West Valley College
2017-2018
Catalog

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

The West Valley-Mission Community College District affirms its commitment to maintaining an environment of equal opportunity which prohibits discrimination based on sex, color, religion, age (for individuals 40 years and over), physical or mental disability, ancestry, national origin, race, creed, medical condition, marital or parental status, or sexual orientation in every aspect of its educational programs and activities, as well as its commitment to maintain an environment free from sexual harassment and intimidation.

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.

Board of Trustees
ADRIENNE GREY
President
ANNE KEPNER
Vice President
SUSAN FISH
RANDI KINMAN
JACK LUCAS
BOB OWENS
KARL WATANABE

Chancellor
West Valley-Mission Community College District
PATRICK SCHMITT, Ph.D.
Dear Students,

I welcome you to West Valley College at the most exciting and challenging time in our history. You have at your fingertips a guide to the academic process and the undertakings of one of the educational jewels of the Bay Area. This guide will help you to better understand our curriculum and majors, graduation requirements, and academic policies and procedures.

However, you will encounter only a glimpse of what makes West Valley College special in this catalog. As you walk through our beautiful campus, meet our talented faculty, sit in our classrooms with fellow students who you will come to call friends, you will sense what is truly the heart and soul of this college. Beyond our vision and values, you will find a community of educators seeking to guide you on your quest for answers and direction. They wait beyond these pages to assist you in your journey to success.

Our campus is at the center of the diverse and rich learning laboratory known as Silicon Valley. Our outstanding faculty have a transformational effect on the social, economic, cultural, and political life of the region and the state and most importantly, on the lives of thousands of students. Our staff and administrators are dedicated to helping you strive for excellence in all your endeavors here and beyond.

As West Valley College president, I am committed to continuing the growth and evolution of this expanding college—increasing its academic quality and reputation, enhancing philanthropy, growing and modernizing the physical campus, and playing a leadership role in the economic success of the city and the region.

Sincerely,

Bradley Davis
President, West Valley College
## Table of Contents

- **Academic Programs** 5
- **Academic Regulations & Standards (Board Policies)** 194
- **Admission to the College** 194
- **Advisory Boards** 37
- **Advanced Placement Program** 10-13
- **Assessment** 6, 209, 213
- **Associate & Certificate Programs** 4
- **Associate Degree** 7, 18
- **Basic Skills/Pre-Collegiate Courses** 6
- **Calendar** 2
- **California State University (CSU)** 8, 16, 19
- **Career Programs** 37
- **Certificates** 4
- **Challenges** 5
- **Complaints** 192, 210
- **Conduct Code** 203-208
- **Counseling** 213
- **Course Repetitions** 36
- **Descriptions Of Courses** 40
- **Faculty** 219
- **Fees & Charges** 193
- **Financial Assistance** 214-215
- **Graduation Requirements for the Associate Degree** 7
- **Index** 228
- **Intersegmental General Education Transfer Curriculum (IGETC)** 17, 20
- **Matriculation** 195
- **Pre- and Corequisites** 5
- **Rights & Responsibilities** 202
- **Staff** 226
- **Student Support Services** 213-218
- **Telephone Numbers** 230
- **Transfer** 9
- **Transfer Degrees** 4
- **Transfer Model Curriculum** 22-33
- **University of California (UC)** 8
- **West Valley College—General Information** 3
- **West Valley-Mission CCD—General Information** 192

---

**PHOTOGRAPHS:** West Valley College, a non-profit educational institution, reserves the right to use photography, video, and audio recordings of students and visitors, aged 18 and older, taken or recorded on our property or at college-sponsored events for marketing and promotional purposes. Requests and permission to use specific photographs should be made in writing to the attention of: Graphics/Marketing Dept., West Valley College, 14000 Fruitvale Avenue, Saratoga, CA 95070-5698

This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/.
## College Calendar

### 2017 Summer Session

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 5 - July 29</td>
<td>Week of April 2: Continuing students receive registration date by e-mail or in the mail</td>
</tr>
<tr>
<td>April 17</td>
<td>Web reg for continuing students starts</td>
</tr>
<tr>
<td>May 6</td>
<td>Web reg for new students</td>
</tr>
<tr>
<td>June 5, June 12, June 19</td>
<td>First day of classes</td>
</tr>
<tr>
<td></td>
<td>Last day to ADD a class: 10% of total days</td>
</tr>
<tr>
<td></td>
<td>Last day to DROP a class without a &quot;W&quot; and with a refund: 10% of total days</td>
</tr>
<tr>
<td></td>
<td>Last day to DROP a class with a &quot;W&quot;: 75% of total days</td>
</tr>
<tr>
<td>July 4</td>
<td>Fourth of July Holiday</td>
</tr>
</tbody>
</table>

### 2017 Fall Session

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 28 - December 16</td>
<td>First day of classes</td>
</tr>
<tr>
<td>April 17</td>
<td>Web reg for continuing students starts</td>
</tr>
<tr>
<td>May 6</td>
<td>Web reg for new students</td>
</tr>
<tr>
<td>August 18</td>
<td>Convocation (All new students)</td>
</tr>
<tr>
<td>August 28</td>
<td>First day of classes</td>
</tr>
<tr>
<td>September 10</td>
<td>Last day to add a semester-length class</td>
</tr>
<tr>
<td></td>
<td>Last day to ADD short term classes: 10% of total days</td>
</tr>
<tr>
<td>September 10</td>
<td>Last day to drop without a &quot;W&quot; and with a refund</td>
</tr>
<tr>
<td></td>
<td>Last day to DROP short term classes: 10% of total days</td>
</tr>
<tr>
<td>September 22</td>
<td>Deadline to Petition for AA-T/AS-T Degrees for Spring 2018 Transfer</td>
</tr>
<tr>
<td>October 6</td>
<td>Deadline to petition for fall graduation</td>
</tr>
<tr>
<td>November 18</td>
<td>Last day to drop a semester-length class with a &quot;W&quot;</td>
</tr>
<tr>
<td></td>
<td>Last day to DROP a short term class with a &quot;W&quot;: 75% of total days</td>
</tr>
<tr>
<td>Dec. 11 - Dec. 16</td>
<td>Fall semester final exams</td>
</tr>
</tbody>
</table>

### 2018 Spring Session

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 29 - May 25</td>
<td>Check the web or schedule mid-November for dates for the following: Web reg for continuing students, new student orientation, counseling and registration</td>
</tr>
<tr>
<td>January 29</td>
<td>First day of classes</td>
</tr>
<tr>
<td>February 11</td>
<td>Last day to add a semester-length class</td>
</tr>
<tr>
<td>February 11</td>
<td>Last day to drop a semester-length class with a &quot;W&quot; and with a refund</td>
</tr>
<tr>
<td>April 26</td>
<td>Last day to drop a semester length class with a &quot;W&quot;</td>
</tr>
<tr>
<td>May 19 - 25</td>
<td>Spring semester final exams</td>
</tr>
<tr>
<td>May 24</td>
<td>Commencement</td>
</tr>
</tbody>
</table>

### Important Dates

- **Campus Closed**: Non Instructional Day
- **July 4**: Fourth of July Holiday
- **August 25**: All College Day
- **September 4**: Legal holiday, Labor Day
- **November 10**: Legal holiday, Veterans Day
- **November 23-26**: Thanksgiving Holiday
- **December 11 - December 16**: Fall semester final exams
- **February 16 - 19**: Non Instructional Days
- **February 19**: Legal holiday, President's Day
- **March 26 - March 30**: Spring Break
- **March 31**: Legal holiday, Cesar Chavez Day
- **May 28**: Legal holiday, Memorial Day
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.

I. Goal I – Educate and Inspire
   a. Objective I – Engage the West Valley College campus community; involve all divisions, departments, staff, faculty, students
   b. Objective II – Invite every department to develop an actionable sustainable mission statement
   c. Objective III – Identify grant opportunities to implement goals of strategic plan
   d. 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)
   e. Objective V – Carbon counting campus wide
   f. Objective VI – Legislation

II. Goal II – Embrace and Implement
   a. Objective I – Navigate and clear competing rules, regulations and policies that affect implementation of sustainable practices
   b. Objective II – Identify the easily implementable practices, i.e., “Pick Low Hanging Fruit”
   c. Objective III – Identify systemic changes that have high visibility
   d. 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)
   e. Objective V – Carbon counting campus wide
   f. Objective VI – Legislation

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

West Valley College 2015- 2020 Educational Master Plan Goals
These goals have been developed with our intention to serve our community and to fulfill our mission statement.

Branding
Develop an innovative, comprehensive branding campaign to market the College as a distinctive institution (e.g., establishing signature programs, creating a capital campaign, leveraging athletics).

Campus Environment
Create a vibrant campus community.

Career Programs
Align career courses and programs to meet labor market needs.

Course Offerings
Explore and shift course offerings depending on evolving student and community needs (e.g., distance learning, noncredit, weekends, evenings, compressed courses and community education).

Diversity and Equity
Commit to a campus environment of diversity and equity.

Organizational Structure
Modify and streamline the College’s organizational structure and procedures to effectively respond to changing educational and community needs (e.g., partner with the District support services to the College; clarify institutional roles, functions and responsibilities; enhance effectiveness of participatory governance; match yearly goals with the strategic plan).

Professional Development
Plan and implement a needs-based program of professional development for entire campus community.

Resources
Align resources, both campus and personnel, to priorities supported by data. Promote robust academic support services.

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:
   A. Differentiate facts, influences, assumptions, and opinions to draw reasoned conclusions.
   B. 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:
   A. Utilize quantitative and qualitative models to make predictions, draw conclusions, and make decisions that are logical and feasible.
   B. Collect, organize, analyze, and process research data in a clear, synthesized format.

III. Effective Communication
   The student will be able to:
   A. Articulate well-organized thoughts, ideas, and opinions in coherent form demonstrating standard written English or the target language.
   B. Articulate well-organized thoughts, ideas, and opinions in coherent form demonstrating oral proficiency.

