentation of extenuating circumstances during the semester on which the dismissal was based. Notification of academic disqualification status will appear on the student's end of semester grade report and transcript. An academically disqualified student may present a written appeal to the appropriate College appeals body requesting immediate reinstatement if a dismissal has resulted from unusual circumstances. A registered student making such an appeal should remain in classes until the decision is made.

Readmission

A student who has been dismissed may request reinstatement by submitting a petition for readmission after an absence of one semester or a petition for readmission explaining extenuating circumstances during the semester on which the dismissal was based. Readmission may be granted, denied, or postponed according to criteria contained in administrative procedures. The Chancellor shall develop procedures for the implementation of this policy that comply with the Title 5 requirements. The determination of the applicability of the policy on academic probation and disqualification will be based on the inclusion of: All units in which the student has been officially enrolled, except those in which the student has been assigned a grade or non-evaluative symbol of "W," "MW," "CR," "P," "NP," "NC," "I," "RD," or "IP" when computing grade point average. All units in which the student has been officially enrolled, except those in which the student has been assigned a non-evaluative symbol of "MW," "RD," or "IP" when applying the satisfactory progress rule. All District units in which the student has been enrolled will be utilized in determining the applicability of the policy on academic probation and disqualification.

Rights and Responsibilities

Students

- General
Students are responsible for completing the learning and performance objectives of the courses in which they are enrolled and giving evidence of such learning through examinations, essays, term papers, journals and such other requirements as the instructor may deem appropriate for demonstrating mastery of skills required in the course.

When a student receives an incomplete grade ("I"), he or she shall not be permitted to repeat the course in a subsequent semester unless the student fails to make up the incomplete as specified by the instructor and is subsequently awarded a substandard grade ("D," "F" or "NP").

Students are held fully responsible for following College procedures for adding, dropping or withdrawal, and for filing appropriate forms in the Admissions Office.
• **Attendance**

Students are expected to attend all sessions of each class, participate in class activities and meet requirements of the course. Instructors may drop students from the class if they fail to attend the first class meeting or when the instructor determines that students are no longer actively participating in the course. Definition of non-participation shall include but not be limited to excessive absences, defined by when accumulated hours of absences exceed ten percent of the total number of hours the class meets during the semester. Moreover, an instructor may drop from the class any student who fails to attend at least one class session during the first three weeks of instruction.

• **Withdrawal from college**

A student who must withdraw entirely from the College before the end of the semester should file a withdrawal notice in the Admissions Office. A student who withdraws from the College will receive those credits and grade symbols applicable on the date of withdrawal under the District’s grading system described earlier.

• **Withdrawal from a class**

It is the responsibility of the student to withdraw from a class prior to the published deadline in order to insure that a penalty grade will not be awarded for the course.

A student who withdraws from a class prior to the first class meeting of shortterm classes or through the end of the 2nd week for semester-length courses shall have no notation of enrollment in the class posted on the semester grade report or transcript. The schedule of classes lists exact drop dates. From that point through the three-quarter point of the term (through the end of the twelfth week for semester length courses), a "W" grade will be posted on the final grade report and the transcript. After that deadline, a grade symbol other than a "W" will be posted.

• **Academic Dishonesty**

Dishonesty includes but is not limited to in-class cheating, out-of-class cheating, plagiarism, knowingly assisting another student in cheating or plagiarism, or knowingly furnishing false information to College staff, faculty, administrators or other officials. Following are definitions of in-class cheating, out-of-class cheating, plagiarism, and furnishing false information. These are not all-inclusive and the list itself is not meant to limit definition of cheating to just those mentioned.

1. **In-class cheating:** during an examination or on any work for which the student will receive a grade or points, unauthorized looking at or procuring information from any unauthorized sources, or any other student's work.
2. **Out-of-class cheating:** unauthorized acquisition, reading or knowledge of test questions prior to the testing date and time; changing any portion of a returned graded test or report and resubmitting as original work to be regraded; or presenting the work of another as one's own for a grade or points.
3. **Plagiarism:** unauthorized use of expression of ideas from either published or unpublished work(s) as a student's own work for a grade in a class. This also includes the violation of copyright laws, including copying of software packages.
4. **Furnishing false information:** forgery, falsification, alteration or misuse of College documents, records, or identification in class or in laboratory situations.

• **Classroom-Related Disciplinary Sanctions**

When a student is charged with plagiarism or cheating related to a class, and the instructor has reasonable proof or documentation or the student admits the violation, the instructor may select one or more of the following options:

1. **Issue an oral or written notification and warn the student that further acts of this sort will result in additional disciplinary action.**
2. **Issue a NP or a failing grade ("F") or "0" for the assignment in question.**
3. **Refer the student to the CSSO for disciplinary action.**

Students have not only the right to an education, but to the rights of citizenship as well; therefore, no student shall be deprived of equal treatment and equal access to educational programs, due process, presumption of innocence prior to proof otherwise, free expression and association, or privacy of thought. Students bring to college various interests and values previously acquired and they develop new interests as members of an academic community. They shall be free to organize and join groups, in the pursuit of those interests, subject only to regulations and procedures which are intended to preserve the integrity of the District and which are consistent with constitutional guarantees.

In keeping with the ideals of a democracy, students shall be granted the rights and responsibilities of self-government. In the activities of student groups and the conduct of student government, discrimination based on race, ethnic background, national origin, sex, age, sexual preference, or physical handicap shall be expressly prohibited.

Students and recognized student organizations shall be free to examine and discuss questions of interest to them and to express their opinions publicly and privately without fear of reprisal. They shall be free to support legal causes by orderly means that do not disrupt the operation of the College. College documents are subject to the Family Educational Rights and Privacy Act (Public Law 93-980).

Attendant upon the right guaranteed to each student are certain responsibilities, which are respect for the rights of others, acceptance of properly constituted authority, and compliance with the policies, regulations and procedures of the District. Each student bears full responsibility for his or her actions and is expected to abide by district policies on student conduct (policy 5.19).

**SPEECH: TIME, PLACE, MANNER**

The students and employees of the District and members of the public shall be permitted to exercise their rights of free expression subject to the time, place, and manner policies and procedures contained in BP 3900 titled Speech: Time, Place, and Manner and these procedures. The policy and procedures relating to use of facilities, distribution and posting of literature, and preventing disruption of instructional and/or other District activities do not apply to student news media.

The colleges of the District are non-public forums, except for the following areas, which are reserved for expressive activities which do not violate District policy and which are lawful. At West Valley College, the following areas of campus are designated as free speech zones: (1) North Walk (with the exception of the creek bridge and adjacent parking spaces); (2) Campus Center Walk; and (3) Campus Quad (in front of EOPS building and behind District Services/President's Office).

These areas are chosen so as to provide visibility and allow communication to a large number of students, administrators, faculty, and others walking or traveling on campus, but also so as to not disrupt educational and other activities of the District on behalf of students:

- These areas are designated public forums.
- The District reserves the right to revoke that designation and apply a non-public forum designation.
- The District reserves the right to designate areas as non-public forums as necessary to prevent the substantial disruption of the orderly operation of the college. Areas of the college that are non-public forums specifically include campus offices, classrooms, warehouses, maintenance yards, or locker rooms, and any other area not specified above. The use of these areas reserved and open for expressive activities is subject to the following:
  - No person using the areas shall touch, strike or physically impede the progress of passersby, except for incidental or accidental contact or contact initiated by a passersby.
Non-student, community groups wishing to engage in speech or expressive activities on campus, in the areas designated as public forums, must check in with the District through the Chancellor or designee prior to engaging in the activities. This does not involve an advance approval process. No illegal activities will be permitted, no activities that violate District or campus rules, including rules and laws on illegal harassment and discrimination, and none that will substantially interfere with or disrupt activities already scheduled for that day and time in the designated areas, as described above. In the event the area sought to be used for expressive activities has already been reserved for another activity so that there will be substantial interference or disruption based on noise, overcrowding, or other considerations unrelated to content, the District will offer alternative available areas or if none are available, offer alternative dates. Students, outside organizations, and others are encouraged to make reservations in advance to use the areas for their expressive activities by using the optional reservation forms.

All persons using the areas that are designated public forums shall be allowed to distribute petitions, circulars, leaflets, newspapers, and other printed matter. Such distribution shall take place only within those areas. Those persons distributing printed material must, prior to their departure from the areas that day, make reasonable efforts to retrieve, remove or properly discard material that is discarded or dropped in or around the areas other than in an appropriate receptacle.

Bulletins shall be provided for use in posting materials at campus locations convenient for use by students, staff, and members of the public. All materials displayed on a bulletin board shall clearly indicate the author or agency responsible for its production and shall be dated with the date of posting by the student activities office. Materials displayed shall be removed after the passage of twenty days.

STANDARDS OF CONDUCT

The District shall enforce a student code of conduct the purpose of which is to promote and maintain orderly conduct of a responsible student body in a manner compatible with the District and College function as an educational institution.

Students are subject to state and federal laws and to the specific regulations established by the District and/or each College in the District. Violators shall be subject to disciplinary action, including possible cancellation of registration, and may be denied future admission to the Colleges of the District. Criminal actions may also result in referral for prosecution.

The Chancellor shall establish procedures for the imposition of discipline on students in accordance with the requirements for due process of the federal and state law and regulations. The procedures shall clearly define the conduct that is subject to discipline, and shall identify potential disciplinary actions, including but not limited to the removal, suspension, or expulsion of a student.

The procedures shall be made widely available to students through the college catalogs and other means. The Board shall consider any recommendation from the Chancellor for expulsion. The Board shall consider an expulsion recommendation in closed session unless the student requests that the matter be considered in a public meeting. Final action by the Board on the expulsion shall be taken at a public meeting.

The following conduct shall constitute good cause for discipline, including but not limited to the removal, suspension, or expulsion of a student:

- Causing, attempting to cause, or threatening to cause physical injury to another person.
- Possession, sale or otherwise furnishing any firearm, knife, explosive or other dangerous object, including but not limited to any facsimile firearm, knife, or explosive, unless, in the case of possession of any object of this type, the student has obtained written permission to possess the item from a District employee, which is concurred in by the college president.
- Unlawful possession, use, sale, offer to sell, or furnishing, or being under the influence of, any controlled substance listed in Chapter 2 (commencing with Section 11053) of Division 10 of the California Health and Safety Code, an alcoholic beverage, or an intoxicant of any kind; unlawful possession of, or offering, arranging or negotiating the sale of any drug paraphernalia, as defined in California Health and Safety Code Section 11014.5.
- Committing or attempting to commit robbery or extortion.
- Causing or attempting to cause damage to District property or to private property on campus.
- Stealing or attempting to steal District property or private property on campus, or knowingly receiving stolen District property or private property on campus.
- Willful or persistent smoking in any area where smoking has been prohibited by law or by regulation of the college or the District.
- Committing sexual harassment as defined by law or by District policies and procedures. Engaging in harassing or discriminatory behavior based on race, sex, (i.e., gender) religion, age, national origin, disability, or any other status protected by law.
- Willful misconduct, which results in injury or death to a student or to college personnel or which results in cutting, defacing, or other injury to any real or personal property owned by the District or on campus.
- Disruptive behavior, willful disobedience, habitual profanity or vulgarity, or the open and persistent defiance of the authority of, or persistent abuse of, college personnel.
- Cheating, plagiarism (including plagiarism in a student publication), or engaging in other academic dishonesty.
- Dishonesty, forgery, alteration, or misuse of college documents, records, or identification; or knowingly furnishing false information to the District.
- Unauthorized entry upon or use of college facilities. Lend, indecent, or obscene conduct on District-owned or controlled property or at District-sponsored or supervised functions.
- Engaging in expression that is obscene, libelous, or slanderous; or which so incites students as to create a clear and present danger of the commission of unlawful acts on college premises, or the violation of lawful District administrative procedures, or the substantial disruption of the orderly operation of the District.
- Persistent, serious misconduct where other means of correction have failed to bring about proper conduct.

STATEMENT OF ACADEMIC FREEDOM

The West Valley-Mission Community College District recognizes that democratic participation, positive social change, and moral education, as well as scientific and technological advancement, all require the free exchange of ideas and information. Therefore, the District is committed to the free expression of diverse viewpoints on the part of faculty and students, as well as encouraging critical examination of these various perspectives. The District is also committed to the conduct of research and observation of the natural world unimpeded by social, religious, political, or theoretical biases and prejudices.
Academic freedom is the right of faculty members to interpret scholarly findings and communicate conclusions without being subject to harassment when those conclusions are at variance with popularly held beliefs or opinions. Faculty members have a corresponding obligation to study, present, interpret, and discuss facts and ideas concerning their fields of knowledge in a responsible manner. The faculty member will acknowledge the facts on which controversial views are based and show respect for reasonable opinions held by others.

Institutions of higher education operate not further the interest of either the individual faculty member or the institution as a whole but rather for the common good. In a democratic society the common good depends upon the free search for truth and its free exposition. Academic freedom is essential to these purposes and applies to both teaching and research. Freedom in research is fundamental to the advancement of truth while academic freedom in teaching is essential both to the uninhibited expression of scholarly findings and to ensuring the fullest student engagement with ideas.