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

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

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

VII. Global Awareness and Diversity
   The student will be able to:
   A. Explain the sensitivity and skills needed to live and work in diverse local and global communities.
   B. 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:
   A. Produce an original creative response that synthesizes research, planning, and practice.
# Associate Degree, Certificate & Selected Transfer Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Transfer Degree</th>
<th>Associate Degree</th>
<th>Certificate Degree</th>
</tr>
</thead>
</table>

## Accounting
- Accounting Clerk
- Administration of Justice
- Accounting Clerk
- Administration of Justice
- Anthropology
- AA-T
- Art
- Computer Arts: Animation
- AA
- Art History
- AA-T

## Aviation
- Unmanned Aircraft System Technology
- x

## Biological Science
- Ecology, Biodiversity and Conservation
- AS
- Business/Business Administration
- AS-T
- AS
- AA

## Business Communication
- x

## Business Leadership Skills
- x

## Business Management
- x

## Human Relations in Business
- x

## Marketing
- x

## Professional Selling
- x

## Project Management
- x

## Retail Management
- x

## Small Business Startup
- x

## Business Administration: International/Foreign Language
- x

## Child Studies
- Early Childhood Education
- AS-T
- AS
- x

## Communication Studies
- Program Director Specialization
- x

## Computer Information Systems
- AA-T

## CIS: Computer Science
- x

## Court Reporting
- x

## Educational Captioning
- x

## Scoping and Proofreading
- x

## Transcription Technologist and Office Support
- x

## Digital Media
- Graphic Design
- x

## Marketing/Digital Communications
- x

## Web & Mobile Design
- AA
- AA

## Economics
- AA-T
- AA

## Elementary Teacher Education
- AA-T

## Engineering
- AS

## Engineering Technician with Water Emphasis
- x

## English
- AA-T
- AA

## Fashion Design/Apparel Technology
- Apparel Design - Level 1
- x
- Apparel Design - Level 2
- x

## Apparel Design
- AS

## Apparel Production
- AS
- x

## Foreign Language
- French
- AA
- Spanish
- AA-T
- AA

## Geography
- AA-T
- AA

## Geology
- Health Care Technologies
- AS-T
- AS

## Clinical Assistant
- x

## Insurance Billing Specialist
- x

## Massage Therapy
- x

## Medical Administrative Assistant
- x

## Medical Assistant
- AS
- x

## Medical Office Reception
- x

## Orthopedic Technician
- x

## History
- AA-T
- AA

## Interior Design
- AS
- x

## Computer Aided Drafting and Design
- x

## Interior Design, Advanced
- x

## Interior Restoration and Preservation
- x

## Kitchen and Bath Design
- x

## Facilities Planning and Design
- x

## Kinesiology
- Certified Personal Trainer
- AA-T
- AA

## Coaching
- x

## Dance Specialist
- x

## Pilates Instructor
- x

## Sports Medicine
- x

## Landscape Architecture
- AS
- x

## Liberal Arts
- AA

## Mathematics
- AS-T
- AS

## Music
- Commercial Music Production
- x

## Scoring for Film, TV and Gaming
- x

## Nutrition and Dietetics
- AS-T

## Paralegal
- x

## Park Management
- x

## Geospatial Technology
- x

## Philosophy
- AA-T
- AA

## Physics, Applied Physics and Geophysics
- AS

## Physics
- AS-T

## Political Science
- AA-T
- AA

## Psychology
- AA-T
- AA

## Social Justice Studies
- AA-T

## Sociology
- AA-T
- AA

## Theatre Arts
- AA-T

## Acting Emphasis
- AA

## Film Studies
- AA

## Stage Technology
- AA

## Women and Gender Studies
- AA

* AA-T = Associate in Arts Degree Transfer (CSU)
* AS-T = Associate in Science Degree Transfer (CSU)
Academic Programs

West Valley College attempts to provide all the requisite information to students so that they may succeed in their academic goals; however, it is ultimately the responsibility of the student to determine and to fulfill all appropriate requirements for transfer, degrees, and certificates.

Academic Program Opportunities

West Valley College provides academic programs that assist students in fulfilling appropriate requirements for transfer, associate degrees, and certificates. 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 intending to transfer 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 first educational goal or a major step toward a baccalaureate degree elsewhere. The successful completion of the A.A./A.S. degree may also result in preparation to enter an occupation. A minimum of 60 degree applicable units with a 2.0 grade average or better are required. A minimum of 12 units must be in residence and a maximum of 20 “Pass” units may be applied toward the completion of the associate degree. West Valley College offers both major specific and liberal arts associate degrees.

Graduation Proficiency Requirement

Effective Fall 1983, any student who is a candidate for an associate degree is required to demonstrate proficiency in reading, writing and mathematics. Effective Fall 2005, students who are candidates for an associate degree are also required to demonstrate proficiency in information competency. Students can take the Credit by Examination option if they have successfully completed English ’1A’ and they are currently enrolled. No other assessment test from another college will be accepted. Students are advised to discuss the proficiency requirements with a counselor. Reading – A grade of “C” or better in Reading 053 or qualifying placement score is required. Writing – Eng 001A: Math 104, 106, 106R or higher with a grade of “C” or better or qualifying placement score; Information Competency – Libr 004.

Second Associate Degree

Students interested in earning a second associate degree must fulfill major requirements for the second degree within five years of the awarding of the first associate degree. If fewer than 15 units are needed, additional units to total a minimum of 15 units must be completed in an area related to the major.

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

Students may earn a double major, and the requirements for the double major shall be those major requirements listed in the College catalog for the academic year in which the student begins the course work for the second major.

Catalog Rights for Degree or Certificate Consideration

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. 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 Los Positas College (Livermore). Chabot 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 proficiency 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.

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 enroll 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

Exempt Pre- or Corequisite Clearance Process

Clearance of a pre- or corequisite requires documentation that verifies previous course completion or skill 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
Credit by Examination

NOTE: Units granted by examination may be subject to fees. Check with the Records Office.

Credit by examination is available for select courses. 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.

Assessment

New students are required to complete assessment, college orientation, and educational planning before registering for classes. Students must schedule an appointment before attending an assessment. Please see the website: www.westvalley.edu/assessment

Students will receive counseling assistance when scheduling their classes.

Assessment is the process to evaluate skills in Reading, Writing, Math, and English as a Second Language (ESL). Counseling assistance is available for interpretation of assessment results and selection of courses.

Students exempt from assessment:
- Anyone who has completed 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 prerequisites 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.

Credit by Examination

NOTE: Units granted by examination may be subject to fees. Check with the Records Office.

Credit by examination is available for select courses. 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.

Assessment

New students are required to complete assessment, college orientation, and educational planning before registering for classes. Students must schedule an appointment before attending an assessment. Please see the website: www.westvalley.edu/assessment

Students will receive counseling assistance when scheduling their classes.

Assessment is the process to evaluate skills in Reading, Writing, Math, and English as a Second Language (ESL). Counseling assistance is available for interpretation of assessment results and selection of courses.

Students exempt from assessment:
- Anyone who has completed 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 prerequisites 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.

Credit by examination / basic skills

Basic Skills / Pre-Collegiate Courses

Basic Skills or pre-collegiate courses are designed to prepare students for college-level work. Students may be advised to take certain basic skills courses if the assessment process indicates they will benefit from this special preparation for college-level courses. The following courses have been designated as basic skills courses, and they may be used to satisfy requirements for an Associate Degree.

For further information, contact the Counseling Center.

Basic Skills

ENGL 903 Basic Grammar & Sentence Structure
ENGL 905 English Fundamentals - A Preparatory Course for ENGL 001A
ESLW 960 Foundations in ESLW
ESLW 960W Basic Grammar & Writing
ESLW 961WL Basic Listening & Speaking
ESLW 961RV Basic Reading & Vocabulary
ESLW 962WL Basic Grammar & Writing
ESLW 962LS Basic Listening & Speaking
ESLW 962RV Basic Reading & Vocabulary
ESLW 963GW Sentence Development
ESLW 963LS Oral Communication 1
ESLW 963RV Intermediate Reading & Vocabulary 1
ESLW 964GW Paragraph Development
ESLW 964LS Oral Communication 2
ESLW 964RV Intermediate Reading & Vocabulary 2
LRSV 110 Supervised Tutoring
LRSV 111E Supervised Tutoring - English
LRSV 111M Supervised Tutoring - Math
LRSV 931B Effective Learning: Math Lab

LRSV 944 Effective MATH Strategies
LRSV 941B Effective Sentence and Paragraph Writing
LRSV 941C Effective Essay Writing
LRSV 942 Development of Effective Reading Skills
LRSV 943A Writing Support Lab A
MATH 901 Arithmetic Functions
MATH 902P Pre-Algebra
MATH 903P Preparation for Elementary Algebra
NCAD 010 GE Preparation
NCMA 101 Essential Math for Basic Skills Students - Whole Number Operations
NCMA 102 Essential Math for Basic Skills Students - Fractions
NCMA 103 Essential Math for Basic Skills Students - Decimals and Ratios
NCMA 104 Essential Math for Basic Skills Students - Percent & Signed Numbers
NCMA 105 Essential Math for Basic Skills Students - Pre-algebra Part 2
NCMA 106 Essential Math for Basic Skills Students - Pre-algebra Part 1
NCMA 107 Essential Math for Basic Skills Students - Pre-algebra Part 2
NCMA 900 Preparation for the Mathematics Placement Test
READ 960 Reading Fundamentals
READ 961 Effective Reading

Pre-Collegiate Course

The following courses have been designated as pre-collegiate courses, and some may be used to satisfy requirements for an Associate Degree.

MATH TMP1 Transfer Math Preparation 1 - Preparation for Transfer Level
MATH TMP2 Transfer Math Preparation 2 - Preparation for First Semester Calculus
MATH 103 Elementary Algebra
MATH 103R Elementary Algebra
MATH 104 Plane Geometry
MATH 106 Intermediate Algebra
MATH 106R Intermediate Algebra
MATH 108 Intermediate Algebra
MATH 108S Intermediate Algebra for Statistics
MATH TMP4 Transfer Math Preparation 3 - Pre-algebra Part 2
MATH TMP5 Transfer Math Preparation 4 - Pre-algebra Part 1
MATH 901 Arithmetic Functions

Basic skills courses may not be used to satisfy requirements for an Associate Degree.
GRADUATION REQUIREMENTS FOR AN ASSOCIATE DEGREE
Associate in Arts and Associate in Science Degrees

West Valley College will confer the Associate of Arts or Associate of Science degree upon a student who successfully completes the requirements listed below and has filed a petition in the Admissions and Records Office by deadline dates printed in the current Schedule of Classes. Completion of 60 degree applicable units (Major, GE, proficiency, and electives, if needed, are required).

Graduation requirements: (Major, Proficiency, 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 semester 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. It is imperative to note that the West Valley College general education pattern is only appropriate for students pursuing the West Valley College Associate in Arts or Associate in Science degree. However, it is not appropriate for students pursuing an AA-T or AS-T degree. Students planning to earn an AA-T or AS-T must complete either the IGETC for CSU or CSU-Breadth general education pattern. Because there are significant differences between the three patterns, the student is strongly advised to meet with a counselor to determine which pattern will best meet the student’s goals.

Waived General Education and Proficiency Requirements:
Reciprocity Agreement: Students completing all of the general education and graduation competency requirements at a participating college will be given full credit for having completed the West Valley College general education-graduation requirements, including reading, writing, oral communication, mathematics, and information competency. See the catalog for reciprocity with the list of participating community colleges and process for certification.

BA/BS Degree: Students who have earned a Baccalaureate degree from an accredited College/University in the United States will not be required to complete the General Education and proficiency requirements at WVC. Students who have earned a Baccalaureate degree from a foreign country must have their transcript evaluated by a NACES approved service.

Major Requirement: Fulfill a specialized major as listed in the college catalog with a grade of C (or “P”) or better in each major requirement.

An associate degree will be awarded when the following requirements have been met:
1. A minimum of 60 degree applicable units – only a maximum of 20 units can be completed with “P” grade.
2. A grade point average of 2.0 or better has been earned for all college work attempted.
3. Residence: A minimum of 12 degree applicable units must be completed at WVC.
4. Major Requirement: Fulfill a specialized major as listed in the college catalog with a grade of C (or “P”) or better in each major requirement.

Basic Proficiency Requirements (proficiency in the following areas is required):
Reading:
   A. Successful completion of the proficiency exam or
   B. A grade of C or better in Reading 053, Critical and Efficient Reading.

Writing: Completion of the English 001A, English Composition, with a grade of C or better.

Mathematics:
   A. Successful completion of the proficiency exam, or
   B. A grade of C or better in Math 106, 106R (Intermediate Algebra), or higher Math course.

Information Competency:
   A. A grade of C (or “P”) or better in LIB 4.
University of California 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. Please visit the Transfer Center.