STUDENT DISCIPLINARY PROCEDURE

District Policy: Student Discipline Procedures 5520

Purpose: Definitions

For the purpose of these Rules and Regulations, the following words and terms are defined as follows:

1. The term “Governing Board” shall mean the Governing Board of the West Valley Mission Community College District.
2. The word “District” shall mean the West Valley Mission Community College District, a public community college district of the State of California.
3. The word “College” shall mean West Valley and/or Mission Community College, colleges operated and maintained by the West Valley Mission Community College District.
4. The term “College Hearing Board” shall mean the West Valley Mission Community College Hearing Board, an administrative agency of the College; organized and existing primarily to hear and decide on or recommend appropriate disciplinary action in cases brought before it under these Rules and Regulations.
5. The term “President” shall mean the Presidents of the West Valley Mission Community College District who is the President of West Valley and/or Mission Community College, or in his/her absence, the acting President.
6. The terms “Vice President” or “Vice President of Student Services” shall mean the Vice President of Student Services of the West Valley Mission Community College District or his/her designee.
7. The term, “member of the College community”: shall mean the District Trustees, the academic, support staff and administrative personnel of the District or College, the students of the College and any other person or persons while on District or College property or at a District or College function or activity.
8. The term “District property” shall include real and personal property owned, controlled, or in the possession of the Governing Board of the West Valley Mission Community College District, and the real or personal property of all District food service, retail and resident facilities, whether operated directly by the District, a District or College auxiliary organization, or an independent contractor of the West Valley Mission Community College District, and whether located at West Valley or Mission College or elsewhere.
9. The term “deadly weapon” shall include human hands (when they are classified as lethal weapons), any instrument or weapon commonly known as a blackjack, sling shot, billy, nunchaku, sand club, sand bag, metal knuckles, any dirk, dagger, switch blade knife, pistol, revolver or any other firearm, any knife having a blade longer than five (5) inches, any razor with an unguarded blade, any metal or wooden pipe or bar, any chain, rock or stone, or any object or chemical used or intended to be used for the purpose of doing bodily injury to another person.
10. The term “day” shall refer to a college instructional day.
11. As used in this article, “good cause” includes, but is not limited to the following offenses:
   a. Continued disruptive behavior, continued willful disobedience, habitual profanity or vulgarity, or the open and persistent defiance of the authority of, or persistent abuse of, college personnel.
   b. Assault, battery, or any threat of force or violence upon a student or college personnel.
   c. Willful misconduct which results in injury or death of a student or college personnel or which results in cutting, defacing, or other injury to any real or personal property owned by the district.
   d. Unlawful possession, use, sale, offer to sell, or furnishing, or being under the influence of, any controlled substance listed in Chapter 2 (commencing with Section 11053) of Division 10 of the California Health and Safety Code, an alcoholic beverage, or an intoxicant of any kind; or unlawful possession of, or offering, arranging or negotiating the sale of any drug paraphernalia, as defined in California Health and Safety Code Section 11014.5
   e. Willful or persistent smoking in any area where smoking has been prohibited by law or by regulation of the Governing Board.
   f. Persistent, serious misconduct where other means of correction have failed to bring about proper conduct (California Education Code, Section 76033).

Purpose: Grounds for Disciplinary Action

1. Failure to comply with the directions of District or College officers or employees acting in the performance of their duties; or violation of District or College policies or regulations.
2. Violating District regulations concerning the registration of student organizations, use of College facilities, and the time, place, or manner of public expression, distribution of leaflets, pamphlets or other materials.
3. Academic dishonesty, such as cheating or plagiarism.
4. Forgery, alteration, misuse, misappropriation or theft of College papers, documents, records or identification, or knowingly furnishing false information to the District or College or its officers or employees.
5. Disruption or obstruction of classes, meetings, disciplinary proceedings, or other authorized functions or activities of the District or College, whether conducted on the West Valley or Mission College campus or elsewhere including, but not limited to, the use of headsets, walkmans, cellular telephones or pagers in the classroom.
6. Abusive behavior directed toward, or hazing of, a member of the campus community on or off campus property, including verbal abuse, harassment, intimidation, bullying or the threat of abuse, to the person or property of any member of the campus community, or of members of his or her family.
7. Engaging in disorderly conduct, habitual profanity or vulgarity, gambling, lewd, indecent, obscene or offensive behavior on District-owned or controlled property or at any District or College-sponsored or supervised function or activity.
8. The unlawful sale, possession, use or distribution of any drug or substance controlled by state or federal law on District or College-controlled property or at any District or College-sponsored or supervised function. Such drugs or substances include but are not limited to legally controlled hallucinogens, narcotics, depressants, stimulants, marijuana and its products, toluene, and alcoholic beverages. This regulation does not apply to lawful possession of prescription
STUDENT DISCIPLINARY ACTIONS AND PROCEDURES

Pursuant to California Education Code 76030 - 76037, the following types of discipline may be initiated at any time when a student is found to be in violation of the policies or rules and regulations of the West Valley-Mission Community College District or its colleges. College authorities will determine which type of action is appropriate. Any member of the college community (i.e., faculty, staff, and student) may file a written complaint with a college administrator against any student for misconduct.

Prior to initiation of these formal disciplinary actions, the parties involved are highly encouraged to seek resolution through informal efforts. Should either party wish to pursue an informal resolution, appropriate college personnel (counselor, department chair, division chair, dean, and/or the Vice President of Student Services) are available to meet with the parties to mediate and assist with these informal efforts.

Types of Disciplinary Actions:

1. Official Warning (Education Code Section 76031). An official warning is a written notice from the Vice President of Student Services or a designee of the President to the student that states if the misconduct is continued, it may result in further disciplinary action. Written official warnings shall not be made a part of the student's permanent record.

2. Removal from Class (Education Code Section 76032). An instructor may remove a student from his or her class when the student's conduct interferes with the instructional process. The duration will be for the day of removal and may extend through the next class meeting, or a total of two (2) consecutive class meetings.

The instructor shall immediately report the removal to the Vice President of Student Services and to the appropriate Division Chair or administrator. A written report shall be provided to the Vice President of Student Services.

The Division Chair or appropriate administrator shall arrange for a conference between the student and the instructor regarding the removal. Upon request of either the instructor or the student, the Division Chair or appropriate administrator shall attend the conference. During the period of removal, the student shall not return to the class without the concurrence of the instructor. The student has the right to return to class after two consecutive class meetings, pending further disciplinary action, if any. Nothing herein will prevent the Division Chair or the appropriate administrator from recommending further disciplinary actions in accordance with these procedures based on the facts which led to the removal.

Within five (5) days following the conference, if further action is required, the Division Chair or appropriate administrator will refer the student to the Vice President of Student Services for further disciplinary actions. The Vice President of Student Services shall decide whether to recommend suspension, whether to impose some lesser disciplinary action, or whether to end the matter. The Vice President of Student Services shall provide the student a written notification of the decision and the type of disciplinary action being imposed. A record of the disciplinary action will be entered in the student's discipline file and will be maintained in the Office of the Vice President of Student Services.

Removal of student who is a minor (Education Code Section 76032): An instructor may remove a student who is a minor from his or her class when the student's conduct interferes with the instructional process. The duration will be for the day of removal and may extend through the next class meeting, or a total of two (2) consecutive class meetings. If the student removed by an instructor is a minor, the college President or the President's designee shall ask the parent or guardian of the student to attend a parent conference with the instructor regarding the removal as soon as possible. If the instructor or the parent or guardian so requests, a college administrator shall attend the conference.

During the period of removal, a student shall not return to the class from which he or she was removed without the concurrence of the instructor of the class. The student has the right to return to class after two (2) consecutive class meetings, pending further disciplinary action, if any. Nothing herein will prevent the college administrator from recommending further disciplinary procedures in accordance with these procedures based on the facts which led to the removal. The Vice President of Student Services shall provide the student a written notification of the decision and the type of disciplinary action being imposed. A record of the disciplinary action will be entered in the student's discipline file and will be maintained in the Office of the Vice President of Student Services.

3. Withdrawal of Consent to Remain on Campus (Penal Code Section 626.4). The District Police, working in conjunction with the Vice President of Student Services or the College President, may notify any person for whom there is a reasonable belief that the person has willfully disrupted the orderly operation of the campus that consent to remain on campus has been withdrawn. If the person is on campus at the time, he or she must promptly leave or be escorted off campus. If the District Police issues a student a Withdrawal of Consent to Remain on Campus, the Vice President of Student Services is required to review and confirm this action within 24-hours of issuance of this notice. The person from whom consent has been withdrawn may submit a written request for a hearing on the withdrawal within the period of the withdrawal. The request shall be granted no later than 7 days from the date of receipt of the request. In no case shall consent be withdrawn for longer than 14 calendar days from the date consent was initially withdrawn.

Any person who knowingly reenters the campus during the period in which consent has been withdrawn, except to come for a meeting or hearing, is subject to arrest. A copy of the Withdrawal Consent form and any other information about the incident will be maintained in the student discipline files in the Office of the Vice President of Student Services.

4. Official Reprimand (Education Code Section 76031). A reprimand is a written notice of the violation of specific rules from the Vice President or a designee of the President. A student receiving a reprimand is formally notified in writing that continued conduct of the type described in the reprimand may result in further disciplinary action. Written official warnings shall not be made a part of the student's permanent record.

5. Littering on campus property including grounds, facilities and parking lots.

6. Unauthorized preparation, giving, selling, transfer, distribution, or publication for any commercial purpose, of any contemporaneous recording of an academic presentation in a classroom or equivalent site of instruction.
in more severe disciplinary actions. A copy of the official reprimand shall be placed in the student's discipline file and will be maintained in the Office of the Vice President of Student Services.

5. Social Probation (Education Code Section 76031). Social probation consists of the exclusion of the student from participation in specified or all extra-curricular College activities. Extra-curricular College activities are defined as College-related activities for which the student receives no academic credit. The written notification of social probation shall set forth the reason or reasons for the imposition of this disciplinary action, the activities to which the exclusion applies, and the length of time for which it is to be imposed. Social probation shall be imposed for a period not to exceed one (1) semester by the President or his/her designee. A copy of the written notice of social probation shall be served to the student and shall be placed in the student's discipline file maintained in the Office of the Vice President of Student Services, and shall also be placed on the student's permanent record.

6. Restitution (Education Code Section 76031). Restitution consists of the reimbursement for damages to or misappropriation of District property, the property of a member of the College community, or of a visitor on the West Valley or Mission College campuses. Restitution may take the form of appropriate personal services to repair, restore or otherwise compensate for the damage or injury done, and may be made a condition of continued attendance at the College. The President or his/her designee shall inform the student in writing of the amount to be reimbursed to the college and the length of time provided for reimbursement. A copy of the restitution requirement will be placed in the student's discipline file maintained in the Office of the Vice President of Student Services, and shall also be placed on the student's permanent record.

7. Disciplinary Probation (Education Code Section 76031). Disciplinary probation is a lesser sanction than suspension. Probation requires the student to adhere to specific written terms and conditions defined by the College Hearing Board, Vice President of Student Services, or the Vice President's designee. The terms of probation shall bear a reasonable relationship to the violation committed by the student. The sanction may include, but need not be limited to, ineligibility to participate in college or student-sponsored activities including public performances and may be imposed upon an individual student or group(s) of students. Disciplinary probation may be imposed for a period not to exceed one year.

8.应该学生违反规定，在经过一定期间的逻辑推理之后，学院的教师权限可能决定将学生进行某种形式的纪律处罚。学生将收到书面的通知。由学院的学术领导发表的意见将会被存于学院的学术记录，并且也将会被存储在学生的永久记录中。

9. Disciplinary Suspension (Education Code Sections 66017; 76030; and 76031). Disciplinary suspension is the exclusion from the campus and other privileges or activities for a definite period of time. Disciplinary suspension serves as a penalty against a student for repeated, continued, or serious violations of the District's and/or College's rules, policies, or regulations. A student may be suspended (a) for one (1) or more classes for up to ten (10) days of instruction; (b) from one (1) or more classes for the remainder of the school term; or (c) from all college classes and activities for one (1) or more terms. A suspended student may be prohibited from occupying any portion of the campus and denied participation in any or all college activities. During the term of the suspension, the suspended student will not be permitted to enroll in classes at West Valley-Mission Community College District. Disciplinary suspensions shall be initiated by the Vice President of Student Services and are subject to the due process procedures outlined below in the following section. The President shall report a disciplinary suspension of any student to the Board of Trustees at its next regular meeting after the suspension has been imposed. A copy of the suspension notice, including the reason for the suspension, shall be placed in the student's discipline file maintained in the Office of the Vice President of Student Services, and shall also be placed in the student's permanent record.

10. Expulsion (Education Code Section 76030). An expulsion for good cause is a permanent termination of student status with readmission to the College upon the express approval of the Board of Trustees. A student may be expelled only by the Board of Trustees after notice has been given and a hearing conducted in accordance with the procedures set forth in the Due Process Procedures section. The Board of Trustees shall expel a student for misconduct whenever other means of correction have failed to bring about proper conduct or when the seriousness of the situation warrants such disciplinary action. A copy of the expulsion notice, including the reasons for the expulsion, shall be placed in the student's discipline file maintained in the Office of the Vice President of Student Services, and shall also be placed in the student's permanent record. Any suspension or expulsion shall preclude enrollment at any and all colleges within the District during the period of suspension or expulsion.

DUE PROCESS PROCEDURES

Consistent with Education Code Sections 66017 and 76030, the student disciplinary actions of interim/emergency suspension, disciplinary suspension, and expulsion are subject to the due process and appeal procedures described herein.

In cases where lesser disciplinary actions have been ineffective in halting student misconduct or the magnitude of the misconduct warrants more severe disciplinary action, the College will initiate the process for a suspension or expulsion. When the decision is made to initiate such a process the representative of the College or other individuals who have knowledge of the violation of the student conduct standards will submit a written account to the Vice President of Student Services. The Vice President of Student Services or designee will deliver in person, or provide via certified mail (accompanied by a return receipt) to the student a copy of the charges against him/her. The charges will list the specific violation(s) of the District Student Discipline Policy, a factual summary of the alleged misconduct, other relevant information, and notice of the due process hearing and appeal procedures. If the student is a minor, the parent or guardian shall also be provided notice of the due process hearing and appeal procedures. The following outlines the procedures:

1. The Vice President of Student Services shall administer these procedures and take appropriate action, subject to the approval of the President and the Chancellor as required herein or as otherwise required by law.

2. Disciplinary action taken under these procedures may be taken regardless of anticipated, pending or completed civil or criminal proceedings arising out of the same act or event.

3. Alleged student misconduct of a serious nature to warrant consideration of suspension or expulsion shall be reported to the Vice President of Student Services, and when reported to or discovered, the Vice President of Student Services shall initiate an investigation of the charges. Should the Vice President of Student Services deem it appropriate to pursue disciplinary actions against the student, he/she shall arrange a meeting with the student prior to issuance of formal charges, at which time the student shall be informed that an investigation is being conducted.

4. If the student is a minor, the student's parent or guardian shall also be provided notice of the due process procedures.

5. Following issuance of formal charges, the student has the right to request a hearing to present information and/or evidence supporting his/her case. Should the student fail to request a hearing, the Vice President, after due investigation and deliberation, shall proceed to impose whatever disciplinary action he/she deems appropriate or recommend appropriate action to the President. If the student requests a hearing, he/she shall be afforded one of the following options:
1. a. A hearing before the Vice President of Student Services/designee, or
   b. A hearing before the College Hearing Board. (For a description of College Hearing Board see the College Hearing Board section). The Vice President of Student Services shall set the time, date, and location for the hearing.