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 assist.org. The minimum transfer requirements are:

a. 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 GPA is strongly recommended by most UC campuses to be competitive.

b. Complete a course pattern requirement to include:

c. Two transferable college courses (3 semester or 4-5 quarter units each) in English composition; and

d. One transferable college course (3 semester of 4-5 quarter units) in mathematical concepts and quantitative reasoning; and

e. Four transferable college courses (3 semester of 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 course work.

California State University (CSU)

Similar to other university systems, 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. A student may earn 70 semester units toward a CSU degree at an accredited two-year college.

CSU Transfer Student Admission Eligibility

West Valley College students interested in transferring as an upper division student to the CSU system are strongly advised to fulfill transfer requirements:

a. Complete at least 60 transferable semester (90 quarter) units,

b. Have a minimum grade point average of 2.0 (C) or better in all transferable units completed (nonresidents must have a grade point average of 2.4), and are in good standing at the last college or university attended, you may become eligible if you: Complete at least 30 semester (45 quarter) units of college courses with a grade of C or better in each course to be selected from courses in English, arts and humanities, social sciences, and mathematics at a level at least equivalent to courses that meet general education requirements. The 30 semester (45 quarter) units must include all of the general education requirements and complete the “golden four” to include written communication, oral communication, and critical thinking and mathematics (at least 3 semester or 4 quarter units) or, completion of the Intersegmental General Education Transfer Curriculum (IGETC) or CSU Breadth General Education Requirements.

Special Pathways to Transfer to Out-of-State Universities

University of Hawaii at Manoa

West Valley College offers an articulation agreement that provides students the opportunity to transfer to the College of Social Sciences at University of Hawaii at Manoa. WVC students need to successfully complete an Associate Degree for Transfer (ADT) in Anthropology, Economics, Geography, Political Science, Psychology or Sociology to earn guaranteed admission with 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: westvalley.edu/services/academic-success/transfertcenter/uh-manoa.html

Historically Black Colleges and Universities

West Valley College offers a guaranteed transfer pathway to 9 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 completing the CSU GE Breadth Requirements or the IGETC, an Associate degree and a 2.5 or higher Grade Point Average are guaranteed admissions at the junior level to the HBCU partners.

For more information, please visit: extranet.cccco.edu/HBCUTransfer.aspx

College Level Examination Program (CLEP)

West Valley College accepts selected CLEP scores for credit upon the receipt of official results from the College Board. Credit for some general and subject area examinations may be applied toward associate degree GE and major requirements for officially enrolled students. Credit is awarded at the discretion of each academic department with no credit awarded by the History and Political Science departments. For more specific applicability of CLEP scores, contact Admissions and Records.

Students are advised that if they transfer to another college or university, CLEP scores may not be recognized for credit by that institution. At this time, the University of California system does not accept CLEP examinations. CSU institutions have a uniform policy. Note that CLEP examinations may not be used to certify CSU GE or IGETC subject requirements. Students are advised to contact an academic counselor or check college catalogs for other schools’ CLEP policies. To request an official CLEP transcript, write to: Educational Testing Services, PO Box 6600, Princeton NJ 08541-6600.

See page 13 for more information.
Transfer

Associate Degree for Transfer (ADT)
The Associate Degree for Transfer allows West Valley College to grant an associate degree once a student has met specific transfer general education and major requirements. Upon completion, the student is eligible to transfer to the California State University system. In addition, students are given guaranteed admission into the CSU system and priority consideration when applying to a similar major. See Associate Degree for Transfer 16.

Transfer Credit
Many students who plan to earn a university degree find it to their advantage to complete their lower division coursework 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.

Ensuring Transfer Success
West Valley College is committed to creating partnerships with students to ensure a smooth transfer experience. 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: westvalley.edu/transfer

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.

Transfer Admission Guarantee (TAG)
West Valley College participates in “Transfer Admission Guarantee (TAG),” which guarantees qualifying students admission to many of the 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. For more information and/or to apply for a Transfer Admission Guarantee, the student should contact a counselor or the Transfer Center.

Transfer Alliance Program (TAP)
The Transfer Alliance Program is collaboration between the West Valley College Honors Program and UCLA College (Letters and Science) in conjunction with the offices of Undergraduate Admissions and Relations with Schools. Students who complete the Honors/Scholars Program at West Valley College receive priority consideration for admission to UCLA College (Letters and Science). Admitted TAP students are 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.

WVC Online Learning
Online learning utilizes the power of technology and trained instructors and counselors to provide students with access to higher education without having to be physically present at a specific place and time. West Valley College online courses are delivered using Canvas, a course management system that includes chats, discussion forums, email, and video conferencing to ensure regular and effective contact.

Online learning courses reduce a student’s travel time and costs, meet the needs of various learning styles, as well as the demands of a student’s personal and professional schedule. Many online courses fulfill general education and transfer requirements for public and private colleges and universities.

The West Valley College Online Learning Program integrates technology-mediated instruction and support services to deliver rigorous education online and to enrich hybrid and face-to-face courses.

WVC Title III
The purpose of the West Valley College Title III project is to create a virtual college within the college where distance learning students are supported by student services in a comparable manner to on campus students. Programs, departments, events, initiatives and services are communicated via text, video and animation. 508 compliant fillable forms support interaction with student support services. Online orientation, counseling, education plans and tutoring are a sampling of the Title III co-sponsored initiatives as students to begin and complete their education online. Focus over the five-year grant expands to instructional departments and courses. Additional emphasis includes data gathering and dissemination for meeting student success needs. In person students, staff and faculty are supported with informational resources relevant to student guided educational pathways. Faculty and staff participate in professional development activities designed to engage and motivate learners and meet the strategic goals of West Valley College.
**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.

**AA/AS Subject Area Credit:** In order for students to receive subject area credit for a specific AA or AS major, students must make an appointment with the Department Chair of the subject area.

**AA/AS General Ed Credit:** A student may receive credit toward AA and AS general education requirements by earning an AP score of 3, 4, or 5.

**CSU GE:** The Advanced Placement examinations may be incorporated into the certification of CSU General Education-Breadth requirements. All CSU campuses will accept the minimum units shown and apply them toward fulfillment of the designated General Education-Breadth area.

**IGETC:** AP exams must be used in the area indicated by UC campuses regardless of where West Valley College locates the specific discipline.

**ADDITIONAL NOTE:** Transfer credit requested for major requirements based on AP exams are determined by the individual transfer college/university. Course credit and units granted at West Valley College may differ from course credit and units granted by a transfer institution.

<table>
<thead>
<tr>
<th>EXAM</th>
<th>WVC AA/AS GE Subject Credit</th>
<th>WVC GE (AB) 1985</th>
<th>WVC Units Eamed toward AA</th>
<th>CSU GE</th>
<th>CSU - Units Earned toward Transfer</th>
<th>IGETC</th>
<th>UC - Units Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 1A and 1B (6 units)</td>
<td>Humanities 3 semester units</td>
<td>6 semester units</td>
<td>Area C1 or C2 3 semester units</td>
<td>6 semester units</td>
<td>Area 3A or 3B 3 semester units</td>
<td>5.3 semester units</td>
<td></td>
</tr>
<tr>
<td>Bio 10 (4 units)</td>
<td>Natural Sciences 4 semester units</td>
<td>6 semester units</td>
<td>Area B2 and B3 4 semester units</td>
<td>6 semester units</td>
<td>Area 5B (with lab) 4 semester units</td>
<td>5.3 semester units</td>
<td></td>
</tr>
<tr>
<td>Math 3A (5 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 2A 3 semester units</td>
<td>2.7 semester units**</td>
<td></td>
</tr>
<tr>
<td>Math 3A (score of 3) 5 units</td>
<td>Language and Rationality 3 semester units</td>
<td>6 semester units*</td>
<td>Area B4 3 semester units</td>
<td>6 semester units*</td>
<td>Area 2A 3 semester units</td>
<td>5.3 semester units**</td>
<td></td>
</tr>
<tr>
<td>Math 3A (score of 4 or 5) 10 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 2A 3 semester units</td>
<td>5.3 semester units**</td>
<td></td>
</tr>
</tbody>
</table>