6. Proceeding under option 5a, where a student requests a hearing before the Vice President of Student Services:

1. a. The Vice President of Student Services, or the designee, shall discuss the accusation with the student. The Vice President of Student Services and the student or his/her representative shall have the right to call, examine and cross-examine witnesses. The Vice President of Student Services then may consider any relevant evidence or information presented in the matter, take or recommend disciplinary action if appropriate, and inform the student that if he/she disagrees with the disciplinary action, he/she may appeal to the President for review of the disciplinary action by so informing the Vice President in writing (see Student Appeal Procedures).

b. Following the hearing, in any case where disciplinary suspension is recommended by the Vice President of Student Services, the action shall be reported to the College President within ten (10) business days. The President shall either approve or disapprove the action within five (5) business days of receipt of the disciplinary suspension recommendation. If the President approves, he/she shall impose disciplinary suspension.

c. The President, at his/her discretion, may stay the disciplinary suspension, if he/she feels that the staying of such will not endanger any individual or the College.

d. If after notification, the student fails to appear at the hearing before the Vice President of Student Services, the Vice President may declare the student in default, and proceed as if the student were present at the hearing.

7. Proceeding under Option 5b., where the student requests a hearing before the West Valley or Mission College Hearing Board:

1. a. The Vice President of Student Services or designee shall schedule a meeting of the College Hearing Board within ten (10) working days.
   b. The Vice President of Student Services shall provide the student and the College Hearing Board with a written statement of the charges against the student, and any other relevant information.
   c. The student may select a representative to assist him/her in his/her presentation before the College Hearing Board. If the student is to be represented by legal counsel, he/she must notify the President of the fact at least seven days prior to the date of the scheduled hearing. An attorney shall not represent the student unless, in the judgment of the College, complex legal issues are involved. The Vice President of Student Services or the College Hearing Board may request legal assistance; any legal advisor provided to the College Hearing Board may sit in an advisory capacity to provide legal counsel but shall not be a member of the panel or vote with it.
   d. If the student fails to appear at the time and place designated for the hearing, the College Hearing Board may proceed in his/her absence, declaring him/her to be in default.
   e. The Vice President shall have the proceedings of the College Hearing Board recorded at the meeting, either stenographically or electronically, and any such record shall be maintained at the Office of the Vice President of Student Services for a period of three (3) years.
   f. The hearing before the College Hearing Board shall be conducted in a manner conducive to the determination of the truth. It is not contemplated or required that the hearing be conducted with the formality of a legal proceeding. Formal rules of evidence shall not apply. Any relevant evidence shall be admitted.
   g. At the hearing, unless the College Hearing Board determines to proceed otherwise, the Vice President of Student Services or designee and the student shall be permitted to each make an opening statement. Thereafter, the Vice President of Student Services or designee shall first present any relevant evidence in his/her possession regarding the alleged misconduct; the student may then present any relevant evidence which he/she may have. The Vice President of Student Services or designee may present rebuttal evidence after the student completes his or her presentation. The Vice President of Student Services or designee and the student or his/her representative shall have the right to call, examine, and cross-examine witnesses. Written statements, if any, shall be submitted under penalty of perjury.
   h. After submission of all relevant evidence, the College Hearing Board shall immediately meet in private, and based upon the evidence presented to it, determine the truth of the charges and the recommended disciplinary action, if any, to be imposed upon the student. Upon reaching its decision, the College Hearing Board shall reconvene and announce its decision and recommend the appropriate disciplinary action. Appropriate disciplinary action may include specific sanctions, terms and conditions.

i. The Vice President of Student Services and the student shall be given written notice of the decision of the College Hearing Board and the discipline or sanctions recommended to be imposed within five (5) working days. The Vice President shall implement such disciplinary action, except as provided in the following paragraph of this section.

j. If the recommended disciplinary action involves disciplinary suspension, the College Hearing Board shall forward the findings of fact to the President within ten (10) business days. If the President concurs in the recommendations, he/she shall impose disciplinary suspension. If the President disapproves, he/she shall advise the College Hearing Board within five (5) business days. Any student who has held a recommendation of disciplinary suspension imposed against him/her has the right of appeal to the President. The President, at his/her discretion, may stay the disciplinary suspension, if he/she feels that the decision to stay will not endanger any individual or the College. If the proposed disciplinary action recommended is expulsion, the President shall initiate proceedings before the Board of Trustees, as set forth in section titled Procedures Before the Board of Trustees. If, at the conclusion of the hearing before the College Hearing Board, the student wishes to appeal the discipline imposed or recommended, he/she shall immediately inform the Vice President of Student Services in writing (see Student Appeal Procedures section). Appeals concerning expulsion shall be scheduled for a hearing before the Board of Trustees by the President. Appeals concerning other forms of disciplinary action shall be directed to the President for disposition.

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**College Hearing Board**

1. The membership of the College Hearing Board shall be as follows:

   a. Students. Two (2) students each appointed to an annual term by the Student Senate of the Associated Students of West Valley or Mission College for a one (1) year term, and who shall be appointed not later than the third week of the fall semester.
   b. Faculty. Two (2) faculty members each appointed by the Academic Senate for a one (1) year term, and who shall be appointed not later than the third week of the fall semester.
   c. Classified. Two (2) classified employees appointed by the Classified Senate for a one (1) year term, and who shall be appointed not later than the third week of the fall semester.
   d. Administration. A member of the administrative staff of the College shall be appointed by the President for a one (1) year term. The Vice President of Student Services cannot serve in this capacity.

2. As an administrative agency of the College, the College Hearing Board shall be responsible to the President for acting, reviewing, and making recommendations relative to matters brought before it in accordance with the procedures outlined in these procedures. The College Hearing Board shall appoint one member of the panel to serve as the chairperson.

3. No administrator, faculty member, classified staff, or student who has any personal involvement in the matter to be decided, who is a necessary witness, or who could not otherwise act in a neutral manner shall serve on the College Hearing Board.

4. The Chairperson of the College Hearing Board shall convene a meeting of the Board at the earliest possible opportunity after appointment of members in the fall semester of each school year for the purpose of orientating the members to the responsibilities and duties of the College Hearing Board and the procedures under which it shall function and operate.
**Procedures Before the Board of Trustees:**

1. If the President, his/her designee, the Vice President of Student Services or the College Hearing Board, recommends expulsion, then the matter must be brought before the Board of Trustees by the Chancellor for a hearing, in accordance with these procedures (Education Code Section 76030).

2. Prior to the Board of Trustees’ hearing of an expulsion recommendation, the Chancellor shall deliver a written statement to the President of the Board of Trustees, and to the student and his/her parent or guardian, if the student is a minor or to the student alone, if he/she is an adult. This written statement shall be delivered either personally or by certified or registered mail, and contain the following information:

   a. A recitation in sufficient detail to apprise the student of the charge or charges against him/her.
   b. The date, time and place of the meeting of the Board of Trustees at which the matter shall be considered, and the date shall not be less than ten (10) days from personal delivery or mailing of the written statement to the student. The hearing shall be conducted in closed session of the Board of Trustees (Education Code Section 72122) unless the student submits a written request for an open hearing to the President at least seven (7) days in advance of the schedule hearing. The student must also notify the President at least seven (7) business days in advance if he/she intends to attend the hearing.
   c. A recitation that the student may be represented at the hearing by legal counsel, if so desired. If the student is to be represented by legal counsel, he/she must notify the President of the fact that at least seven (7) days prior to the date of the scheduled hearing. The Board of Trustees may request legal assistance; any legal advisor provided to the Board of Trustees may sit in an advisory capacity to provide legal counsel but shall not be a member of the panel or vote with it.
   d. A recitation of the privilege of the student and/or the parent or guardian to employ the services of a shorthand reporter or stenographer at his/her or their own expense to record the hearing.

2. The Chancellor shall have written summary of the hearing transcribed into the minutes of the meeting of the Board of Trustees, and if the hearing is conducted in closed session, these minutes shall be transcribed and kept in a separate closed session minutes book not open for public inspection.

3. If after notification, the student fails to appear at the hearing before the Board of Trustees, the Board of Trustees may declare the student in default and proceed as if the student were present at the hearing.

4. After the hearing has been declared open, the Vice President of Student Services shall make a statement and present any relevant evidence and information, either oral or documentary, which he/she has in possession. The Vice President of Student Services shall, if the matter has been heard by the College Hearing Board, present a copy of the College proceedings on the findings of fact. Upon conclusion of the presentation by the Vice President of Student Services, the student and/or parent or guardian, and/or their legal counsel, may make a statement and present any relevant evidence or information, either oral or documentary, which he/she or they may possess. Each side shall also have the opportunity to offer rebuttal evidence.

5. A prospective witness must either be sworn, or affirm to tell the truth. In the absence of both, the Board of Trustees may deny him/her the right to testify, or may proceed with the hearing, giving consideration to this fact when deliberating the testimony. Witnesses shall be subject to cross-examination by the other party, and inquiry of the members of the Board of Trustees. Written statements of absent witnesses shall be received only if submitted as affidavits or declarations under penalty of perjury.

6. Upon hearing all relevant evidence and information submitted, any final statements of the Vice President of Student Services, and/or the student, parent or guardian (if the student is a minor), and/or their counsel, the Board of Trustees shall confer in private and consider the evidence presented and reach its determination in the matter. When these deliberations are completed, the Board of Trustees shall reconvene in open, public session and announce its decision by recording a vote on the matter into the minutes of the meeting which shall be open to public inspection.

7. Within ten (10) days after the Board of Trustees takes it final action, the President shall deliver to the student and/or the student's parent or guardian, if the student is a minor or the student alone, if he/she an adult, either in person or by registered or certified mail, a letter setting forth the final action of the Board of Trustees, and a copy shall be filed in the student's permanent record and in the files of the Board of Trustees. If the Board of Trustees expels the student, the Vice President of Student Services shall proceed to implement the disciplinary action as soon as practicable, unless otherwise directed by the Board of Trustees.

8. In any case where the Board of Trustees imposes expulsion based upon the student having disrupted the orderly operation of the College, the Board of Trustees, as part of its final action, may deny the expelled student access to the College Campus. If such condition is imposed by the Board of Trustees, the letter of notification required to be given by Paragraph 8 of this Section shall contain a statement of such condition and its duration.

9. The College shall retain records of all disciplinary investigations, proceedings, and action.

**STUDENT APPEAL PROCEDURES**

With the exception of recommendations of expulsions which are subject to appeal to the Board of Trustees, students may appeal the findings of the College Hearing Board to the College President. Such appeal may be based only on the following grounds:

1. Required procedures were not properly followed;

2. New evidence, not reasonably available at the time of the hearing is presented and is of sufficient importance to warrant reconsideration;

3. The findings were unsupported by evidence in record made before the hearing; or

4. The sanction imposed for the violation was unreasonably harsh or inappropriate when viewed within the context of the nature of violation.

Timelines for this appeal process are delineated below:

- The student has five (5) days from receipt of the findings of the hearing to file a written appeal with the Vice President of Student Services. The Vice President of Student Services will forward this appeal to the College President.
- Upon receipt of the written appeal, the President has ten (10) days to conduct an appeal hearing and five (5) days from that appeal to hand deliver or mail (by certified mail).
- The appeal hearing shall consist of a review of the record of the student's original and presentation of information pertinent to the grounds for the appeal.
- Upon mutual agreement between the student and the College President, time limits may be extended.

Effective Date: December 20, 2010

District Policy: Student Grievance 5530

Purpose: A grievance may arise from a decision or action that has an adverse effect on a student with respect to his/her education rights. It may arise when a student believes he/she has been denied education rights provided by college, state and federal policies, rules, or laws. A student may seek redress through the following procedures:

**Procedures:**

Step 1. The complainant will first attempt to resolve his/her grievance by discussion with the person or group directly involved in the matter within five (5) working days after the occurrence of the alleged grievance.
Step 2. If the issue is not resolved to the satisfaction of the complainant, there shall be a conference within five (5) working days of Step 1. This conference shall include the principals involved i.e., the complainant, the accused, and the immediate supervisor. Prior to arranging the meeting, the supervisor shall check with the accused to ensure that the complainant has met with the accused.

The supervisor shall hear from both parties and seek to resolve the matter. The supervisor shall then provide a written summary of findings to the Vice President of Student Services, complainant and respondent.

Step 3. If the issue has not been resolved satisfactorily after the complainant has completed the procedures outlined in Step 1 and Step 2, the complainant shall declare that a grievance exists and shall submit a written statement to the Vice President of Student Services. The grievance must be submitted as an email containing an explanation of the events within five (5) working days of Step 2.

Step 4. With the receipt of the complainant's written grievance and the supervisor's Summary of Findings, the Vice President of Student Services will ensure that the grievance issues contained on the complainant's explanation of events letter are consistent with those issues contained in the supervisor's Summary of Findings. The Vice President of Student Services may dismiss a grievance that has been determined to be inconsistent.

Step 5. If needed, the Vice President of Student Services shall set the time, date, and location for a formal grievance hearing. The hearing shall be held within ten (10) working days of the grievance being submitted.

**Grievance Hearing**

1. The grievance hearing shall involve the complainant, the accused, the appropriate supervisor, and the Vice President of Student Services. The principals involved in the matter may have one representative present at the grievance hearing.

2. Individuals participating in the grievance hearing shall discuss the charge(s), hear testimony, receive all available evidence pertaining to the charge(s), and when appropriate, examine witnesses. Either party will be notified in advance of the hearing if witnesses will be present.

3. The complainant shall assume the burden of proof.

4. The Vice President of Student Services shall judge the testimony and evidence and limit the investigation strictly to the complaintant's charge(s).

5. A record of the proceedings shall be maintained by the Vice President of Student Services. A transcript of the hearing will be provided to the complainant and to the accused.

6. Within ten (10) working days after the grievance hearing, the Vice President of Student Services shall submit his/her recommendation(s) to the President. If the President is involved in the dispute, the recommendation(s) shall be forwarded to the District Governing Board.

7. Within five (5) working days of the receipt of the Vice President of Student Services's recommendation, the President shall render a decision and shall forward it to the complainant and to the accused.

**Procedure: Appeal Procedure**

The complainant or accused may appeal the President's decision to the Chancellor. The appeal shall be considered by the Chancellor. All final appeals will be brought before the District Governing Board by the Chancellor.

**Records**

All records of the grievance proceedings shall be retained in a grievance file by the Vice President of Student Services. Only the principals, who are directly involved in the grievance, the President, the Vice President of Academic Affairs, the Vice President of Student Services, and the appropriate campus supervisor, shall have access to the file.

Effective Date: January 18, 2012
**GRADING SYSTEM**

**ACADEMIC RENEWAL**

Pursuant to California regulations governing community colleges, a student is permitted to request that substandard academic work (D, F, NP or NC) be disregarded from his/her cumulative grade point average when such work does not reflect current demonstrated ability or level of performance. A maximum of 24 units of course work may be requested from either one or both colleges in the student’s cumulative grade point average. A student who wishes to qualify for a degree, certificate, or transfer may petition the designated academic appeals committee at their college of attendance by submitting their petition to the appropriate college office. Academic renewal does not guarantee that other colleges will accept this action. The acceptance of academic renewal is at the discretion of the receiving institution.

**Limitations to Academic Renewal:**

1. A maximum of 24 units of work which is substandard (D, F, NP, NC) and not reflective of the student's present scholastic level of performance may be alleviated and disregarded in the computation of grade point average.
2. A period of at least two semesters must have elapsed since the most recent work to be alleviated was completed.
3. Subsequent to the semester(s) for which academic renewal is sought, the student must have completed an additional 12 semester units of study in the District or at another accredited institution with a cumulative grade point average of at least 3.00 or 24 semester units of work with a cumulative grade point average of at least 2.00.
4. The College will disregard courses selected by the student in consultation with a Counselor.
5. The academic renewal policy will ordinarily be applied only when alleviation of prior work is necessary to qualify a student for: a program, transfer to another institution, completion of a certificate program or graduation from the College.
6. Determination of the applicability of this policy will be made only following formal application to the appropriate College appeals body.
7. When academic work is alleviated, the permanent record shall be properly annotated in a manner to ensure that all entries are legible, and that a true and complete record is maintained. Academic renewal is not reversible once posted to the transcript.

**COURSE REPETITION**

1. Course Repetition: Grade Alleviation
   a. A student who has earned a grade of “D,” “F,” or “NP” in a credit course at any College in the District may repeat the course for the purpose of grade alleviation.
   b. A student may repeat a credit course for purposes of grade alleviation three times. A student may petition the appropriate College appeals body for permission to repeat a course more than once, but the petition will be granted only based on a finding that unusual circumstances exist which justify a second repetition.
   c. Upon satisfactory completion of the repeated course, the last grade earned in the repeated course is used in the computation of the grade point average.
   d. In no case will the unit value of the repeated course be counted more than once.
   e. The permanent academic record shall be annotated in such a way that all courses attempted will be indicated on the transcript in showing a true and complete academic history.

2. Course Repetition: Special Circumstances
   a. Under special educationally justifiable circumstances, repetition of credit courses other than those for which substandard work has been recorded may be permitted.
   b. A student may petition the appropriate College appeals body to authorize course repetition consistent with the California Code of Regulations, Title 5, § 55762-3.

**GRADE CHANGES**

Pursuant to California regulations governing community colleges, a student is permitted to request that substandard academic work (D, F, NP or NC) be disregarded from his/her cumulative grade point average when such work does not reflect current demonstrated ability or level of performance. A maximum of 24 units of course work may be requested from either one or both colleges in the student’s cumulative grade point average.

A student who wishes to qualify for a degree, certificate, or transfer may petition the designated academic appeals committee at their college of attendance by submitting their petition to the appropriate college office. Academic renewal does not guarantee that other colleges will accept this action. The acceptance of academic renewal is at the discretion of the receiving institution.

**GRADING SYSTEM**

**Evaluative Grade Symbols**

Grades from a grading scale shall be averaged on the basis of the point equivalencies to determine a student's grade point average. The highest grade shall receive 4 points and the lowest grade shall receive 0 points, using only the following evaluative symbols, except if a student receives a non-evaluative grade symbol (see below):

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Definition</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Satisfactory</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Passing, less than satisfactory</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failing</td>
<td>0</td>
</tr>
<tr>
<td>P</td>
<td>Pass (at least satisfactory, units awarded not counted in GPA)</td>
<td>No value</td>
</tr>
<tr>
<td>NP</td>
<td>No Pass (less than satisfactory, units not awarded)</td>
<td>No value</td>
</tr>
</tbody>
</table>
A student's grade point average on this 4.00 scale is calculated in the following manner: the grade points for each course in which the student is enrolled are first determined by multiplying the grade point value for the grade awarded times the number of semester units represented by the course. Next, total grade points are summed for all courses in which a grade of A, B, C, D, or F has been awarded. This total is then divided by the total number of units for all courses in which one of these five grades was awarded.

### INCLUSION/EXCLUSION OF UNITS ATTEMPTED

The determination of the applicability of the policy on academic probation and dismissal will be based on the inclusion of:

1. All units in which the student has been officially enrolled, except those in which the student has been assigned a grade or non-evaluative symbol of "W," "MW," "EW," "P," "NP," "SP," "I," "RD," or "IP" when computing grade point average.
2. All units in which the student has been officially enrolled, except those in which the student has been assigned a non-evaluative symbol of "MW," "EW," "RD," or "IP," when applying the satisfactory progress rule.
3. All District units in which the student has been enrolled will be utilized in determining the applicability of the policy on academic probation and dismissal.

### NONEVALUATIVE SYMBOLS

1. **I** - Incomplete
   
a. The grade "I" may be recorded when students doing passing work and regularly attending at least 75% of a course are unable to take the final exam or otherwise complete the course because of illness or other unforeseeable emergency and justifiable reasons. Conditions for the removal of the "Incomplete" shall be set forth by the faculty member in a written record which also indicates the grade assigned in lieu of removal. The student will receive a copy of this record and a copy will be filed by the Director of Admissions and Records or the responsible Vice President. A final grade will be assigned by the faculty member when the stipulated work has been completed and evaluated. The 'I' grade shall not be used in either calculating units attempted or for the computation of the grade point average.

b. An "Incomplete" grade must be made up no later than one year following the end of the term in which it was assigned. Established College procedures may be utilized to request a time extension in cases involving unusual circumstances.

2. **IP** - In Progress
   
a. This symbol is to be used in the student's permanent record to confirm enrollment and to indicate that the class extends beyond the normal end of the term. It indicates that work is "In Progress" and that unit credit and a grade will be assigned when the course is completed.

b. If a student enrolled in an open-entry, open-exit course is assigned an "IP" grade and does not re-enroll for the subsequent attendance period, the faculty member will assign an evaluative symbol, in accordance with evaluative symbols in S.6.5(a) above, to be recorded on the student's permanent record for the course. The "IP" grade shall not be used in the computation of grade point average.

3. **RD** - Report Delayed
   
a. This symbol is to be used only by the Director of Admissions and Records or the designee of the responsible Vice President for the purpose of indicating that there has been a delay in reporting the grade due to circumstances beyond the control of either the student or the Admissions and Records Office. It is to be replaced by a permanent symbol as soon as possible.

b. The "RD" grade shall not be used in the computation of the grade point average.

4. **W** - Withdrawal
   
a. The student may withdraw from a semester length class through the end of the 2nd week and no notation will be made on the student's academic record. In courses of less than a regular semester's duration, a student may withdraw prior to the completion of 10 percent of the period of instruction and no notation will be made on the student's record.

b. Thereafter, a student may withdraw from a semester-length class, whether passing or failing, at any time through the last day of the twelfth week of instruction and a "W" grade shall be authorized. In courses of less than a regular semester's duration, a student may withdraw prior to the completion of 75 percent of the period of instruction and a "W" grade shall be authorized.

c. The academic record of a student who remains in class beyond the time periods set forth above must reflect an authorized symbol other than "W." However, after the end of the twelfth week (or after 75 percent of the period of instruction in courses of less than a regular semester's duration), withdrawal may be authorized in the case of extenuating circumstances beyond the control of the student. In such cases, the student must submit a petition in accordance with established College procedures. Approved withdrawal, under the conditions set forth, shall be recorded as a "W."

d. A student is only allowed to attempt a three times when they receive a W, NP, D or F grade. The student will have to visit Admissions & Records to request the third and final repeat in person during the registration period.

5. **MW** - Military Withdrawal
   
a. "Military Withdrawal" occurs when a student who is a member of the active or reserve United States military service receives orders necessitating a withdrawal from classes. Upon verification of such orders, the withdrawal symbol of "MW" shall be assigned. Military Withdrawals shall not be counted in "satisfactory progress" probation and dismissal calculations. Further, the following courtesies are available to the student:

   i. In lieu of an "MW" symbol, a student may directly petition the faculty member for an Incomplete ("I") grade. If granted, the student will receive an "IMW." This grade will default to a "MW" grade as opposed to one of the standard letter grades if the student fails to ever complete the class.

   ii. In the case of a student who is an active or inactive member of the military service and who receives orders compelling a withdrawal from courses, the District shall, upon petition of the affected student, refund the entire enrollment fee for courses in which academic credit is not awarded.

   b. Appeals of Withdrawal Decisions: A student may appeal a decision regarding withdrawal in accordance with District policy, 5.21 (Student Grievances and Appeals) and the California Education Code. The District shall maintain procedures for such appeals and those procedures shall be published and widely available to students.
6. EW - Excused Withdrawal

(In accordance with Title 5, section 55024(e), the governing board of a district shall adopt an EW procedure based upon verifiable documentation supporting the request. An EW is acceptable when a student withdraws from a course(s) due to reasons beyond their control, which include but are not limited to, the following:

a. Job transfer outside the geographical region;

b. Illness in the family where the student is the primary caregiver;

c. An incarcerated student in a California State Prison or County Jail is released from custody or involuntarily transferred before the end of the term (in the case of an incarcerated student, an excused withdrawal cannot be applied if the failure to complete the course(s) was the result of a student's behavioral violation or if the student requested and was granted a mid-semester transfer);

d. The student is the subject of an immigration action;

e. Death of an immediate family member;

f. Chronic or acute illness;

g. Verifiable accidents; or

h. Natural disasters directly affecting the student.

Verifiable documentation can include, but is not limited to a note from a doctor stating the student is not currently able to complete the work due to illness, employment verification of a new job, a booking report, police report of an accident, or any other documentation that proves the student's completion of a course is impractical. The Chancellor's Office defines impractical as impossible due to reasons beyond the student's control. The determination shall be made by the local college's admissions and records office. A student may request to use an EW for only one course or all courses in a term depending on the reason for the request. It is possible a student, based on an illness for example, is not able to participate in an in-person course but is able to continue with online courses. Colleges should use individual case facts to determine the continuity of some courses and not others. A student with an approved EW grade may file a petition with the district requesting a refund of the enrollment fee. Therefore, the governing board of a district shall adopt a procedure for refunding the entire fee for an approved EW grade, unless the student is awarded academic credit or they received a grant paying for the enrollment fee or waiver of these. Units for courses assigned an EW grade may be included in FTES calculations and reporting. In accordance to Title 5, section 55024(e), an EW symbol may be requested by the student at any time during the semester and no later than the date when WVMCCD the district/college policy allows a grade change. Excused Withdraw shall not be counted in progress probation or dismissal calculations nor shall it be counted towards the permitted number of withdrawals or counted as an enrollment attempt. The financial aid of a student may be affected depending on individual circumstance. A student should consult with the financial aid staff regarding any impact. These guidelines are to be effective immediately. All districts shall communicate the option of an EW to all students in the same method other withdraw options are communicated. This can be via grading policy publications, website postings, course catalog, and/or petition forms.

PASS/NO PASS

Courses may be offered in either or both of the following categories (as referenced in The California Code of Regulations, Title 5 §55752):

1. Courses in which all students are evaluated on a “Pass/No Pass” basis.

   a. When a course is offered in which credit is awarded on the basis of a single satisfactory standard of performance, the “Pass/No Pass” grading standard must be utilized. Pass (P) shall be awarded for meeting that standard and No Pass (NP) for failure to do so.

   b. Transfer of Credit Units: a student is responsible for checking with a counselor or transfer institution to determine any limitation on the transfer of credit units.

   c. Maximum Number of Credit Units: A maximum of 20 credit units of the “Pass/No Pass” type may be applied toward the completion of the associate degree; units earned on a Pass/No Pass basis shall not be used to calculate grade point averages. Pass/No Pass units attempted for which No Pass (NP) is recorded, however, shall be considered in probation and progress dismissal procedures.

2. Courses in which a student may elect on registration, or within a prescribed period, not to exceed the first 30 percent of the term, whether the basis of evaluation is to be “Pass/No Pass” or a letter grade.

   a. Courses in which such option exists will be so designated by the Department Chair in consultation with appropriate members of the Division faculty within each College.

   b. The utilization of courses graded on a “Pass/No Pass” basis to satisfy major or certificate requirements must be approved by the Department Chair in consultation with appropriate members of the Division faculty within each College.

   c. A maximum of 20 units toward an Associate degree may be applied from courses in which the student has elected a “Pass/No Pass” option.

SATISFACTORY PROGRESS

Title 5, section 55023 includes SP as an official grading designation. This evaluative symbol is defined as “Satisfactory Progress towards completion of the course (used for noncredit courses only and is not supplanted by any other symbol).” The adoption of this new grading designation was preceded by a substantial vetting process that was initiated in 2009 when the effort of establishing a grading system for all noncredit providers began. The SP designation completes the list of noncredit progress indicators, which already includes P (passing) and NP (no pass). These two grade indicators have been in existence but were insufficient on their own because the progress of noncredit students cannot be divided into passing and non-passing cohorts without losing track of efforts made towards attendance and course completion by students who, for a variety of reasons, cannot complete their courses in a single academic term.