Areas B1 and B3 (if taken prior to Fall 2009) 6 semester units

Chem 1A (5 units) | Natural Science 4 semester units | 6 semester units | Area B1 and B3 4 semester units | 6 semester units | Area 5A (with lab) 4 semester units | 5.3 semester units |
<p>| Humanities 3 semester units | 6 semester units | Area C2 3 semester units | 6 semester units | Area 3B and 6A 3 semester units | 5.3 semester units |</p>
<table>
<thead>
<tr>
<th>Area</th>
<th>Subject/Field</th>
<th>Units</th>
<th>Area</th>
<th>Subject/Field</th>
<th>Units</th>
<th>Area</th>
<th>Subject/Field</th>
<th>Units</th>
<th>Area</th>
<th>Subject/Field</th>
<th>Units</th>
<th>Area</th>
<th>Subject/Field</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Comparative Government &amp; Politics</td>
<td>3 sem units</td>
<td>B</td>
<td>Social/Behavioral Sciences</td>
<td>3 sem units</td>
<td>C</td>
<td>Area B8</td>
<td>3 sem units</td>
<td>D</td>
<td>Social/Behavioral Sciences</td>
<td>3 sem units</td>
<td>E</td>
<td>Area 4B</td>
<td>3 sem units</td>
</tr>
<tr>
<td>G</td>
<td>Computer Science A</td>
<td>3 sem units**</td>
<td>H</td>
<td>N/A</td>
<td>3 sem units**</td>
<td>I</td>
<td>N/A</td>
<td>6 sem units**</td>
<td>J</td>
<td>N/A</td>
<td>6 sem units**</td>
<td>K</td>
<td>N/A</td>
<td>2.7 sem units**</td>
</tr>
<tr>
<td>L</td>
<td>Computer Science Principles (AB)</td>
<td>3 sem units**</td>
<td>M</td>
<td>N/A</td>
<td>6 sem units**</td>
<td>N</td>
<td>N/A</td>
<td>6 sem units**</td>
<td>O</td>
<td>N/A</td>
<td>2.7 sem units**</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P</td>
<td>AP CS EXAM LIMITATIONS</td>
<td>**Maximum one exam toward transfer</td>
<td>Q</td>
<td>**Maximum 2.7 semester units for both</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>Economics - Macroeconomics</td>
<td>3 sem units</td>
<td>S</td>
<td>Social/Behavioral Sciences</td>
<td>3 sem units</td>
<td>T</td>
<td>Area D2</td>
<td>3 sem units</td>
<td>U</td>
<td>Area D2</td>
<td>3 sem units</td>
<td>V</td>
<td>Area 4B</td>
<td>3 sem units</td>
</tr>
<tr>
<td>X</td>
<td>Economics - Microeconomics</td>
<td>3 sem units</td>
<td>Y</td>
<td>Social/Behavioral Sciences</td>
<td>3 sem units</td>
<td>Z</td>
<td>Area D2</td>
<td>3 sem units</td>
<td>a</td>
<td>Area D2</td>
<td>3 sem units</td>
<td>b</td>
<td>Area 4B</td>
<td>3 sem units</td>
</tr>
<tr>
<td>d</td>
<td>English Language &amp; Composition</td>
<td>6 sem units</td>
<td>e</td>
<td>Area A2</td>
<td>3 sem units</td>
<td>f</td>
<td>Area A2</td>
<td>3 sem units</td>
<td>g</td>
<td>Area 1A</td>
<td>3 sem units</td>
<td>h</td>
<td>5.3 sem units*</td>
<td></td>
</tr>
<tr>
<td>i</td>
<td>English Language &amp; Composition</td>
<td>6 sem units</td>
<td>j</td>
<td>Area C of WVC GE</td>
<td>6 sem units</td>
<td>k</td>
<td>Area A2 and C2</td>
<td>6 sem units</td>
<td>l</td>
<td>Area 1A</td>
<td>3 sem units</td>
<td>m</td>
<td>5.3 sem units*</td>
<td></td>
</tr>
<tr>
<td>n</td>
<td>AP ENGLISH EXAM LIMITATIONS</td>
<td>**5.3 semester units maximum for both exams</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>o</td>
<td>Environmental Science</td>
<td>4 sem units</td>
<td>p</td>
<td>Area B and B3 (if taken prior to Fall 2009)</td>
<td>4 sem units</td>
<td>q</td>
<td>Area 5A (with lab)</td>
<td>3 sem units</td>
<td>r</td>
<td>2.7 sem units</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>s</td>
<td>French Language</td>
<td>6 sem units</td>
<td>t</td>
<td>Area C2 (if taken prior to Fall 2009)</td>
<td>6 sem units</td>
<td>u</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>v</td>
<td>French Language</td>
<td>6 sem units</td>
<td>w</td>
<td>Area C2 (if taken prior to Fall 2011)</td>
<td>6 sem units</td>
<td>x</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>y</td>
<td>French Language &amp; Culture</td>
<td>6 sem units</td>
<td>z</td>
<td>Area C2</td>
<td>3 sem units</td>
<td>a</td>
<td>Area C2</td>
<td>3 sem units</td>
<td>b</td>
<td>Area 3B and 6A</td>
<td>3 sem units</td>
<td>c</td>
<td>5.3 sem units</td>
<td></td>
</tr>
<tr>
<td>d</td>
<td>French Literature</td>
<td>6 sem units</td>
<td>e</td>
<td>Area C2 (if taken prior to Fall 2009)</td>
<td>6 sem units</td>
<td>f</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f</td>
<td>German Language</td>
<td>6 sem units</td>
<td>g</td>
<td>Area C2 (if taken prior to Fall 2009)</td>
<td>6 sem units</td>
<td>h</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>i</td>
<td>German Language</td>
<td>6 sem units</td>
<td>j</td>
<td>Area C2 (if taken prior to Fall 2011)</td>
<td>6 sem units</td>
<td>k</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>n</td>
<td>German Language &amp; Culture</td>
<td>6 sem units</td>
<td>o</td>
<td>Area C2</td>
<td>3 sem units</td>
<td>p</td>
<td>Area C2</td>
<td>3 sem units</td>
<td>q</td>
<td>Area 3B and 6A</td>
<td>3 sem units</td>
<td>r</td>
<td>5.3 sem units</td>
<td></td>
</tr>
<tr>
<td>s</td>
<td>Germ 2A</td>
<td>6 sem units</td>
<td>t</td>
<td>Area C2</td>
<td>6 sem units</td>
<td>u</td>
<td>Area 3B and 6A</td>
<td>3 sem units</td>
<td>v</td>
<td>Area 3B and 6A</td>
<td>3 sem units</td>
<td>w</td>
<td>5.3 sem units</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Area/C</td>
<td>Units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------</td>
<td>----------</td>
<td>-------</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human Geography</td>
<td>D series</td>
<td>3 units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3 units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latin Literature</td>
<td>Humanities</td>
<td>3 units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latin: Vergil</td>
<td>C2</td>
<td>3 semester units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latin</td>
<td>C</td>
<td>6 semester units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music Theory</td>
<td>Humanities</td>
<td>3 semester units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics 1 (first 4 units)</td>
<td>B1,B3</td>
<td>4 semester units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics 2</td>
<td>B1,B3</td>
<td>4 semester units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics B</td>
<td>Phys A</td>
<td>5 semester units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics C - Electricity/Magnetism</td>
<td>Phys 4A-4B</td>
<td>4 semester units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics C - Mechanics</td>
<td>Phys 4A-4B</td>
<td>4 semester units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP PHYSICS EXAM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish Language &amp; Culture</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Advanced Placement (AP) Exams**

**Limitations:**
- Maximum 4 semester units toward GE and 6 semester units toward transfer.
- Maximum 5.3 semester units for both.
- Maximum 5.3 semester units toward both.

*Transfer units from AP exams are subject to approval by the receiving institution.*
<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Semester Units</th>
<th>Area/Course Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Spanish Literature</strong></td>
<td>5</td>
<td>3</td>
<td>Area C2 (if taken prior to SU 2013)</td>
</tr>
<tr>
<td><strong>Spanish Literature &amp; Culture</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Statistics</strong></td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Studio Art – 2D Design</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Studio Art – 3D Design</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Studio Art - Drawing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AP STUDIO ART EXAM</strong></td>
<td></td>
<td></td>
<td>*Maximum 4 semester units toward GE and 6 semester units toward transfer</td>
</tr>
<tr>
<td><strong>U.S. Government and Politics</strong></td>
<td></td>
<td></td>
<td><strong>Maximum 5.3 semester units for all three</strong></td>
</tr>
<tr>
<td><strong>U.S. History</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>World History</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Spanish Literature
- **Units:** 5
- **Semester Units:** 3
- **Area:** C2 (if taken prior to SU 2013)
- **Notes:**
  - 6 semester units
  - 6 semester units

### Spanish Literature & Culture
- **Courses:** Span 2B
- **Units:** 5
- **Semester Units:** 3
- **Area:** C2
- **Notes:**
  - 6 semester units
  - 6 semester units
  - 5.3 semester units

### Statistics
- **Courses:** Math 10
- **Units:** 3
- **Semester Units:** 3
- **Area:** B4
- **Notes:**
  - 3 semester units
  - 2.7 semester units

### Studio Art – 2D Design
- **Department approval required**
- **Units:** N/A
- **Semester Units:** 3
- **Notes:**
  - N/A
  - 2.7 semester units

### Studio Art – 3D Design
- **Department approval required**
- **Units:** N/A
- **Semester Units:** 3
- **Notes:**
  - N/A
  - 2.7 semester units

### Studio Art - Drawing
- **Department approval required**
- **Units:** N/A
- **Semester Units:** 3
- **Notes:**
  - N/A
  - 2.7 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
- **Courses:** Polit 1
- **Units:** 3
- **Semester Units:** 3
- **Notes:**
  - Area D8 and US 2*
  - 3 semester units
  - 2.7 semester units

### U.S. History
- **Courses:** Area D series 2 – Social Science
- **Units:** 3
- **Semester Units:** 6
- **Notes:**
  - Area C2 or D6 + US -1
  - 6 semester units
  - 5.3 semester units

### World History
- **Courses:** Area D series 1 – Social Science
- **Units:** 3
- **Semester Units:** 6
- **Notes:**
  - Area C2 or D6
  - 6 semester units
  - 5.3 semester units
<table>
<thead>
<tr>
<th>CLEP Exam</th>
<th>Column 1 Application to CSU GE Certification</th>
<th>Column 2 Application to WVC Associate Degree General Education</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3 semester units toward CSU GE</td>
<td>3 semester units toward AA/AS GE</td>
</tr>
<tr>
<td><strong>AMERICAN GOVERNMENT</strong></td>
<td>with a passing score of 50</td>
<td>with a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area D8</td>
<td>Social Science Area D</td>
</tr>
<tr>
<td><strong>AMERICAN LITERATURE</strong></td>
<td>with a passing score of 50</td>
<td>with a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area C2</td>
<td>Humanities Area C</td>
</tr>
<tr>
<td><strong>ANALYZING &amp; INTERPRETING LIT.</strong></td>
<td>with a passing score of 50</td>
<td>with a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area C2</td>
<td>Humanities Area C</td>
</tr>
<tr>
<td><strong>BIOLOGY</strong></td>
<td>with a passing score of 50</td>
<td>with a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area B2</td>
<td>Natural Science Area B</td>
</tr>
<tr>
<td><strong>CALCULUS</strong></td>
<td>with a passing score of 50</td>
<td>With a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area B4</td>
<td>Language and Rationality Area A</td>
</tr>
<tr>
<td><strong>CHEMISTRY</strong></td>
<td>with a passing score of 50</td>
<td>with a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area B1</td>
<td>Natural Science Area B</td>
</tr>
<tr>
<td><strong>COLLEGE ALGEBRA</strong></td>
<td>with a passing score of 50</td>
<td>With a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area B4</td>
<td>Language and Rationality Area A</td>
</tr>
<tr>
<td><strong>COLLEGE ALGEBRA‐TRIG</strong></td>
<td>with a passing score of 50</td>
<td>With a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area B4</td>
<td>Language and Rationality Area A</td>
</tr>
<tr>
<td><strong>COLLEGE MATH</strong></td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>ENGLISH COMP</strong></td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>(no essay)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ENGLISH COMP</strong></td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>(with essay)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ENGLISH LITERATURE</strong></td>
<td>with a passing score of 50</td>
<td>with a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area C2</td>
<td>Humanities Area C</td>
</tr>
<tr>
<td><strong>FINANCIAL ACCTG</strong></td>
<td>with a passing score of 50</td>
<td>NA</td>
</tr>
<tr>
<td></td>
<td>credits earned 3.0</td>
<td></td>
</tr>
<tr>
<td><strong>FRENCH LEVEL I</strong></td>
<td>with a passing score of 50</td>
<td>NA</td>
</tr>
<tr>
<td></td>
<td>credits earned 6.0</td>
<td></td>
</tr>
<tr>
<td><strong>FRENCH LEVEL II</strong></td>
<td>with a passing score of 59</td>
<td>with a passing score of 59</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area C2</td>
<td>Humanities Area C</td>
</tr>
<tr>
<td><strong>FRESHMAN COLLEGE COMPOSITION</strong></td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>GERMAN LEVEL I</strong></td>
<td>with a passing score of 50</td>
<td>NA</td>
</tr>
<tr>
<td></td>
<td>credits earned 6.0</td>
<td></td>
</tr>
<tr>
<td><strong>GERMAN LEVEL II</strong></td>
<td>with a passing score of 60</td>
<td>with a passing score of 60</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area C2</td>
<td>Humanities Area C</td>
</tr>
<tr>
<td><strong>HISTORY, UNITED STATES I</strong></td>
<td>with a passing score of 50</td>
<td>with a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area D6 and US-1 US History</td>
<td>Social Science Area D Series 2</td>
</tr>
<tr>
<td><strong>HISTORY, UNITED STATES II</strong></td>
<td>with a passing score of 50</td>
<td>with a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area D6 and US-1 US History</td>
<td>Social Science Area D Series 2</td>
</tr>
<tr>
<td><strong>HUMAN GROWTH AND DEVELOPMENT</strong></td>
<td>with a passing score of 50</td>
<td>with a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area E</td>
<td>Social Science Area D Series 1</td>
</tr>
<tr>
<td><strong>HUMANITIES</strong></td>
<td>with a passing score of 50</td>
<td>with a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area C2</td>
<td>Humanities Area C</td>
</tr>
<tr>
<td><strong>INFO SYSTEMS &amp; COMP APPLICATIONS</strong></td>
<td>with a passing score of 50</td>
<td>with a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>credits earned 3.0</td>
<td></td>
</tr>
<tr>
<td><strong>INTRO EDUC PSYC</strong></td>
<td>with a passing score of 50</td>
<td>NA</td>
</tr>
<tr>
<td></td>
<td>credits earned 3.0</td>
<td></td>
</tr>
<tr>
<td><strong>INTRO BUS LAW</strong></td>
<td>with a passing score of 50</td>
<td>NA</td>
</tr>
<tr>
<td></td>
<td>credits earned 3.0</td>
<td></td>
</tr>
<tr>
<td><strong>INTRODUCTORY</strong></td>
<td>with a passing score of 50</td>
<td>with a passing score of 50</td>
</tr>
<tr>
<td></td>
<td>CSU GE Area D9</td>
<td>Social Science Area D Series 1</td>
</tr>
<tr>
<td>IB Exam – HL EXAMS</td>
<td>Column 1</td>
<td>Column 2</td>
</tr>
<tr>
<td>--------------------</td>
<td>----------</td>
<td>----------</td>
</tr>
<tr>
<td></td>
<td>Application to IGETC Certification</td>
<td>Application to CSU GE Certification</td>
</tr>
<tr>
<td></td>
<td>3 semester units toward IGETC Area</td>
<td>3 semester units toward CSU GE</td>
</tr>
<tr>
<td>BIOLOGY HL</td>
<td>IGETC Area 5B w/o Lab</td>
<td>With a passing score of 5 CSU GE Area B2</td>
</tr>
<tr>
<td>CHEMISTRY HL</td>
<td>IGETC Area 5A w/o Lab</td>
<td>With a passing score of 5 CSU GE Area B1</td>
</tr>
<tr>
<td>ECONOMICS HL</td>
<td>IGETC Area 4</td>
<td>With a passing score of 5 CSU GE Area D2</td>
</tr>
<tr>
<td>GEOGRAPHY HL</td>
<td>IGETC Area 4</td>
<td>With a passing score of 5 CSU GE Area D5</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>
</tr>
<tr>
<td>LANGUAGE A1 HL (ANY LANGUAGE)</td>
<td>IGETC Area 3B and, Score 4, 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>
</tr>
<tr>
<td>LANGUAGE A2 HL (ANY LANGUAGE)</td>
<td>IGETC Area 3B and, Score 4, 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>
</tr>
<tr>
<td>LANGUAGE B HL (ANY LANGUAGE)</td>
<td>With a passing score of 4 IGETC Area 6A</td>
<td>NA</td>
</tr>
<tr>
<td>MATHEMATICS HL</td>
<td>With a passing score of 4 IGETC Area 2</td>
<td>With a passing score of 4 CSU GE Area B4</td>
</tr>
<tr>
<td>PHYSICS HL</td>
<td>IGETC Area 5A w/o Lab</td>
<td>With a passing score of 5 CSU GE Area B1</td>
</tr>
<tr>
<td>PSYCHOLOGY HL</td>
<td>IGETC Area 4</td>
<td>With a passing score of 5 CSU GE Area D9</td>
</tr>
<tr>
<td>THEATRE HL</td>
<td>IGETC Area 3A</td>
<td>With a passing score of 4 CSU GE Area C1</td>
</tr>
</tbody>
</table>
CSU General Education/Breadth Requirements