Noncredit apportionment is based on positive attendance, which means that noncredit institutions are reimbursed by the state only for students who are attending classes. Because of the open entry – open exit system of noncredit institutions, students are free to come and go from the class of their choosing. Students with the fewest hours of attendance earn an NP grade because they are not able to achieve the course outcomes in the limited time they attend. Students with P grades normally attend school more consistently and are able to achieve the course outcomes. The SP designation shows that students are progressing and have acquired some of the skills and knowledge needed to achieve course outcomes but still have work to do. The SP designation is therefore a reflection of student progress and success.

A grade of SP may be awarded to a student who has met at least one of the following criteria:

- Did not attend enough class meeting (e.g. added to class too late) to adequately learn the materials
- Demonstrated improvement/making progress, but not enough to pass
- Showed consistent effort, but overall low scores
- Has imbalanced skills
- Missed several class meetings for a legitimate reason and exhibits potential for successful completion of program level when able to attend for the duration of the term
ADMINISTRATORS

President
KASHIMA, STEPHANIE 2002
President
B.A., English Literature, New York University; M.A., English, University of Wisconsin

Vice Presidents
GLEIXNER, STACY 2020
Provost and VP of Academic Affairs
B.S., Materials Science and Engineering, M.I.T; M.S., Materials Science and Engineering, Stanford University; Ph.D., Materials Science and Engineering, Stanford University

GRIFFITH, DEBRA, 2018
VP of Student Services
B.A. Sociology, Long Island University (Brooklyn Campus), M.A., Counseling & Student Personnel, Ed.D. Organizational Leadership, Argosy University San Francisco Bay Area

MORIKANG, MARILYN 2021
VP of Administrative Services
B.S., Business Administration/Finance, University of Buea, Cameroon; M.S., Management/Accounting, University of Maryland Global Campus

Deans
DYER, CHRIS, 2010
Vice Provost, Academic Affairs
Skills Certificate, Culinary Arts; Cabrillo College; B.S. Mathematical Physics, UC Davis; M.S. Applied Mathematics, UC Davis; Continuing graduate education in Statistics, UC Santa Cruz

GAMBA, RAYMOND, 2018
Dean, Social Science

GREEN, MURRELL, 2021
Dean, Academic Counseling & Student Success
BA Psychology, Clark Atlanta University, MA College Counsesling, San Francisco State University, Ph.D. Educational Leadership and Management, Drexel University

HYATT, LAURA, 2018
Dean, Science & Mathematics
A.B. Biology, Smith College, Northampton, Massachusetts; Ph.D. Ecology and Evolutionary Biology, University of Pennsylvania, Philadelphia, Pennsylvania

JOHNSON, JENNIFER, 2018
Dean, Language Arts
B. A., Communication Arts and Sciences, University of Southern California; M.A., Communication Studies, CSU Northridge; Ph.D., Educational Policy, Planning and Administration, University of Southern California

McDEVITT Jr., JOSEPH MICHAEL, 1998
Interim Dean, Enrollment Services
B.A., Spanish Literature and Government, Skidmore College; M.A., Counseling Psychology, University of San Francisco

PAQUIER, RENEE, 2011
Dean, Professional Studies
B.A., International Relations, California State University, Chico; M.C.J., Criminal Justice, Boston University, Boston, Massachusetts

PRICE, SHANNON, 2020
Dean, Art & Design
BA, Anthropology, UC Berkeley; MA, Visual Culture, NYU; MPhil, Decorative Arts, Design History & Material Culture, Bard Graduate Center

VLAHOS, JOHN, 2001
Dean, Health & Human Development/Athletics
B.S., Finance, Santa Clara University; M.S., Sports Leadership, Virginia Commonwealth University

Directors
DAVID, ERICA, 2018
Acting Director, TRIO
M.A., Counseling and Guidance

FORREST, ALFRED, 2015
Director, Student Health Services
Undergraduate Education, Pomona College, Claremont, Calif; M.D., Medical Doctorate, University of Southern California, Los Angeles; J.D., Jurist Doctor, University of Southern California, Los Angeles

GRABIEL, ERIC J., 2020
### Personnel

**Director, School of Continuing Education**  
B.A., History, UCLA; Masters of Public Policy, CSUMB

**HERNANDEZ, SAMANTHA FIGUEROA, 2020**  
Director, Student Needs  
B.A., Sociology with an emphasis on Race and Ethnic Studies, San Jose State University

**MARQUEZ, VIRGINIA, 2016**  
Director, EOPS/CARE/CalWorks  
B.A., California State University Long Beach; M.A., Higher Education Administration, San Jose State University

**NOJIMA, STACY, 2021**  
Director, Student Equity Experience  
BA American Multi-cultural studies and English, Sonoma State, MA American Studies, University of Hawaii, Manoa; Ph.D. American Studies, University of Hawaii, Manoa

**VILLAGOBOIS, LEOPOLDO, 2021**  
Interim Director, Outreach  
B.S., Business Administration, CSULB; M.A., Public Policy & Admin, CSULB

**VOSSUGH, TINA, 2021**  
Director, Marketing & Communications  
B.A., Communication, University of Louisville

### Executive Cabinet Members

Stephanie Kashima  
Chris Changras  
Stacy Gleixner  
Debra Griffith  
Marilyn Morikang  
John Vlahos  
Tina Vossugh

### FACULTY

**ANDERSON, RACHEL, 2019**  
Instructor in Biology  
B.S., Biology, William and Mary College; Ph.D., Ecology, University of California, Davis

**ARCHER LAKHANI, ESTHER, 2010**  
Instructional Technician, Music  
B.A. University of California, Berkeley; M.M. University of Michigan, Ann Arbor

**ARNOLD, KATHY, 2005**  
Instructor in Art  
B.F.A., Phi Kappa Phi, University of Kansas, Lawrence, Kansas; M.F.A., Art; Honors, University of Kansas, Lawrence, Kansas

**BANGLE, ANGELICA, 1993**  
Counselor/Instructor  
B.S., Organizational Behavior, University of San Francisco; M.A., Counseling, San Jose State University; Ed.D., Educational Leadership and Change, Fielding Graduate University

**BAUTISTA, JOSE, 2004**  
Instructor in Psychology  
B.A., Psychology, San Jose State University; M.A., Psychology, San Jose State University

**BOWERS-GACHESA, WENDY, 1999**  
Instructor in Nutrition Studies  
B.A. General Studies (BGS), University of Michigan; Master of Public Health Nutrition (MPH), University of North Carolina, Chapel Hill

**BRUECKER, WILLIAM, 2019**  
Instructor in Mathematics  
B.S., Mathematics, Ball State University; M.A., Mathematics, Ball State University

**BRICHKO, ANNA, 2004**  
Instructor in French  
B.A., French and German, M.A., French and German, Ph.D., Linguistics, Moscow University, Russia

**BRUECKNER, HEIDI, 2000**  
Instructor in Art  
B.A., Art History and B.A. Studio Art, University of California at Santa Cruz; M.F.A., University of Kansas

**BUCHER, JOE, 2016**  
Counselor & Puente Co-Coordinator  
B.A., Child Development, San Jose State University; M.A., Counselor Education, San Jose State University

**BULUT, CIGDEM, 2006**  
Instructor in Interior Design  
B.F.A., Interior Architecture and Environmental Design, Bilkent University, Turkey; M.A., Interior Design, Iowa State University

**BURRILL, LEIGH, 2003**  
Instructor in English  
B.A., Philosophy and Women's Studies, University of California, Los Angeles; M.A., Literature and Composition, San Francisco State University
BUTCHER, ALYSON, 2001
Instructor in Mathematics
B.S., Mathematics, Sonoma State University; M.S., Statistics, Oregon State University

BYERS, MICHAEL, 1998
Counselor/Instructor
A.A., Liberal Arts, Orange Coast College; B.A., Journalism, Public Relations Emphasis, Humboldt State University; M.S.W. Master of Social Work, Clinical Concentration, Children, Youth and Families Emphasis, San Diego State University

CARDAMONE, ANDREW, 2019
Counselor, Athletics
B.S., Psychology, Saint Joseph's University; M.A., Counseling and Psychological Services, Springfield College

CARDENAS, ALICIA, 2008
Counselor
B.S. Administration of Justice and Minor, Sociology, San Jose State University; M.A., Counseling Education, San Jose State University.

CASTELLINI-PATEL, SYLVIA, 2014
Instructor in World Languages
M.S. Spanish, San Jose State University; M.A. Foreign Languages or Laurea Magistrale in Foreign Languages and Literatures (English and German) at the State University of Milan

CASTILLO, VICTOR, 2018
Instructor in Administration of Justice
San Jose State University, B.S., Administration of Justice; Boston University, Master of Criminal Justice; Los Rios Public Safety Training Center- Juvenile Correctional Officer Core Academy; South Bay Public Safety Training Consortium, Deputy Probation Officer Core Academy

CHALLAS, JASON, 2005
Instructor in Art
B.A., Special Major, Computers in Fine Art and Music, SJSU. M.F.A., Computers in Fine Arts from San Jose State University

CHEN, SERKUANG, 2018
Instructor, Mathematics
M.S., Mathematics with emphasis in statistics, San Jose State University; M.S., Computer Science; B.S., Computer Science

CHIN, BRAD, 1999
Instructor in Mathematics
B.A., Applied Mathematics, University of California, Berkeley, Ph.D. Applied Mathematics, University of California, Berkeley

CHOW, BICKIE LEE, 2015
Counselor, EOPS
B.A., Psychology, University of California, Davis; M.A., Education, Counseling, and Student Personnel Services, San Jose State University

CISNEROS-DIAZ, REBECCA, 1999
Instructor in English
B.A., English, St. Mary's College; M.A., English, University of Vermont

CLAY, WHITNEY, 2004
Instructional Designer
B.A., Comparative Literature, U.C. Santa Cruz; M.F.A., Film Production, Ohio University; M.A., English Composition, Graduate Certificate in the Teaching of Postsecondary Reading, San Francisco State University

CLAY, WILLIAM, 2004
Instructor in Theatre Arts
B.A., Film & Video, Middlebury College; M.F.A, Film Production, Ohio University

COLON, JASMINE, 2017
Librarian
B.A., Literature, UCSC; M.L.I.S, SJSU.

COLSON, JUDITH, 1995
Instructor in DESP, Learning Specialist
A.A., Social Science, Canada College; B.A., Liberal Arts, California State University Chico; M.A., Education with emphasis in Special Education, Santa Clara University

CORREJO, ROBERT, 2002
Instructor in Music
B., Music Composition, University of British Columbia; Professional Development Program, Teacher Certification, Simon Fraser University; M. Music, Choral Conducting, Central Washington University

CRUZ, CHRISTOPHER, 1998
Instructor in Park Management
B.A. Spanish Culture and Civilization, Indiana University; M.A. Environmental Studies, Prescott College

CRYER, CHRISTOPHER, 1997
Instructor in Art
B.A., Art, C.S.U. Stanislaus, M.F.A., Computers in Fine Art, San Jose State University

CUTTLER, NICOLE, 2010
Instructor in English
B.A., English Literature, University of California at Berkeley; M.A., English Composition, San Francisco State University

DAVIS, BILL, 2012
Instructor in English
B.A., English, University of Colorado at Boulder; M.A., English, Claremont Graduate University; Ph.D., American Lit and Culture at Claremont Graduate University

DAVIS, TROY, 2018
Instructor in Music/Director, Instrumental Music & Jazz Studies
B.M., Oboe Performance, San Francisco Conservatory of Music; M.A., Teaching, Notre Dame de Namur University; D.M.A, Music Education, Boston University

DE LA ROSA, LOU, 2004
Instructor in Music
Personnel

B.A., Music - Voice, San Jose State University; M.A., Music - Choral Conducting, San Jose State University

DEDEN, TOM, 2002
Instructor in Sociology
B.S., Business Administration, University of Southern California; M.A., Sociology, University of Michigan, Ann Arbor

DOTSON, LAURIE, 2019
Instructor in Child Studies
B.A., Child Development, San Jose State University; M.A., Education Administration and Supervision, San Jose State University; M.A., Special Education, Santa Clara University;

EHLERS, GRETCHEN, 2006
Instructor in Mathematics
B.A., Mathematics, Pomona College; M.A., Education, Stanford University; M.A., Mathematics, San Jose State University

EITELGEORGE, SCOTT 2008
Instructor in Kinesiology
B.A., History, St. Mary's; M.A., Health, Physical Education & Recreation, St. Mary's

ELDRIDGE, GLENN, 2014
Instructor in Chemistry
B.S., Chemistry, California Polytechnic State University, San Luis Obispo; Ph.D., Chemistry, UC Irvine

EPPERSON, DOUGLAS, 2004
Instructor in Physics
B.S., Physics, Sonoma State University; M.S., Physics, San Francisco State University; Ph.D., Physics, University of California, Santa Cruz

FARD, MARYAM B., 2004
Counselor, Business and Professional Studies
B.S., Mathematics, Shahid Beheshti (Melli) University, Iran; M.A., Counseling Education, San Jose State university

FABIAN, MITRA, 2013
Instructor in Art
B.A., Art, Kenyon College; M.F.A. Sculpture, California State University, Northridge

FARRELL, MEG, 2004
Instructor in Communication Studies
IDD Certificate, Instructional Design and Delivery, UC Santa Cruz Extension; B.A., Speech Communication, Organizational Emphasis, San Diego State University; M.A., Communication Studies, San Jose State University

FENSTERMACHER, DAN, 2018
Instructor in Photography
B.S., Advertising, University of Idaho; M.F.A., San Jose State University

FLOHIC, HELENE, 2020
Instructor in Physics
B.S. Astronomy, University & Astrophysics, Pennsylvania State University

FLYNN, ELIZABETH, 2020
Instructor in Chemistry
B.A., Chemistry, College of Charleston; M.S., Chemistry, UC Santa Cruz

FOREHAN, JEFF, 2005
Instructor in Music
M.A., Music w/ Emphasis in Recording Arts & Electronic Music, California State University, Chico; B.A., Music 'With Distinction' Sonoma State University

FRANCIS, MICHELLE ANDERSEN, 2008
Instructor in Child Studies
B.S. Communications Education/Spanish Minor, Miami University, Oxford, OH; M.A., Reading Education, University of Georgia, Athens, GA; Ph.D., Teaching and Learning, Capella University Minneapolis, MN

FUJISHIN, JARED, 2020
Instructor in Communication Studies
B.A., Intercultural Studies; Theology, William Jessup University; M.A., Strategic Communication, Liberty University

GAIERO, KRISTINA, 1999
Instructor in Health Care Technologies
A.S., Medical Assisting, Fresno City College, B.A., Health Services Administration, Saint Mary's College of California; Ed.D., Educational Leadership, Saint Mary's College of California

GALLARDO, LETICIA 2007
Instructor in Biology
A.A., Natural Sciences, A.A., Liberal Arts and Sciences, College of Marin; B.S., Integrative Biology, University of California, Berkeley; M.S., Biology, Arizona State University

GARCIA, ALMA 2021
Counselor, School of Language Arts
M.S., Social Work, SJSU, M.A., Counselling Education, SJSU

GEARY, MICHELLE, 2004
Instructor in Biology
B.A., Biology (Botany concentration) Sonoma State University; Ph.D., Plant Biology, University of California, Davis.