Since 1981, the California State University (CSU) has required that a minimum of 48 semester units of general education courses be completed before a baccalaureate would be awarded. Up to 39 of these units may be certified by a community college.

In order to facilitate the transfer of West Valley College students who plan to attend a CSU campus, our certification of general education requirements may include previously completed courses from other institutions as well as courses completed at West Valley College. Courses completed at other institutions must be evaluated by the Records Office. It is the student's responsibility to provide: (a) an official copy of his/her transcripts; and (b) submit a Transcript Evaluation Form to Counseling Office.

- Completions of Area A1, A2, A3 and B4 with a letter grade of “C” or better, 60 transferable units with a cumulative GPA of 2.0 are required for admission.
- Courses may be used to satisfy both major and general education requirements—the units will be counted only once for the degree.
- It is recommended that CSU transfers complete the “U.S. History, Constitution and American Ideals” requirements prior to transfer.
- Certification – For students completing CSU general education pattern, the entire pattern should be completed in order to obtain full certification prior to transferring. To receive partial certification, the CSU campuses will accept one or more completed AREAS.
- It is advisable to complete the lower division major preparation courses required by the CSU campus – visit ASSIST.org for more information.
- Advanced Placement test scores of 3 or better can be used to clear one general education course requirement per exam. Please see the AP chart in the West Valley College catalog.

Note: There are instances when a WVC course is approved for CSU GE but the same course at Mission College is NOT approved for the same CSU GE (or vice versa). Use ASSIST. View the CSU GE list for the college in which you are enrolled to confirm CSU GE applicability.

General Education/Breadth Requirements Summary

<table>
<thead>
<tr>
<th>West Valley A.A./A.S. Degree General Education Requirements (for students who want an A.A./A.S. Degree)</th>
<th>California State University (CSU) GE Breadth – All Campuses General Education/Breadth Requirements</th>
<th>UC/CSU – All Campuses Intersegmental General Education Transfer Curriculum (IGETC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester Units</td>
<td>Semester Units</td>
<td>Semester Units</td>
</tr>
<tr>
<td><strong>Area A:</strong> Language and Rationality</td>
<td><strong>Area A:</strong> English Language Communication and Critical Thinking</td>
<td><strong>Area 1:</strong> English Communication</td>
</tr>
<tr>
<td>6.0</td>
<td>1. Oral Communication</td>
<td>9.0</td>
</tr>
<tr>
<td>1. English Composition</td>
<td>2. Written Communication</td>
<td>1. English Composition</td>
</tr>
<tr>
<td><strong>Area B:</strong> Natural Sciences</td>
<td><strong>Area B:</strong> Scientific Inquiry and Quantitative Reasoning</td>
<td>3. Oral Communication (CSU only)</td>
</tr>
<tr>
<td>3.0</td>
<td>1. Physical Science</td>
<td>9.0</td>
</tr>
<tr>
<td><strong>Area C:</strong> Humanities</td>
<td><strong>Area C:</strong> Life Science</td>
<td></td>
</tr>
<tr>
<td>3.0</td>
<td><strong>Area C:</strong> Laboratory Activity</td>
<td></td>
</tr>
<tr>
<td><strong>Area D:</strong> Social Sciences</td>
<td><strong>Area C:</strong> Mathematics/Quantitative Reasoning</td>
<td></td>
</tr>
<tr>
<td>6.0</td>
<td><strong>Area C:</strong> Approaches to Knowledge and Inquiry</td>
<td></td>
</tr>
<tr>
<td>Two courses (one from D1, and one from D2)</td>
<td><strong>Area C:</strong> Interdisciplinary Calculations and Methods</td>
<td></td>
</tr>
<tr>
<td><strong>Area E:</strong> Lifelong Understanding and Development</td>
<td><strong>Area C:</strong> Humanities</td>
<td><strong>Area 3:</strong> Arts &amp; Humanities</td>
</tr>
<tr>
<td>3.0</td>
<td>1. Arts</td>
<td>At least three courses including one from Arts, one from Humanities, and a third from Arts or Humanities</td>
</tr>
<tr>
<td>Option 1 or Option 2</td>
<td>2. Humansities</td>
<td>9.0</td>
</tr>
<tr>
<td><strong>Area F:</strong> Cultural Diversity</td>
<td><strong>Area 4:</strong> Social &amp; Behavioral Sciences</td>
<td><strong>Area 4:</strong> Social &amp; Behavioral Sciences</td>
</tr>
<tr>
<td>3.0</td>
<td>At least 3 courses from at least 2 disciplines.</td>
<td>At least 3 courses from at least 2 disciplines.</td>
</tr>
<tr>
<td><strong>Area G:</strong> Kinesiology Activity</td>
<td><strong>Area 5:</strong> Physical &amp; Biological Sciences</td>
<td><strong>Area 5:</strong> Physical &amp; Biological Sciences</td>
</tr>
<tr>
<td>1.0</td>
<td><strong>Area 5:</strong> Physical Science</td>
<td></td>
</tr>
<tr>
<td>Proficiency Requirements for Graduation: Reading, Writing, Math, Information Competency.</td>
<td><strong>Area 5:</strong> Biological Science</td>
<td>At least 2 courses, one Physical Science and one Biological Science; one must include a laboratory.</td>
</tr>
<tr>
<td><strong>Other requirements:</strong> A combination of History and Political Science</td>
<td><strong>Area 6:</strong> Language other than English (UC only)</td>
<td>6.0</td>
</tr>
<tr>
<td><strong>Total Units:</strong> 25.0</td>
<td><strong>Minimum Units:</strong> 39.0</td>
<td><strong>Total Units:</strong> 36.0</td>
</tr>
</tbody>
</table>
Intersegmental General Education Transfer Curriculum (IGETC)

IGETC is a series of courses that community college students can use to satisfy lower division general education requirements for any CSU or UC campus. IGETC is an alternative to the CSU and local UC General Education-Breadth requirements. Many private universities also recognize IGETC for fulfillment of general education requirements. IGETC is a good option for the student who intends to transfer but is undecided about a major and/or unsure about attending CSU or UC. Some universities do not accept IGETC. Always consult a counselor when developing an educational plan.

- A grade of "C-" or better in at least 2 years of the same foreign language in high school will clear the LOTE (Language Other Than English) area.
- CSU transfers need not complete the (LOTE) Language Other Than English requirement.
- UC transfers need not complete the Oral Communication requirement (Area 1, Group C).
- Advanced Placement test scores of 3 or better can be used to clear one course requirement per exam. Please see the AP chart in the West Valley College catalog. The only area in IGETC where AP scores are not appropriate is Area 1-B, the second composition/critical thinking course. UC transfers who will not complete the IGETC are strongly encouraged to consult with a counselor about campus specific provisions for AP credit.
- It is recommended that CSU transfers complete the “U.S. History, Constitution and American Ideals” requirements prior to transfer. Information on those courses can be found on the CSU GE Breadth sheet.
- Completion of the IGETC is not an admission requirement for transfer to a CSU or UC, nor is it the only way to fulfill the lower-division general education requirements prior to transfer. Students may find it advantageous to take courses fulfilling the general education requirements or breadth requirements of a particular CSU or UC campus. (See a Counselor)
- Certification – For students completing IGETC, the entire pattern should be completed in order to obtain full certification prior to transferring. While it is not advisable, students missing up to two courses may request a partial certification of IGETC. It is the student’s responsibility to request certification.
- For UC campuses only, some colleges or schools do not accept the IGETC as complete fulfillment of lower division breadth. The IGETC is not recommended for some majors (engineering, computer science, the biological/physical sciences, and other high unit lower division major prep.) See chart below. Please talk to your counselor about your major and your target UC campuses. For the most recent articulation information, see http://www.assist.org.

Note: There are instances when a WVC course is approved for IGETC but the same course at Mission College is NOT approved for the same CSU GE (or vice versa). Use ASSIST. View the IGETC list for the college in which you are enrolled to confirm CSU GE applicability.

| UC BERKELEY | IGETC is highly recommended for all majors in the College of Letters & Science. The Colleges of Engineering, Environmental Design, Chemistry, and the Hass School of Business have extensive, prescribed major prerequisites (check ASSIST.org). In general, IGETC is not appropriate preparation for majors in these colleges. Although IGETC satisfies breadth requirements for most majors in the College of Natural Resources, specific lower-division major requirements must be satisfied. All requirements must be completed by spring prior to fall transfer. |
| UC DAVIS | IGETC works well for Bachelor of Arts majors with few units of lower-division preparation. Bachelor of Science degrees and high-unit majors often have many courses of lower-division preparation. In these cases, IGETC is NOT recommended. Completion of IGETC is optional because major preparation courses should take precedence. |
| UC IRVINE | All schools accept IGETC. However, selection by the campus is based on demonstrated academic achievement and preparation for the intended major. IGETC may not be ideal for students interested in Engineering. (See above). |
| UCLA | IGETC is not accepted by the School of Engineering & Applied Science. Completion of IGETC is strongly encouraged by the College of Letters & Science, the School of Arts & Architecture, and the School of Theater, Film & Television requires completion of either the school’s GE requirements or IGETC for admission. |
| UC MERCED | The School of Engineering and the School of Natural Sciences do not recommend IGETC. Completion of IGETC is strongly encouraged for the School of Social Sciences, Humanities & Arts. |
| UC RIVERSIDE | The College of Engineering accepts IGETC; however, additional breadth coursework may be required after enrollment. The College of Natural & Agricultural Sciences does not accept IGETC. Business Administration majors must complete IGETC (recommended) or the UCR breadth pattern for the College of Humanities, Arts, & Social Sciences. |
| UC SAN DIEGO | IGETC is accepted by John Muir, Earl Warren, Sixth and Thurgood Marshall colleges only. Students completing IGETC are welcome at Eleanor Roosevelt and Revelle Colleges; however, they must fulfill the specific GE requirements of those colleges. All majors are available to students in each college, so students who choose IGETC will not be restricted in their choice of major. |
| UC SANTA BARBARA | Transfers to the College of Letters & Science and the College of Creative Studies may use IGETC to substitute for GE requirements. Engineering transfers may also use IGETC to substitute for GE requirements but must complete a “depth requirement” with a year-long sequence in the history of: World civilization, Western civilization, United States, Western philosophy, or Western art, or with upper division coursework after transfer. |
| UC SANTA CRUZ | IGETC is not appropriate preparation for majors in the Schools of Engineering or the Division of Physical & Biological Sciences. |
General Education/Breadth Requirements for A.A./A.S. Degree for 2017-2018

Effective: Fall 2017 through Summer 2018

An Associate Degree is a first level college degree earned signifying the completion of least 60 degree applicable semester units in General Education courses (GE.) and courses required for major with a 2.0 (or higher) grade point average. A minimum of 12 units must be in residence and a maximum of 20 "Pass" units may be applied toward the completion of the associate degree. Proficiency in Reading, Writing, Math and Information Competency is required for graduation. A course may only be used in one category to fulfill requirements in Areas A through G.

Note: Associate Degree general education requirements are not necessarily the same as general education needed to transfer. For transfer general education pattern, refer to CSUGE/Breadth or IGETC. Not appropriate for students pursuing an AA-T or AS-T. Students must consult with a counselor to discuss their educational plan.

DIRECTIONS: Indicate courses using Completed (C), In Progress (IP), Planned (P), or list courses taken at other colleges. Indicate Advanced Placement (AP) score of 3 or higher where appropriate. Proof of AP and official transcript(s) will be required for transcript evaluation. Note: An *H* indicates Honors courses.

### A. LANGUAGE AND RATIONALITY

6 units minimum – (one course from A1 and one course from A2)

<table>
<thead>
<tr>
<th>Area</th>
<th>C</th>
<th>IP</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### A1 - English Composition

<table>
<thead>
<tr>
<th>English 1A (with a &quot;C&quot; or better)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

### A2 - Communication and Analytical thinking

<table>
<thead>
<tr>
<th>Communication Studies 1, 10, 10H, 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Information Systems 2, 4A, 4A1</td>
</tr>
<tr>
<td>English 1B, 1C, 1CH</td>
</tr>
<tr>
<td>Math 104, 106, 106R, 106S, D, G, 1, 2, 3A, 3B, 4A, 4B, 4C, 8, 10, 10H, 12, 14, 19</td>
</tr>
</tbody>
</table>

### B. NATURAL SCIENCES

3 units minimum

<table>
<thead>
<tr>
<th>Anthropology 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astronomy 2(L), 2H(L), 5, 10, 11, 14, 20(L), 29H(L), 21(L), 21H(L), 22</td>
</tr>
<tr>
<td>Biology 2, 10, 10L(L), 11H(L), 11L(L), 12(L), 13(L), 14(L), 18(L), 22(L), 23, 24, 35(L), 36, 37, 38, 40(L), 41(L), 42(L), 42H(L), 43(L), 45(L), 47(L), 48(L), 50(L), 50(L), 55(L), 56(L), 58(L), 59</td>
</tr>
<tr>
<td>Chemistry 1A(L), 1B(L), 2(L), 2A(L), 2A(L), 2B(L), 2B(L), 30A(L), 30B(L), 30B(L)</td>
</tr>
<tr>
<td>Geography 1</td>
</tr>
<tr>
<td>Geology 1A(L), 1A(L), 1B(L), 1B(L), 15, 20(L), 30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B1 - Physical Education – 3 units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nutrition Science 4</td>
</tr>
<tr>
<td>Health Care Technologies 4</td>
</tr>
</tbody>
</table>

### C. HUMANITIES

3 units minimum

| Arabic 1A |
| Architecture 46, 47 |
| Chinese 1A |
| Digital Media 2, 99 |
| English 5A, 5B, 6A, 6AH, 6B, 6BH, 7A, 7B, 10, 12, 13, 18, 41, 43, 43H, 44, 46, 46H, 47, 47A, 48, 48H, 49, 49H, 70, 71, 72 |
| Fashion Design 32 |
| French 1A, 1B, 2A, 2B, 3A, 3B |
| German 1A, 1B, 2A, 2B |
| History 34 |
| Humanities 1A, 1B |
| Italian 1A, 1B, 2A, 2B |
| Japanese 1A, 1B, 2A, 2B |
| 63A B, 64, 65A B C, 66, 67A B C, 68, 69 |
| Nutrition Science 22 |
| Philosophy 1, 3, 4, 5, 12, 22 |
| Kinesiology-Theory 51, 51H |
| Portuguese 1A, 1B |
| Russian 1A, 1B |
| Sign Language 60A, 60B |
| Spanish 1A, 1B, 2A, 2B, 3A, 3B |
| Women and Gender Studies 1, 2, 3, 4A |

### D. SOCIAL SCIENCES

6 units minimum - Select one course from D1 and one course from D2

<table>
<thead>
<tr>
<th>D1 - Social and Behavioral Sciences - 3 units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration of Justice 1, 26</td>
</tr>
<tr>
<td>Anthropology 2, 3, 4H, 4, 55</td>
</tr>
<tr>
<td>Business 15, 61</td>
</tr>
<tr>
<td>Child Studies 2, 5, 63</td>
</tr>
<tr>
<td>Communication Studies 12</td>
</tr>
<tr>
<td>Economics 1A, 1AH, 1B, 1B1, 2A, 2AH, 2B, 2BH</td>
</tr>
<tr>
<td>Geography 2, 6</td>
</tr>
<tr>
<td>Health Education 8,10</td>
</tr>
<tr>
<td>History 3, 4A, 4B, 5A, 5B, 8A, 8B, 12, 14, 16, 34</td>
</tr>
<tr>
<td>Political Science 2, 3, 4, 4</td>
</tr>
<tr>
<td>Psychology 1, 17, 25</td>
</tr>
<tr>
<td>Sociology 1, 2, 3, 20, 28, 40, 45</td>
</tr>
<tr>
<td>Women and Gender Studies 1, 2, 3, 4A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D2 - American History and Institutions – 3 units</th>
</tr>
</thead>
<tbody>
<tr>
<td>History 17A, 17B, 17BH, 20</td>
</tr>
<tr>
<td>Political Science 1, 1H (or complete the CSU American History and Institutions requirement)</td>
</tr>
</tbody>
</table>

### E. LIFELONG UNDERSTANDING AND DEVELOPMENT

Option 1: 3 units from area A, B, C or D OR Option 2: 3 units from courses listed below.

| Business 61, 78 |
| Child Studies 53 |
| Communication Studies 4, 8 |
| Counseling 5, 12, 12C, 24 |
| Health Education 8, 10, 12 |
| Learning Services 1 |
| Library Skills 4 |
| Kinesiology 12.11, 12.20, 12.21, 12.22 |
| Kinesiology-Theory 42, 44 |
| Psychology 12, 25, 30 |
| Sociology 1, 2, 3, 20, 28, 40, 45 |
| Student Success 100 |

### F. CULTURAL DIVERSITY

3 units required

| Art 1E, 10, 95 |
| Anthropology 3, 4, 56 |
| Child Studies 5 |
| Communication Studies 12 |
| Counseling 50 |
| English 12, 13, 18, 46 46H |
| Music 55 |
| Nutrition Science 15, 20 |
| Park Management 10 |
| Philosophy 2, 21 |
| Kinesiology-Theory 51, 51H |
| Psychology 9 |
| Sociology 1, 2, 3, 20, 28, 40, 45 |
| Women and Gender Studies 1, 2 |

### G. KINESIOLOGY ACTIVITY (physical education activity)

1 unit is required – Course must be activity based - no Kinesiology theory courses.

### PROFICIENCY REQUIREMENTS FOR GRADUATION

A grade of "C" or better or qualifying placement score is required for the following:

| Writing – English 1A |
| Math – Math 106, 106R, or higher |
| Information Competency – Library 4 |

Articulation Office 03/2017
**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 cumulative GPA of 2.0 are required for admission.**

**DIRECTIONS:** Indicate courses using Completed (C), In Progress (IP), Planned (P). Indicate Advanced Placement (AP) score of 3 or higher where appropriate. Proof of AP and official transcript(s) will be required for transcript evaluation. Note: An "H" notation indicates Honors courses.

### AREA A - ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING

CSU – 3 courses required: one from A1, A2, and A3 (3 semester or 4-5 quarter units from each group). All courses (Area A1 – A3) must be completed with a grade of "C" or better.

<table>
<thead>
<tr>
<th>A1 - Oral Communication</th>
<th>A2 - Written Communication</th>
<th>A3 - Critical Thinking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Studies 1, 10, 10H, 20</td>
<td>English 1A</td>
<td>English 1B, 1C, 1CH, Philosophy 2, 3, 17</td>
</tr>
</tbody>
</table>

### AREA B - SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING

9 semester or 12-15 quarter units - One course from Physical Sciences (B1), one course from Life Sciences (B2), and one course from Mathematics (B4). Astronomy 2 Lab with Astronomy 10, OR 11 qualifies for LeoLab Credit.