GERZANICS, JANINE, 2000
Instructor in Journalism/English

GHAHARAMANI, SOROUSH, 2006
Instructor in Architecture, Department Chair
Master of Architecture, Ph.D., Monument Restoration, University of Rome "La Sapienza" Rome Italy

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GHODRAT, NANCY, CPA, 2005
Instructor in Accounting
M.S., Taxation, San Jose State University; B.S., Business Administration (Accounting)

GONZALEZ, JESUS, 2019
Instructor in Mathematics
B.S., Mathematics-Mathematics Education, California State University Long Beach, M.S., Mathematics, California State University Long Beach

GRAY, DULCE, 2004
Instructor in English
B.A., English and Secondary Education, Lehman College; M.A., English; City University of New York; Ph.D., English, Indiana University, Bloomington

GUTIERREZ, NICHOLA, 2005
Instructor in Political Science
B.A., International Affairs, Eastern Washington University; M.A., Government, New Mexico State University

GUZMAN, RON, 2002
Instructor in Art
B.A., Studio Art/Art History, Sonoma State University; M.F.A., Pictorial Arts, San Jose State University

HACKWORTH, CHERYL, 2006
Instructor in Biology
B.S., Molecular, Cell, and Developmental Biology, UCLA; Ph.D., Plant and Microbial Biology, UC Berkeley

HANNIGAN, JOHN, 2002
Instructor in Communication Studies
A.A., Liberal Arts, West Valley College; B.A., Communication Studies, San Jose State University; M.A. Communication Studies, San Jose State University; Ph.D., Organizational Management, Capella University

HARRIS, LENORE, 2002
Instructor in English
B.A., Social Science, University of California, Berkeley; M.A., Writing, University of San Francisco

HARRISON, BLAINE, 1998
Instructor in Chemistry
B.S., Bio-Chemistry, Cal Poly State University (San Luis Obispo); Ph.D., Chemistry, University of California, Santa Cruz

HASTY, JOE, 2003
Instructor in Geography
B.A., Geography and History, Chico State University; M.A., Geography, San Jose State University

HENDERSON, JIM, 2001
Instructor in Business and Accounting
B.A., Accounting, San Francisco State University

HILLER, REBECCA, 2014
Instructor in Mathematics
B.S., Applied Math & Biology (double major), Humboldt State University; M.A., Mathematics, emphasis in Applied Math, Humboldt State University

HO, JENNIFER, 2013
Instructor in Sociology
B.A., Sociology - Criminology Concentration; M.A., Sociology

HOPKINS, STACY, 2005
Instructor in Paralegal
B.S. Political Science California University Chico; J.D. Santa Clara University School of Law

HOTTA, LESLIE, 1996
Instructor in Child Studies
A.A., Early Childhood Education from West Valley College; B.A., Computer Mathematics from San Jose State University; M.A. Human Development from Pacific Oaks College

HURD, DIANE TSUKAMOTO, 1993
Instructor in Interior Design
B.A., Interior Design, San Jose State University

IKEDA, HIDEO, 2018
Counselor
M.A. Education (Counseling and Student Personnel); B.A. Behavioral Science

JACKANICH, KRISTEN, 2013
Instructor in Mathematics
B.S., Mathematics with a minor in Education, University of California, Davis; M.A., Mathematics, San Francisco State University

JAUREQUI, JESSICA, 2016
Learning Specialist, Disability and Educational Support Program
A.A., Sociology, B.A., Psychology, Cal State Long Beach; M.A. Educational Psych., Loyola Marymont Ed. S School of Psychology Loyola Marymont University

JONES, CATHRYN, 2016
Instructor in English
B.A., Literature, University of California, Santa Cruz; M.A., English, San Jose State University

JUAREZ, STEPHEN, 2002
Instructor in History
A.A., History, Riverside Community College; B.A. European History, University of California, Riverside; M.A., European History, University of California, Berkeley; ABD, U.S. History, Stanford University

KALIVITIS, VASILIKI, 2004
Instructor in English
KARDEVANI, HASHEM, 2018
Instructor in Economics
B.A. Economics, National University of Iran; M.A. Economics, University of California, Riverside; Ph.D. Economics, University of California, Riverside

KEA, JANIS Y.F., 2002
Instructor in Economics
B.A. with Distinction, Economics, University of Hawaii, Manoa; M.A., Economics, University of Hawaii, Manoa; Ph.D., Economics, University of Hawaii, Manoa

KEH, JENNIFER, 2016
Counselor, Social Science & Distance Education
A.A.-T, Sociology, West Valley College; B.A., Sociology, San Jose State University; M.A., Education, Counseling and Student Personnel Services, San Jose State University; P.P.S, School Counseling Credential, San Jose State University

KELLER, TIINA, 2005
Instructor, Fashion Design and Apparel Technology
A.A., Fashion Design and Textile Arts Hame Polytechnic Wetterhoff, Hameenlinna Finland; B.S., Fashion Design and Textile Arts Hame Polytechnic Wetterhoff, Hameenlinna Finland

KELLY, JON TIMOTHY, 2002
Instructor in History and Political Science
B.A., History, University of California, Irvine; M.A., U.S. Area Studies (Politics and Foreign Policy), Institute of United States Studies, University of London; Ph.D., U.S. History, University of California, Irvine

KERWIN, JENNIFER, 1996
Instructor in Kinesiology, Soccer Coach
B.S., Physical Education and Athletic Training, Canisius College, Buffalo, New York; M.S., Physical Education and Health, University of New Mexico

KIM, YANGHEE, 1997
Librarian
B.A., Education, Yonsei University (Seoul, Korea); M.L.S., Library Science, Kent State University

KINDON, ANDY, 2004
Instructor in Anthropology
B.A. with Distinction, Anthropology, Kenyon College; M.A., Anthropology, University of California, Los Angeles; Ph.D., Anthropology, University of California, Los Angeles

LERMA, JESS, 2004
Instructor in English
B.A., English Literature and Chicano Studies, University of California, Santa Barbara; M.A., English Literature, California State University, Fresno

LIU, SAM, 2006
Instructor in Economics
B.A., Economics, Princeton University; Ph.D, Economics, Massachusetts Institute of Technology

LIU, TAKYIU, 2018
Instructor in Computer Science
B.S. Electrical and Electronics Engineering, University of Hong Kong; M.S. Electrical and Electronics Engineering, UC Santa Barbara; Ph.D. Electrical and Electronics Engineering, UC Santa Barbara

LLANTERO, ERIKA, 2018
Counselor, Disability and Educational Support Program
B.A. Psychology, University of Puget Sound; M.S. in Marriage, Family & Child Counseling, and Rehabilitation, San Francisco State University

LOPEZ, ROBERT, 2000
Instructor in Geology
A.A., General Studies, Palomar Community College; B.S., Geology, California State University, Hayward; Ph.D., Earth Sciences, University of California, Santa Cruz; additional graduate study, the University of New Mexico, Albuquerque; Post doctoral work at Universidad Nacional Autonoma de Mexico and University of California, Santa Cruz

LOUSERBACK, PATRICIA, 2001
Instructor in Health Science
B.S., Health Science, California State University, Northridge; M.P.H., Masters in Public Health, San Jose State University; Physical Therapist, Cal State Northridge; CHES, Certified Health Education Specialist National Commission for Health Education Credentialing

LOWRY, LAURA, 2014
Instructor in Theatre Arts
Masters degree, Fine Arts (Acting), Florida State University

MADDUX, FAUN, 2010
Instructor in Mathematics
B.A., Mathematics, San Jose State University; M.S., Mathematics, San Jose State University

McCANN, STEVEN, 1997
Instructor in Kinesiology
B.S., Business Administration with a concentration in Accounting, San Jose State University; M.A., Physical Education with a concentration in Biomechanics, San Jose State University

McFARLAND, HEIDI, 2018
Instructor in Park Management
A.S., Park Management; Certificate in Communications from West Valley College; B.A., Environmental Studies, emphasis in Environmental Education from SJSU; Certified Interpretive Trainer (CIT) from National Association of Interpretation (NAI); Certified CA Naturalist Instructor through UCCE

MENDELSOHN, BENJAMIN MARK, 1998
Instructor in Astronomy
Director of the Planetarium
B.S. Electrical Engineering and Computer Science, University of California at Berkeley; M.S. Aeronautics and Astronautics Engineering, Stanford University; CFII & AGI, Federal Aviation Administration; additional graduate study in Mechanical Engineering, Santa Clara University, Planetarium Professional, Alexander F.
Morrison Planetarium at the California Academy of Sciences, Charles F. Hagar Planetarium at San Francisco State University, Holt Planetarium at the Lawrence Hall of Science, Minolta Planetarium at De Anza College

MICHALS, NILS, 2014
Instructor in English
B.A., Modern Literary Studies, University of California, Santa Cruz; M.F.A., Creative Writing (Poetry), University of Montana

MILLS, MARYANNE, 2004
Librarian

MIN, KYUNGH (KAEE), 1995
Instructor in Fashion Design & Apparel Technology

MITTAL, NEETI, 2017
Instructor in Mathematics
B.A., Mathematics, SJSU; M.S. Math, SJSU

MORA-EVANS, MARTA, 2002
Counselor/CalWORKS Program Coordinator
A.A. Liberal Arts, West Valley College; B.S. Organizational Behavior, University of San Francisco; M.A. Counselor Education, San Jose State University

MORGAN, TIMOTHY, 2018
Instructor in Administration of Justice
BS Criminal Justice Management, Union University and Institute; MS Emergency Management California State University Long Beach

NG, TERRY, 2019
Instructor in Chemistry
B.S., Chemistry, UC Davis; Ph.D., Analytical Chemistry, UC Davis

NORRIS, NATHAN, 1996
Instructor in Biology
B.S., Aeronautics, San Jose State University; M.A., Biology (Physiology), San Jose State University; additional graduate study, University of Washington.

OLIVEIRA, BRIAN, 2013
Instructor in Psychology
PhD, Psychology, University of South Florida

ORTega, SYLVIA, 2004
Instructor in English as a Second Language
B.A., Spanish, Special Emphasis in Ethnic Studies, Santa Clara University; M.A., Teaching English as a Second Language, San Jose State University

ORTIZ, MARGARET, 2011
Instructor in Court Reporting

PANCZenKo, ANDRALENA, 2021
Instructor in Noncredit

PAPE, ERIC, 2001
Instructor in English
B.A., English, California State University, Northridge M.F.A.; Ph.D. A.B.D., Louisiana State University

PHAM, KIM MAN, 1992
Instructor in Mathematics
B.S., Mathematics, University of California, Davis; M.A., Mathematics, University of California, Davis.

PIATT, VICTORIA, 2016
Instructor in Kinesiology, Softball Coach
B.A., Social Welfare, University of California, Berkeley; M.A., Coaching and Athletic Administration, Concordia University, Irvine CA

PLUNKETT, LAURA, 2018
Instructor in Mathematics
B.S. in Mathematics, Loyola Marymount University; M.A. in Mathematics, University of California, Santa Barbara; Ph.D. in Mathematics, University of California, Santa Barbara

PRITCHARD, MELVIN HUGO, 2004
Instructor in History
B.A., History, San Francisco State University; M.A., History, San Francisco State University, additional graduate study, Graduate and University Center, City University, New York

RASCOV, JEFF, 1998
Instructor in Computer Applications, Digital Media
B.S., Graphic Design, La Roche College; M.F.A., Computer Graphics, Rochester Institute of Technology

REED, MICHELLE, 2000
Instructor in Psychology
B.S., Psychology, Santa Clara University; M.A., Counseling Psychology, University of San Francisco; additional graduate study, University of California, Santa Cruz; University of California, Berkeley. Certification in Advanced Relapse Therapy (RPT)

REISS, CYNTHIA NAPOLI-ABELLA, 2005
Instructor in Art History
B.A., Comparative Literature and Art History, University of California, Irvine; M.A., Art History, San Francisco State University; Ph.D., Art History, University of California, Irvine

RICHey, JEANETTE, 2013
Instructor in English
B.A., English, San Jose State University; M.A. English, San Jose State University

RODRIGUEZ, WILLIAM, 2016
Personnel

Instructor in Kinesiology, Men's Water Polo and Swim Coach
B.A., International Studies, Pepperdine University; M.S., Physical Education, Azusa Pacific University; Ed.D., Educational Organizational Leadership, Pepperdine University, Malibu

SAITO-LIU, LESLIE, 1997
Instructor in English,
B.A., Communications, UC San Diego, M.A., English (American Literature emphasis), San Diego State University

SALCIDO, MELISSA J., 2004
Counselor & Transfer Center Director
B.A., Spanish with an emphasis in Chicano Studies, Stanford University; M.S., Counseling with an emphasis in College, San Francisco State University

SANDFORD, BETSY, 1997
Librarian
A.B., History, Washington University in St. Louis; M.S., Library and Information Science, University of Illinois at Urbana-Champaign

SANDFORD, THOMAS, 2001
Instructor in Engineering
B.S., Mechanical Engineering, Santa Clara University; M.S., Mechanical Engineering, San Jose State University; M.B.A. San Francisco State University; J.D., Lincoln Law School of San Jose

SCHREY, MOLLY, 2001
Instructor in Biology
A.A., Liberal Arts/Social Sciences, Niagara Community College; B.S., Biology Education, Buffalo State College; M.S., Science Education, Buffalo State College

SEVERE, PHILIP, 2014
Counselor & Umoja Co-Coordinator
A.A., Liberal Arts, West Valley College; B.A. Sociology, San Jose State University; M.A. Counseling Education, San Jose State University.