<table>
<thead>
<tr>
<th>B1 - Physical Sciences</th>
<th>B2 - Life Sciences</th>
<th>B3 - Laboratory Activity</th>
<th>B4 - Mathematics / Quantitative Reasoning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astronomy 2(L), 10, 11, 14, 20(L), 20H(L), 21(L), 21H(L), 22</td>
<td>Anthropology 1</td>
<td>Laboratory course used from B1 or B2</td>
<td>D, C, 1, 2, 3A, 3B, 4A, 4B, 4C, 8, 10, 10H, 12, 14, 19</td>
</tr>
<tr>
<td>Chemistry 1A(L), 1B(L), 2(L), 12A(L), 12B(L), 30A(L), 30B(L)</td>
<td>Biology 1, 2, 10(L), 11(L), 11H(L), 12(L), 12H(L), 20(L), 23, 24, 26, 37, 38 (F15*), 41(L), 42(L), 43(L), 45(L), 47(L), 48(L), 55 (F15*), 56(L)(F15*), 58(L)(F15*)</td>
<td>Psychology 2(L), 2H(L), 7</td>
<td>D, C, 1, 2, 3A, 3B, 4A, 4B, 4C, 8, 10, 10H, 12, 14, 19</td>
</tr>
<tr>
<td>Geography 1</td>
<td>Geology 1A(L), 1AH(L), 1B, 2B(L), 15, 20(L)</td>
<td></td>
<td>B2</td>
</tr>
<tr>
<td>Oceanography 10(L)</td>
<td>Physical Science 10, 20</td>
<td></td>
<td>B3</td>
</tr>
<tr>
<td>Physics 1, 2A(L), 2B(L), 4A(L), 4B(L), 4C(L), 10(L), 4D(F15*)</td>
<td>Kinesiology-Theory 44</td>
<td></td>
<td>B4</td>
</tr>
</tbody>
</table>

### AREA C - ARTS AND HUMANITIES

9 semester units or 12-15 quarter units - must complete one course from C1, one course from C2, then a third course from either C1 or C2.

<table>
<thead>
<tr>
<th>C1 - Arts</th>
<th>C2 - Humanities</th>
<th>C3 - Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture 46, 47</td>
<td>Arabic 1A</td>
<td>Administration of Justice 1, 26</td>
</tr>
<tr>
<td>Art 1A, 1AH, 1B, 1BH, 1D, 1DH, 1E, 1F, 1H, 4, 4H, 7, 10, 12A, 12B, 13, 14</td>
<td>Art 95</td>
<td>Anthropology 1, 2, 3, 3H, 4, 4H, 5, 5H</td>
</tr>
<tr>
<td>Fashion Design 32</td>
<td>Chinese 1A</td>
<td>Business 61</td>
</tr>
<tr>
<td>Music 1, 2, 3A, 3B, 4A, 4B, 5, 7, 9, 10, 54, 55</td>
<td>English 5A, 5B, 6A, 6AH, 6B, 6BH, 7A, 7B, 10, 12, 13, 15,</td>
<td>Child Studies 2, 5, 63</td>
</tr>
<tr>
<td>Kinesiology-Theory 51, 51H</td>
<td>41, 43, 43H, 44, 46, 46H, 47, 48, 48H, 49, 49H, 72</td>
<td>Communication Studies 12</td>
</tr>
<tr>
<td>Theatre 10, 10H, 11A, 11BH, 11C, 12, 14A, 14B, 14C, 15, 20</td>
<td>French 1A, 1B, 2A, 2B, 3A, 3B</td>
<td>Counseling 50</td>
</tr>
<tr>
<td>Women and Gender Studies 2 (F13*)</td>
<td>German 1A, 1B, 2A, 2B</td>
<td>Economics 1A, 1AH, 1B, 1BH, 2A (with Economics 1A), 2B (with Economics 1B)</td>
</tr>
<tr>
<td></td>
<td>History 3, 4A, 4B, 5A, 5B, 8A, 8B, 12, 14, 16, 17A, 17B, 17BH, 20, 34</td>
<td>Women and Gender Studies 2(F13*), 3(F13*), 4A(F13*)</td>
</tr>
</tbody>
</table>

### AREA D - SOCIAL SCIENCES

9 semester units or 12-15 quarter units – the 3 courses are required from at least two different disciplines.

<table>
<thead>
<tr>
<th>D1 - Social Sciences</th>
<th>D2 - Social Sciences</th>
<th>D3 - Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration of Justice 1, 26</td>
<td>Arabic 1A</td>
<td>Geography 2, 6</td>
</tr>
<tr>
<td>Anthropology 2, 3, 3H, 4, 4H, 5, 5H</td>
<td>Art 95</td>
<td>Health Education 8, 10</td>
</tr>
<tr>
<td>Business 61</td>
<td>Chinese 1A</td>
<td>History 3, 4A, 4B, 5A, 5B, 6A, 8B, 12, 14, 16, 17A, 17B, 17BH, 20, 34</td>
</tr>
<tr>
<td>Child Studies 2, 5, 63</td>
<td>English 5A, 5B, 6A, 6AH, 6B, 6BH, 7A, 7B, 10, 12, 13, 15,</td>
<td>Political Science 1, 1H, 2, 3, 3H, 4</td>
</tr>
<tr>
<td>Communication Studies 12</td>
<td>41, 43, 43H, 44, 46, 46H, 47, 48, 48H, 49, 49H, 72</td>
<td>Psychology 1, 17, 25</td>
</tr>
<tr>
<td>Counseling 50</td>
<td>French 1A, 1B, 2A, 2B, 3A, 3B</td>
<td>Sociology 1, 2(F14*), 3, 20(F13*), 28(F14*), 40, 45(F13*)</td>
</tr>
<tr>
<td>Economics 1A, 1AH, 1B, 1BH, 2A (with Economics 1A), 2B (with Economics 1B)</td>
<td>German 1A, 1B, 2A, 2B</td>
<td>Women and Gender Studies 1(F13*), 2(F13*), 3(F13*), 4A(F13*)</td>
</tr>
</tbody>
</table>

### AREA E - LIFELONG LEARNING AND SELF-DEVELOPMENT

3 units minimum – only 1 unit of Kinesiology allowed.

<table>
<thead>
<tr>
<th>E1 - Lifelong Learning and Self-Development</th>
<th>E2 - Lifelong Learning and Self-Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child Studies 2, 63</td>
<td>Library Skills 4</td>
</tr>
<tr>
<td>Communication Studies 4, 8, 12</td>
<td>Learning Services 1 (F11*)</td>
</tr>
<tr>
<td>Counseling 5, 12, 12C, 24, 50</td>
<td>Nutritional Science 1</td>
</tr>
<tr>
<td>Health Education 8, 10, 12</td>
<td>Kinesiology Activity Course (only 1 unit allowed)</td>
</tr>
</tbody>
</table>

**CSU GRADUATION REQUIREMENTS:** The American Institutions requirement may be met by one of the following pairs:

- History 12 & Political Science 1 or 1H
- History 14 & Political Science 1 or 1H
- History 16 & Political Science 1 or 1H
- History 17A & 20
- History 17A & Political Science 1 or 1H
- History 17B & Political Science 1 or 1H
- History 17BH & Political Science 1 or 1H

Requirements are subject to change. Visit [WWW.ASSIST.ORG](http://WWW.ASSIST.ORG) for a complete listing of courses approved for EACH academic year.

*Represents year that course was approved. Articulation Office 04/2017
### Intersegmental General Education Transfer Curriculum (IGETC) for 2017-2018

#### EFFECTIVE: Fall 2017 through Summer 2018

For many majors, completion of IGETC courses with a grade of C or better fulfills lower division general education requirements to transfer to the UC & CSU systems (consult with a counselor). SEE EXCEPTIONS ON REVERSE SIDE. A full or partial “Certification” may be requested on Transcript Request form available in the A & R Office or on the web. Courses may NOT be used in more than one Area.

For CSU American Institution graduation requirements, see CSU GE pattern sheet.

Note: An “H” indicates Honors courses.

**For CSU American Institution graduation requirements, see CSU GE pattern sheet.**

Courses may NOT be used in more than one Area.

**Note:** Placement (AP) score of 3 or higher where appropriate. Proof of AP and official transcript(s) will be required for transcript evaluation. If completed in high school, submit official transcripts to Admissions and Records.

#### DIRECTIONS:

Indicate courses using Completed (C), In Progress (IP), Planned (P), or list courses taken at other colleges. Indicate Advanced Placement (AP) score of 3 or higher where appropriate. Proof of AP and official transcript(s) will be required for transcript evaluation.

#### Note:

An “H” indicates Honors courses.

#### AREA 1 – ENGLISH COMMUNICATION

CSU – 3 courses required: one course each from Area 1A, Area 1B, and Area 1C (3 semester or 4-5 quarter units from each Area)

UC – 2 courses required: one course each from Area 1A and Area 1B (3 semester or 4-5 quarter units from each Area)

<table>
<thead>
<tr>
<th>Area 1A</th>
<th>1B</th>
<th>1C</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition English 1A</td>
<td>English 1B (F10*), 1C, 1CH Philosophy 3,17</td>
<td>Oral Communication (CSU requirement only) Communication Studies 1, 10, 10H, 20</td>
</tr>
</tbody>
</table>

#### AREA 2 – MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

1 course of at least 3 semester or 4-5 quarter units

<table>
<thead>
<tr>
<th>Area 2A</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Math</td>
<td></td>
</tr>
</tbody>
</table>

| 1, 2, 3A, 3B, 4A, 4B, 4C, 8, 10, 10H, 12, 19, G (F15*) | |

#### AREA 3: ARTS AND HUMANITIES

3 courses required - 9 semester or 12-15 quarter units: At least one from Arts (3A), one from Humanities (3B) & a third course from either Arts (3A) or Humanities (3B)

<table>
<thead>
<tr>
<th>Area 3A</th>
<th>3B - HUMANITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 1A, 1AH, 1B, 1B(H), 1D, 1DH, 1E, 1G, 1J, 4, 4H, 7, 10, 12A, 12B, 13, 14</td>
<td>English 5A, 5B, 6A, 6AH, 6B, 6BH, 7A, 7B, 10, 12, 13, 18, 41, 43, 43H, 44, 46, 46H, 47, 48, 48H, 49, 49H</td>
</tr>
<tr>
<td>Music 1, 2, 3A, 3B, 4A, 4B, 5, 7, 9, 10, 34, 55</td>
<td>French 1B, 2A, 2B, 3A, 3B</td>
</tr>
<tr>
<td>Theatre 10, 10H, 11A, 11B, 11C, 12, 14A, 14B, 14C, 15</td>
<td>German 1B, 2A, 2B</td>
</tr>
<tr>
<td>Kinesiology-Theory 51, 51H</td>
<td>History 3, 4A, 5A, 5B, 8A, 8B, 12, 14, 16, 17A, 17B, 17BH, 20, 34</td>
</tr>
<tr>
<td>Anthropology 1A, 1AH, 2A, 2B, 2H, 2H(L)</td>
<td>Humanities 1A, 1B, 1B</td>
</tr>
<tr>
<td>Theatre 10, 10H, 11A, 11B, 11C, 12, 14A, 14B, 14C, 15</td>
<td>Italian 1B, 2A, 2B</td>
</tr>
<tr>
<td>Drama 1, 2, 3A, 3B, 4A, 4B, 5, 7, 10, 54, 55</td>
<td>Japanese 1B, 2A, 2B</td>
</tr>
<tr>
<td>Theatre 10, 10H, 11A, 11B, 11C, 12, 14A, 14B, 14C, 15</td>
<td>Philosophy 1, 4, 5, 12, 21, 22</td>
</tr>
<tr>
<td>Theatre 10, 10H, 11A, 11B, 11C, 12, 14A, 14B, 14C, 15</td>
<td>Portuguese 1B</td>
</tr>
<tr>
<td>Theatre 10, 10H, 11A, 11B, 11C, 12, 14A, 14B, 14C, 15</td>
<td>Russian 1B</td>
</tr>
<tr>
<td>Theatre 10, 10H, 11A, 11B, 11C, 12, 14A, 14B, 14C, 15</td>
<td>Sign Language 60B</td>
</tr>
<tr>
<td>Theatre 10, 10H, 11A, 11B, 11C, 12, 14A, 14B, 14C, 15</td>
<td>Women and Gender Studies 2 (F13*), 4A (F13*)</td>
</tr>
</tbody>
</table>

#### AREA 4 – SOCIAL AND BEHAVIORAL SCIENCES

3 courses required - 9 semester or 12-15 quarter units: The 3 courses are required from at least two different disciplines.