SHAW, DANIELLE, 2017
Instructor in English
B.A., Eng Lit, U Utah; M.A, Eng Lit; Boston College; PhD, Eng Lit, UC Davis

SHOEMAKER, LANCE, 2004
Instructor in Business / Real Estate
B.A., Political Science, Phi Beta Kappa, UC Berkeley; M.A., Political Science, UCLA; Master of City Planning, UC Berkeley; J.D., Order of the Coif, Boalt Hall School of Law, UC Berkeley

SILVA, CLAUDIO, 2019
Counselor, School of Sci/Math
B.A., History, San Jose State University; M.A., Counseling & Guidance, San Jose State University

SILVEIRA, GASPAR, 2002
Instructor in Kinesiology, Men's Soccer Coach
B.S., International Business, Chico State University; M.S., Physical Education, Saint Mary's College of California.

STANTON, CHRISTINE, 1997
Instructor in Biology
B.S., Biology and M.S., Physiology, UC Riverside

STARKS, PAUL, 2004
Instructor in Kinesiology
A.A., Liberal Arts, West Valley College; B.S., Kinesiology, Cal Poly, San Luis Obispo; M.A., Kinesiology (movement science) San Jose State University

STEVENSON, CHRISTINA, 2019
Instructor in English
B.A., English and French, Vassar College; M.A., Humanities, NYU; Ph.D., Literature, UC Santa Cruz

SVENSSON, PETER, 2000
Instructor in Biology
B.S., Biology, University of Lund (Sweden), M.A., Biology, University of California, Santa Cruz.

UPTON, BARBARA, 2006
Instructor in Philosophy
B.A., Philosophy, U.C. Berkeley; M.A., Philosophy, San Jose State University

VARGAS, ERIKA, 2019
Instructor in Kinesiology, Women's Water Polo and Swim Coach
B.S. Criminology, University of La Verne, Los Angeles; M.B.A. International Business, Supply Chain Management, University of La Verne, Los Angeles; M.A., Kinesiology, Cal Baptist University, Riverside

VAUGHN, MELVIN J., 2005
Instructor in Physics
B.S., Physics, University of California, Riverside; M.S., Physics, University of California, Santa Cruz

VU, AMY, 2006
Instructor in Mathematics
B.A., Psychology, San Jose State University; B.A., Mathematics, San Jose State University; M.S., Mathematics, San Jose State University

WAGNER, JENNIFER, 2001
Success Center Coordinator and Instructor in English
B.A., English; B.A., Worlds Arts and Cultures, University of California, Los Angeles; M.A. Teaching of Writing and M.A. Literature (ABT), Humboldt State University

WASSERBAUER, ANN MARIE, 1994
Instructor in English as a Second Language
B.A., History and German, Xavier University; German Studies, Universität, Augsburg, Germany; M.A., TESOL, Monterey Institute of International Studies

WEBER, HEIDI, 1999
Instructor in Kinesiology
B.S., Animal Science, Cal Poly, San Luis Obispo; M.A., Kinesiology, San Jose State University; Ed.D., Educational Leadership and Change, Fielding Graduate University
WEISS, BETTY, 1994
Instructor in Mathematics
B.S., Mathematics, Carnegie-Mellon University; M.S., Mathematics, New York University

WEST, MICHAEL, 2019
Articulation Officer/Counselor/Instruction/Honors Program
B.A., Behavioral Sciences & Psychology; M.A., Education, emphasis in Counseling & Student Personnel

WIENS, RICHARD, 2016
Instructor in Kinesiology, Baseball Coach
B.A., Business Administration, National University, San Diego CA; M.S., Health, Kinesiology & Sports Studies, Texas A&M University, Commerce TX

WINKLER, JAMES 2005
Counselor
B.A., Liberal Arts, Social Science, San Diego State University; M.A., Education, Counseling, University of Redlands; M.A., Kinesiology, Sport Psychology, San Jose State University

WISE, ADRIANO, 2018
Instructor in Political Science
B.A. and M.A. in Political Science, San Francisco State University

WONG, SHANNON, 2013
Instructor in Mathematics
B.S. Mathematics, UC Davis; M.A. Mathematics, UC Davis

YOSHIKAWA, DANNY, 2019
Instructor in Kinesiology, Men's Basketball Coach
B.A., International Relations & Japanese, University of California, Davis; M.S., Kinesiology, San Jose State University

ZAJAC, MICHELLE, 2013
Instructor in Communication Studies
A.A., Communication Studies & A.A. Liberal Arts, West Valley College; B.A., Communication Studies, San Jose State University; M.A., Communication Studies, San Jose State University

ZAKARIAN, ARMEN, 2015
Instructor in Kinesiology, Women's Volleyball and Beach Volleyball Coach
B.A., Communication, University of California, Santa Barbara; M.S., Kinesiology, Sacramento State University

EMERITI ADMINISTRATION AND FACULTY
Dates indicate year of employment and year of retirement

ACCORNERO, MARC
Instructor in Spanish, Italian & Music (1998-2012)

AITKEN, SALLY S.
Instructor in Fashion Design and Apparel Technology (1989-2019)

ALLEN, GREGORY
Instructor in Mathematics (1999-2022)

ALLMAN, WILLIAM
Counselor (1969-1992)

ANDERSON, VERONESE M.
Counselor/Instruction/Transfer (1976-2002)

ANDREWS, PATRICIA
Instructor in Political Science (1990-2011)

ANTHONY, ROBERT
Instructor in Digital Media (2000-2016)

AQUILONIUS, CHRISTINA B.
Instructor in Mathematics (1984-2006)

ARAGON, GINNY
Dean, Student Support Services (1988-2012)

AUFHAUSER, KIM
Instructor in Park Management (1991-2017)

BARNIKEL, FREDERICK G.
Instructor in History (1970-2002)

BARNIKEL, FREDERICK G.
Instructor in History (1970-2002)

BARRETT, GORDON E.
Instructor in English (1970-2003)

BARTA, GAIL ANN
Instructor in English as a Second Language (1991-2021)

BENNETT, PATRICIA
Dean of Human Resources Mgmt. (1967-1993)

BENKOSKI, STANLEY J
Instructor in Mathematics (1999-2015)

BENSON, BART
Instructor in English (1967-2001)

BERLANI, ROBERTA
Instructor in Biology (1993-2020)

BERRY, SANDRA M.
Instructional Computer Lab Faculty (1966-1992)
Personnel

BLAIR, JOAN
Instructor in Home Economics (1975-1994)

BLANKENSHIP, DON M.
Instructor in English (1965-1996)

BLASBERG, STEVEN
Instructor in Mathematics (1980-2013)

BONE, LANA
Instructor in Accounting (1968-2003)

BONFIGLIO, JOSEPH F.
Counselor (1969-1992)

BONNET, JANICE
Librarian (1977-2005)

BONNET, PAUL
Librarian (1967-1993)

BORDI, STEPHEN W.
Physical Education (1968-2002)

BOUDREAU, PAULETTE
Instructor in English (1996-2021)

BRAINARD, DAVID G.
Instructor in Business (1981-1993)

BRODRICK, MALCOLM
Vice Pres. of Administration Services (1987-2005)

BULLOCK, TOM
Instructor in Astronomy (1969-1998)

BURNS, WESLEY A.
Instructor in Art (1971-2002)

BURTON, ROBERT

BURZYNSKI, DENNY
Instructor in Mathematics (1980-2009)

CALLNER, JAMES
Instructor in Theatre Arts (1986-2014)

CAMPBELL, DOUGLAS

CAMPBELL, WILLIAM H.

CASPER, MARY H.
Instructor in English (1968-1992)

CASTELLO, RANDY
Instructor in Accounting (1986-2022)

CEFALONI, DONALD
Librarian (1969-1993)

CHAMPION, GEORGE W.
Instructor in Music (1977-2003)

CHAVEZ, ROBERT
Instructor in Foreign Languages (1979-2009)

CHOY, TERENCE T.
Instructor in Art, (1990-2000)

CIRIAUO, DON

CLARK, PAULINE
Counselor, (1987-2018)

COGNETTA, FREBA
Transfer Counselor/Articulation Officer (2012-2021)

COLSON, JUDITH
Instructor in DESP, Learning Specialist (1995-2016)

COLSON, KENNETH M.
Instructor in Anthropology (1967-2003)

CONSTANT, GWENDOLYN
Instructor in English (1969-1994)

CORRIGAN, PHYLLIS
Instructor in English (1964-1991)

CRANDALL, JERRY R.
Instructor in English (1964-1991)

CRUMLEY, MAXWELL
Instructor in Photography/Lab Faculty Specialist (1991-2016)
CUBIE, MICHAEL
Counselor (1993-2013)

CUMMINS, LOWELL W.
Instructor in History (1966-1993)

CURRAN, HENRY G.
Instructor in English (1970-1992)

DAKE, DONETTE
Instructor in Computer Application and Digital Media/Internet Services (1965-2004)

DAVIS, JOE E.
Instructor in Music Education (1966-2001)

DE BARLING, ANA MARIA
Instructor in Foreign Languages (1994-2009)

DONNE, MARY C.

DOUGHERTY, KATHRYN
Instructor in Music (1969-2002)

DRAKE, VIRGINIA
Instructor in Theatre (1978-2009)

DUARTE, ANGELINA
Dean of Student Support Services (1987-2006)

DUNDURS, KARINA

EATON, JUDITH
Instructor in Court Reporting (1990-2000)

ELLIS, WADE, JR.
Instructor in Mathematics (1976-2007)

ENGLEKING, LINDA
Counselor (1981-2005)

ESCOTT, CHARLES

EWING, DAVID
Instructor in Court Reporting (1977-1997)

FAULSTICH, MARGE
Instructor in Administration of Justice (1979-2009)

FISH, DUANE W.
Instructor in Chemistry (1969-1995)

FISHBAUGH, DAVE
Vice President of Instruction (1993-2011)

FOERSTER, DONALD
Instructor in Chemistry (1984-1994)

FONTAN, LYDIA C.
Instructor in English (1981-2003)

FREE, JOY
Instructor in Kinesiology (1969-1999)

FUJISHIN, RANDY M.
Instructor in Communication Studies (1978-2012)

GALLucci, JEAN
Counselor, Disability and Educational Support Program (2004-2022)

GALLUP, THOMAS

GANDEL, FRED J.
Instructor in Music (1975-2001)

GARCIA, TOMAS
Instructor in History (1971-2006)

GARDNER, KATHRYN M.
Instructor in Reading (1977-1993)

GARNEL, HOWARD
Instructor in Chemistry (1972-1998)

GEORGE, FRED

GERedes, THEADORE DEAN
Instructor in Engineering (1967-2001)

GIBSON, LINDA
Dean Matriculation and Counseling (1990-2010)

GIBSON, TOMMY
Instructor in Photography (2001-2007)
GLASS, SUSAN  
Instructor in English (1997-2013)

GOLBETZ, TOM  
Counselor (1998-2022)

GOSS, JAMES H.  
Business Administration (1966-2002)

GREEN, THOMAS  
Instructor in Biology and Park Management (1985-2008)

H ALEY, B ARRON R  
Instructor in Biology (1967-2000)

HAMP, HERLISA  
Program Director II, Student Programs (2011-2017)

HAMPTON, CLO ANN  

HANCOCK, JOHN  
Instructor in Kinesiology (1987-2006)

HANDA, LARRY S.  
Instructor in Mathematics (1985-2018)

HANSEN, JAMES D.  
Instructor in Sociology (1969-2001)

HARRIS, K EN T  
Instructor in Mathematics/Physics (1980-2003)

HARRIS, LYDIA  
Instructor in Child Studies (1976-2000)

HARTLEY, PHILIP  
President (2004-2009)

HERAUF, MICHAEL S.  
Counselor (1975-2009)

HEARN, LESTER C., JR.  

HERMAN, THEODORE C.  
Instructor in Geology (1967-2000)

HERN ANDEZ, J OSEP HINE  
Counselor (1975-1996)

HERNANDEZ, LETICIA SANCHEZ-MENDOZA  
Counselor and Instructor (1993-2022)

HINDES, VICTORIA  
Vice President, Student Services (2009-2018)

HOPPER, DIANA  
Instructor in History (1981-1997)

HORTON-FOLMER, SUSAN  
Coordinator, Educational Transition/Adult Re-entry (1997-2009)

HOWARD, LAURA M.  
Instructor in Court Reporting (1979-1998)

HUGHES, HEIDE  
Lab Faculty Specialist (1976-2009)

HUGHMANICK, MICHAEL D.  
Instructor in Psychology (1970-2010)

H ULS, H ARRIET T N.  
Instructor in Biology (1968-1996)

HUGHMANICK, MICHAEL  
Instructor in Psychology (1970-2009)

HUNTER, GLENN A  
Instructor in Allied Health and Business (1977-1993)

JANKE, EDWARD  
Instructor in Architecture (1993-2009)

JAVANMARDIAN, FARANEH  
Instructor in Health Care Technologies (1998-2022)

JOHNSON, DONALD M.  
Instructor in Psychology (1965-2000)

JOHNSON, ELISE  
Counselor (2005-2021)

JOHNSON, WALTER E.  
Instructor in English (1965-1991)

JUE, MARTIN  
Coordinator, Tutorial Services (1989-2009)
KAAZ, LISA
Coordinator, Distance Learning; Instructor in Computer Applications (1999-2018)

KANNER, LEE C.
Instructor in Mathematics (1981-1995)

KELKENBERG, SHARON
Coordinator, Student Health Center (1977-1999)

KENSTOWICZ, JOSEPH
Instructor in Mathematics (1970-2009)

KEREMITSIS, DAWN K.
Instructor in History (1965-1991)

KING, LINDA B.
Instructor in Anthropology (1971-2004)

KINGSLEY, WESTON H. JR.
Instructor in Technical Drafting (1964-1993)

KNIGHT, CAROL
Instructor in Kinesiology (1990-2014)

KROTH, ANYA
Instructor in Mathematics (1984-2007)

KURSAR, EDWARD R.
Instructor in Foreign Languages (1968-1996)

KADD, SANDRA
Instructor in Psychology (1971-2009)

LaFAVE, SANDRA A.
Instructor in Philosophy (1986-2011)

LAW, VIRGINIA L.
Instructor in English (1970-1992)

LAWLER, JOANN
Instructor in Speech (1968-2002)

LAWSON, LINDA
Instructor in Court Reporting (1993-2009)

LEA, BARBARA

LEARY, MICHAEL
Instructor in Photography (1972-2003)

LEDWITH, BEVERLY E.
Instructor in Information Systems (1968-2000)

LEWIS, CAROLYN
Instructor in Reading (1979-1998)

LIN, LUNGYEE

LIVINGSTONE, JOSEPH T.
Counselor (1964-1998)

LIANIDES, SYLVIA P.
Instructor in Biology (1975-1996)

LILY, JANE

LOCK, VIVIAN
Instructor in Computer Applications (1993-2007)

LOFLAND, DONALD
Instructor in Physics (1972-2006)

LORIMER, MICHAEL

LORSON, KATHERINE
Instructor in Allied Health (1974-1995)

LODI, EDWARD A
Instructor in Mathematics (1965-1998)

LOWRY, JULIE
Instructor in Kinesiology (1976-2016)

MAIA, JULIE
Instructor in English (1990-2015)

MALMUTH-ONN, ANN
Instructor in Kinesiology and Dance (1981-2022)

MANDELL, JOSEPH D.

MARKUM, JOSEPH A. JR.
Instructor in Electronics (1965-1990)
MATHIESON, PEGGY
Instructor Paralegal (2004-2016)

McCANN, STEVEN
Instructor in Kinesiology (1997-2019)

MCGINLEY, LEANN
Assessment Coordinator (2001-2017)

McINTOSH, JEAN, 2002
Instructor in Digital Media/Internet Services (2002-2022)

MILLER, CHERYL
Director of DESP, Learning Specialist (1995-2022)

MIRCH, EDMUND C.
Instructor in Business (1976-1998)

MOORE-WINES, KATHERINE
Instructor in Child Studies (2001-2021)

MORGAN, ALEX
Instructor in Computer Applications (1997-2009)

MORRIS, L. RONALD
M.S., Instructor in Biology (1968-1999)

MOUNTGLOVER, K. GENE
Instructor in English (1969-1994)

MOWATT, WILLIAM D
Instructor in English (1969-1998)

MURPHY, DONN
Instructor in Sociology (1968-2009)

NASH, CAROLYN
Counselor (1981-2018)

NERENBERG, LILLIAN
Instructor in Political Science (1965-1990)

O'BRIEN, BETTY
Instructor in Reading (1985-1994)

O'BRIEN, PAUL
Instructor in Chemistry (1978-1998)

OGLE, DAVID
Instructor in Art (1973-2009)

OLIVER, JENNIFER
Program Manager, Center for Excellence (1998-2009)

ORTON, GEORGE
Instructor in English (1970-1993)

OTT, BILL
Counselor (1965-1997)

OVERSTREET, SUZANNE
Instructor in English as a Second Language (1995-2013)

PATTERSON, SARA W.
Counselor (2004-2020)

PAVAN, CAROL
Counselor (2001-2019)

PEARCE, FRANK
Instructor in Biology (1981-1999)

PEASE, JACK G.
Instructor in Mathematics (1964-1992)

PECK, R. “JIM”
Learning Specialist (1975-2006)

PELTZ, STEPHEN K.
Program Director, Distance Learning and Instructional Technology (1976-2008)

PERRY, WILLIAM J.
Instructor in Business (1976-1993)

PIROFSKI, FLORENCE
Instructor in Child Studies (1981-2010)

PLUTYNISKI, LINDA
Instructor in English (1993-2003)

POMPOSO, TOM
Instructor in Foreign Languages (1966-1993)

PROCHASKA, FRED
Dean, Career Education and Workforce Development (1986-2011)

PROUDFOOT, BILL
Librarian (1994-2010)
PRUCHA, ISABEL  
Librarian (1975-1996)

PUGNO, DAVID  
Instructor in Computer and Information Systems (1975-2005)

RANKIN, JOHN  
Instructional Lab Faculty (1982-1992)

REED, JUDY  
Instructor in Court Reporting (1978-1995)

RICKSECKER, EARL  
Counseling (1978-2000)

ROIZEN, MOISES  
Instructor in Art (1971-2002)

ROMER, NANCY  
EOP/CARE Director (1996-2005)

ROOT, JAMES F.  
Instructor in Kinesiology (1972-2002)

ROSE, RICHARD G.  

ROSSMANN, LYNN  
Counselor (1976-2006)

RUDY, DIANE  
Instructor in Kinesiology (1983-2020)

RUSSELL, ROBERT G.  
Instructor in Mathematics (1964-1993)

RYAN, DAVID  
Instructor in English as a Second Language (2004-2011)

SABIN, PETER S.  
Instructor in Architecture (1975-1993)

SAMUELS, JOE  
Vice President, Instruction (1986-2006)

SANDERS, PAUL D.  
Instructor in Communication Studies (1981-2013)

SARLO, JOAN  
Instructor in Kinesiology (1964-2005)

SCHOCK, KENNETH  
Instructor in Business (1965-2009)

SCHEPER, MARIA  
Counselor (1999-2022)

SCHREIBSTEIN, LEN  
Coordinator, Disability & Educational Support Program (1992-2009)

SEEFELDT, GUNTER  
Instructor in Foreign Languages (1969-1993)

SEQUIST, JACK  

SENTENEY, JACK C.  

SELLECK, SYLVIA A.  
Counselor (1975-2006)

SERNIA, IRENE  
Director, EOPS/CARE (2006-2015)

SHERRELL, SUSAN  
Learning Specialist, Disability and Educational Support Program (2007-2021)

SHERWOOD, PATRICIA  
Instructor in Art (1978-1998)

SHUE, TERRY  
Instructor in Child Studies (1997-2019)

SIMPSON, CLAUDINE H.  
Instructor in Kinesiology (1969-1996)

SKAIFE, LINDA  
Instructor in Foreign Languages (2001-2006)

SMITH, ERNEST  
Vice President, Student Services (2006-2009)

SMITH, JAMES E.  
Instructor in Administration of Justice (1993-2014)

SMITH, JIM  
SMITH, ROSS  
Counselor, Disability and Educational Support Program (2004-2018)

SMITH, SUSAN  
Instructor in Reading (2000-2007)

SMITH, THOMAS A.  
Instructor in Park Management (1964-1991)

SOHNS, FIONA I.  
Instructor in English (1968-2003)

STEWART, WILLIAM E.  
Instructor in English (1970-1996)

STILLWELL, DONALD F.  

STONE, DONALD A.  
Instructor in Biology (1964-1992)

SWENSON, LARRY G.  
Instructor in Psychology (1964-1998)

TEMKIN, DOUGLAS  
Instructor in English (1990-2011)

THELIN, PETER  
Instructor in Economics (1970-2006)

TORRES, CARMEN  
Instructor in English (1990-2009)

TREBBE, EDWIN S.  
Counselor (1965-1993)

TSUTSUMI, DIANE Y.  
Instructor in Kinesiology (1976-2003)

TUSCHER, MELVIN F.  
Instructor in Mathematics (1964-1993)

VAN HOOK, CATHLEEN  
Instructor in Mathematics (1992-2009)

VARTY, DANIEL G.  
Instructor in History (1970-2002)

WALLACE, KAREN  
Instructor in English (1985-2011)

WEBB, IAN A.  
Instructor Computer Specialist, Lab Faculty Specialist (1968-1998).

WEINER, SUSAN A.  
Instructor in Chemistry (1970-2020)

WEISBERG, BRAD  
Instructor in Theatre (1997-2022)

WHEELER, SIV  
Instructor in History (1967-2002)

WILCZAK, JAMES  
Instructor in Mathematics (1984-2009)

WINTON, JANIN  
Counselor/Instructor (1964-1991)

WHITNEY, WILLIAM E.  
Instructor in Political Science (1966-2005)

WONG, REBECCA  
Instructor in Mathematics (1994-2022)

WONG, WANDA  

WORLEY, JOAN  
Instructor in Kinesiology (1981-2014)

WRIGHT, CHRISTOPHER  
Instructor in Interior Design (2008-2022)

YUKAWA, PATRICIA A.  
Counselor/Instructor (1989-2014)

CLASSIFIED STAFF

BALANZA, JUVLYN, 2018  
Financial Aid Advisor

BARIFE, DOONU, 2017  
Curriculum and Instructional Systems Analyst, Office of Instruction  
B.A., English, Santa Clara University

BERTOLUCCI, NICHOLAS, 2015
Athletic Operations Technician  
**BRIDGES, ANTHONY, 2018**  
Enrollment & Financial Services, A&R

**BURNETT, JOYCE, 2021**  
Information Technology Analyst

**CARREIRO, MICHELLE, 2004**  
Senior Library Media Technician  
A.A., Library Technology Science, Foothill College

**CASTANEDA, MELISSA, 2019**  
Instructional Technician, Biology

**CERESA, MELISSA, 2001**  
Program Specialist, Veteran's Resource Center

**CHANGRAS, CHRIS 2021**  
Executive Assistant to President

**CHEVALIER, JOLIE, 2015**  
Enrollment & Financial Services Advisor  
B.A. Developmental Psychology, San Francisco State University; M.A. Forensic Psychology Argosy University.

**COLON, DANIEL, 2010**  
Maintenance Worker, Campus Center

**CORONADO, ROSA, 2013**  
Program Specialist, EOPS

**DaROZA, CINTHIA, 2015**  
Instructional Technician, Biology

**DARRAH, MARK, 2021**  
Administrative Specialist Health & Human Dev/Athletics  
B.A., Biological Anthropology, University of California, San Diego; M.A., Sport Management, University of San Francisco

**EPPLEY, TERRY, 2001**  
Program Specialist, Student Services  
A.A., Math and A.S., Physics, West Valley College.

**FISK, JULIANN, 2015**  
Administrative Assistant, Counseling  
B.A. (Hons), Business Studies, University of Brighton, UK; M.A., Play Therapy, Roehampton University, UK

**FUNK, LESLIE, 2022**  
Instructional Technician, Chemistry

**GAULT, MAX, 2008**  
Instructional Technology Analyst, Office of Instruction  
A.A., Liberal Arts, West Valley College

**GOLDMAN, ELLEN, 2013**  
Instructional Technician, Foreign Language/ESL

**HOOPES, JULIE, 2015**  
Administrative Assistant, Counseling

**IZZI, SHALIEN, 2016**  
Program Specialist, Title III Program  
B.A., Business Administration, St. Mary's College

**JACKSON, CHRISTOPHER, 2016**  
Instructional Technology Technician, Disability & Educational Support Program

**JOHNSON, KATHLEEN, 2018**  
Athletic Trainer  
B.S., Athletic Training, California State University, Long Beach; M.A., Higher and Post-Secondary Education, Arizona State University

**JOHNSON, MICHAEL, 1999**  
Instructional Technician, Art  
B.S., Engineering Mathematics, Tulsa University; M.S., Applied Mathematics, North Carolina State University

**KAMIL, FATIMA, 2017**  
Career & Transfer Advisor

**KELLY, LYNN, 2013**  
Administrative Specialist, Che School of Professional Studies  
B.S. Electrical Engineering, California State University, Northridge CA; M.B.A. Master of Business Administration, Golden Gate University, San Francisco CA

**KING, JASON, 2015**  
Duplicating Services Assistant

**LAKEW, YALEMWORK, 2001**  
Administrative Assistant, Student Development

**LIDWELL, ANDREW, 2019**  
Performing Arts Technical Director

**LOBATO, ANA, 2016**  
Supervisor Enrollment & Financial Services  
B.A., University of California, Santa Cruz

**LOPEZ, PATTY, 2022**  
Program Specialist, Adult Education
Certificate for Translation and Interpretation, Evergreen Valley College

MACIEL, A., ELIZABETH, 1998
Supervisor, Administrative Services
B.S., Business, University of Phoenix

MARTIN, ALEKSANDRA, 2015
Administrative Specialist, Science & Math

MARTIN, KRISTIN, 2014
Financial Aid Advisor
B.A., Social Work, San Jose State University

McPHEETERS, LORRIE, 2019
Instructional Technician – Costumes, Theater Department

McVey, SONIA, 2013
Management Assistant, Office of Instruction

MORRISON, ROBERT, 2018
Instructional Technician, Art

NEGASH, ABRAHAM, 2018
Senior Library Media Technician
B.S., Library Science, Addis Ababa University, Ethiopia; B.A., Management, Asmara University, Eritrea

NEVAREZ, SONIA, 2017
Financial Aid Advisor

NOORMANESH, BEHIN, 2008
Financial Aid Advisor
B.A., Political Science, Azad University; M.A., Counseling, San Jose State University

OCHOA, ELIZABETH 2005
Financial Aid Systems Specialist

OKAMOTO, KAREN, 2017
Administrative Specialist, Office of Instruction

POLLOCK, LESLIE, 2015
Financial Analyst, Administrative Services
B.S., Business Management, San Jose State University

PORTILLO, LUIS, 2016
Curriculum and Instructional Systems Analyst, Office of Instruction
M.S., Industrial and Organizational Psychology, San Jose State University

PRESTON, HEIDI, 2019
Senior Child Development Specialist

REED, JADYN, 2021
Instructional Technician, Chemistry
Chemistry IST, B.S., Biochemistry, California Polytechnic San Luis Obispo

SABOURI, VIDIA, 2012
Senior Library Media Technician

SCALETTA, MICHAEL, 1994
Program Specialist, Disability & Educational Support Program
B.A., Interdisciplinary Studies

SCALICI, LEA, 2020
Instructional Technician, Chemistry

SMITH, KENNETH, 2017
Instructional Technician, Physics & Engineering

SOUTHWORTH, TANYA, 2015
Administrative Specialist, Disability & Educational Support Program
B.S., Organizational Behavior and Leadership, University of San Francisco

STORM, SHARON, 2019
Administrative Assistant, Academic Senate
B.A., Communications/Journalism, University of Nevada-Las Vegas (UNLV)

TONG, SUSIE, 2008
Administrative Specialist, The Welcome Center

TRINH, TU-LAN, 1997
Senior Student Records Advisor
A.A., Business, West Valley College

VINSON, CHER, 2016
Financial Analyst, Administrative Services

WANG, JENNIFER, 2018
Senior Child Development Specialist
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