<table>
<thead>
<tr>
<th>Area 4A</th>
<th>4B</th>
<th>4C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology 2, 3, 3H, 4, 55</td>
<td>History 4A (F13*), 4B (F13*), 5A (F13*), 5B (F13*), 12 (F13*), 14 (F13*), 17A (F13*), 17B (F13*), 20 (F13*), 34 (F13*)</td>
<td></td>
</tr>
<tr>
<td>Child Studies 2, 5</td>
<td>Political Science 1, 1H, 2, 2H, 3H, 4</td>
<td></td>
</tr>
<tr>
<td>Communication Studies 12</td>
<td>Psychology 1, 2, 12, 17, 25</td>
<td></td>
</tr>
<tr>
<td>Counseling 50 (F12*)</td>
<td>Sociology 1, 2, 3, 20, 28, 40, 45</td>
<td></td>
</tr>
<tr>
<td>Economics 1A, 1AH, 1B, 1B(H), 2A (with Econ1A), 2B (with Econ 1B)</td>
<td>Women and Gender Studies 1 (F13*), 2 (F13*), 3 (F13*), 4A (F13*)</td>
<td></td>
</tr>
<tr>
<td>Geography 2, 6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Education 8, 10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### AREA 5 – PHYSICAL AND BIOLOGICAL SCIENCES

2 courses required - 7-9 semester or 9-12 quarter units: One course from Physical Sciences (5A) & one course from Biological Sciences (5B). At least one course must include a laboratory (indicated by “L” in parentheses).

<table>
<thead>
<tr>
<th>Area 5A</th>
<th>5B - Biological Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astronomy 2(U), 10, 11, 14, 20(U), 21(U), 21H(L), 21H(U), 21H(U), 22</td>
<td>Anthropology 1</td>
</tr>
<tr>
<td>Chemistry 1A(L), 1B(L), 2A(L), 12A(L), 12B(L), 30A(L), 30B(L)</td>
<td>Biology 2, 10, 10H(L), 11L(L), 11H(L), 12(L), 18(L), 22(L), 24, 26, 36, 37, 41(L), 42(L), 43(L), 45(L), 47(L), 48(L), 55 (F15*), 58 (F15*)</td>
</tr>
<tr>
<td>Geography 1</td>
<td>Psychology 2(L), 2H(L), 7</td>
</tr>
<tr>
<td>Geology 1A(L), 1AH(L), 1B, 15</td>
<td></td>
</tr>
<tr>
<td>Oceanography 10(L)</td>
<td></td>
</tr>
<tr>
<td>Physics 1, 2(U), 2B(L), 4A(L), 4B(L), 4C(L), 10(L), 4D (F15*)</td>
<td></td>
</tr>
</tbody>
</table>

**L**

#### LANGUAGE OTHER THAN ENGLISH

6 - Proficiency equivalent to two years of high school study in the same language with a grade “C-” or better, or complete a course below or a higher level foreign language course. If completed in high school, submit official transcripts to Admissions and Records.

<table>
<thead>
<tr>
<th>Language</th>
<th>Proficiency Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arabic 1A</td>
<td>Italian 1A, 1B, 2A, 2B</td>
</tr>
<tr>
<td>French 1A, 1B, 2A, 2B</td>
<td>Japanese 1A, 1B, 2A, 2B</td>
</tr>
<tr>
<td>German 1A, 1B, 2A, 2B</td>
<td>Portuguese 1A, 1B</td>
</tr>
</tbody>
</table>

**6**

Requirements are subject to change. Visit [WWW.ASSIST.ORG](http://WWW.ASSIST.ORG) for a complete listing of courses approved for EACH academic year.

*Represents year that course was approved.*

Articulation Office 04/2017
# 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 signal 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 www assistir.org to confirm how each college's course will be accepted at a particular four-year college or university for transfer credit.

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 ASSIST database at www.assist.org 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 April, 2017. For a regularly updated list, please go to Assist.com, select West Valley College and click on the "C-ID Designators at West Valley College" link. This list will be updated regularly as courses receive approval for C-ID designation.

<table>
<thead>
<tr>
<th>C-ID Number</th>
<th>WVC Course Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS 110</td>
<td>ART-31A</td>
</tr>
<tr>
<td>ARTS 200</td>
<td>ART-35A</td>
</tr>
<tr>
<td>ARTS 205</td>
<td>ART-31B</td>
</tr>
<tr>
<td>ARTS 210</td>
<td>ART-49A</td>
</tr>
<tr>
<td>ARTS 270</td>
<td>ART-30X</td>
</tr>
<tr>
<td>BIOL 110B</td>
<td>BIO-47</td>
</tr>
<tr>
<td>BIOL 120B</td>
<td>BIO-48</td>
</tr>
<tr>
<td>BIOL 140</td>
<td>BIO-40</td>
</tr>
<tr>
<td>BIOL 150</td>
<td>BIO-41</td>
</tr>
<tr>
<td>BIOL 165</td>
<td>BIO-42</td>
</tr>
<tr>
<td>BIOL 190</td>
<td>BIO-43</td>
</tr>
<tr>
<td>BUS 110</td>
<td>BUS-51</td>
</tr>
<tr>
<td>BUS 115</td>
<td>BUS-78</td>
</tr>
<tr>
<td>BUS 125</td>
<td>BUS-28</td>
</tr>
<tr>
<td>BUS 140</td>
<td>CIS-2</td>
</tr>
<tr>
<td>CDEV 100</td>
<td>CHS-2</td>
</tr>
<tr>
<td>CDEV 110</td>
<td>CHS-63</td>
</tr>
<tr>
<td>CHEM 100</td>
<td>CHEM-1A</td>
</tr>
<tr>
<td>CHEM 120S</td>
<td>CHEM-1A, CHEM-1B</td>
</tr>
<tr>
<td>COMM 110</td>
<td>COMM-1</td>
</tr>
<tr>
<td>COMM 120</td>
<td>COMM-20</td>
</tr>
<tr>
<td>COMM 130</td>
<td>COMM-8</td>
</tr>
<tr>
<td>COMM 140</td>
<td>COMM-4</td>
</tr>
<tr>
<td>COMM 150</td>
<td>COMM-12</td>
</tr>
<tr>
<td>COMM 190</td>
<td>COMM-10</td>
</tr>
<tr>
<td>COMP 122</td>
<td>CIS-4A</td>
</tr>
<tr>
<td>COMP 122</td>
<td>CIS-4A1</td>
</tr>
<tr>
<td>COMP 132</td>
<td>CIS-4B</td>
</tr>
<tr>
<td>COMP 132</td>
<td>CIS-4B1</td>
</tr>
<tr>
<td>ECE 120</td>
<td>CHS-1</td>
</tr>
<tr>
<td>ECE 130</td>
<td>CHS-80</td>
</tr>
<tr>
<td>ECE 200</td>
<td>CHS-87</td>
</tr>
<tr>
<td>ECE 210</td>
<td>CHS-35</td>
</tr>
<tr>
<td>ECE 220</td>
<td>CHS-66</td>
</tr>
<tr>
<td>ECE 230</td>
<td>CHS-5</td>
</tr>
<tr>
<td>ECON 201</td>
<td>ECON-1B, ECON-2B</td>
</tr>
<tr>
<td>ECON 202</td>
<td>ECON-1B, ECON-2B</td>
</tr>
<tr>
<td>ECON 202</td>
<td>ECON-1A, ECON-2A</td>
</tr>
<tr>
<td>ENGL 100</td>
<td>ENGLISH-1A</td>
</tr>
<tr>
<td>ENGL 105</td>
<td>ENGL-1C</td>
</tr>
<tr>
<td>ENGL 105</td>
<td>ENGL-1CH</td>
</tr>
<tr>
<td>ENGL 120</td>
<td>ENGL-1B</td>
</tr>
<tr>
<td>ENGL 130</td>
<td>ENGL-7A</td>
</tr>
<tr>
<td>ENGL 135</td>
<td>ENGL-7B</td>
</tr>
<tr>
<td>ENGL 140</td>
<td>ENGL-6A</td>
</tr>
<tr>
<td>ENGL 140</td>
<td>ENGL-6AH</td>
</tr>
<tr>
<td>ENGL 145</td>
<td>ENGL-6B</td>
</tr>
<tr>
<td>ENGL 145</td>
<td>ENGL-6BH</td>
</tr>
<tr>
<td>ENGL 145</td>
<td>ENGL-6BH</td>
</tr>
<tr>
<td>ENGL 160</td>
<td>ENGL-5A</td>
</tr>
<tr>
<td>ENGL 165</td>
<td>ENGL-5B</td>
</tr>
<tr>
<td>ENGL 180</td>
<td>ENGL-10</td>
</tr>
<tr>
<td>ENGL 200</td>
<td>ENGL-70</td>
</tr>
<tr>
<td>GEOG 110</td>
<td>GEOG-1</td>
</tr>
<tr>
<td>GEOG 120</td>
<td>GEOG-2</td>
</tr>
<tr>
<td>GEOG 125</td>
<td>GEOG-6</td>
</tr>
<tr>
<td>GEOG 130</td>
<td>PSY-20</td>
</tr>
<tr>
<td>GEOL 101</td>
<td>GEOL-1A</td>
</tr>
<tr>
<td>GEOL 101</td>
<td>GEOL-1B</td>
</tr>
<tr>
<td>GEOL 110</td>
<td>GEOL-2B</td>
</tr>
<tr>
<td>GEOL 110L</td>
<td>GEOL-12</td>
</tr>
<tr>
<td>GEOL 121</td>
<td>GEOL-15</td>
</tr>
<tr>
<td>GEOL 200</td>
<td>HIST-17A</td>
</tr>
<tr>
<td>HIST 140</td>
<td>HIST-17B</td>
</tr>
<tr>
<td>HIST 140</td>
<td>HIST-17BH</td>
</tr>
<tr>
<td>HIST 150</td>
<td>HIST-5A</td>
</tr>
<tr>
<td>HIST 160</td>
<td>HIST-5B</td>
</tr>
<tr>
<td>HIST 170</td>
<td>HIST-4A</td>
</tr>
<tr>
<td>HIST 180</td>
<td>HIST-4B</td>
</tr>
<tr>
<td>KIN 100</td>
<td>KIN-30</td>
</tr>
<tr>
<td>MATH 110</td>
<td>MATH-10</td>
</tr>
<tr>
<td>MATH 110</td>
<td>MATH-10H</td>
</tr>
<tr>
<td>MATH 120</td>
<td>MATH-014</td>
</tr>
<tr>
<td>MATH 130</td>
<td>MATH-8</td>
</tr>
<tr>
<td>MATH 140</td>
<td>MATH-12</td>
</tr>
<tr>
<td>MATH 160</td>
<td>MATH-19</td>
</tr>
<tr>
<td>MATH 210</td>
<td>MATH-3A</td>
</tr>
<tr>
<td>MATH 220</td>
<td>MATH-3B</td>
</tr>
<tr>
<td>MATH 230</td>
<td>MATH-4A</td>
</tr>
<tr>
<td>MATH 240</td>
<td>MATH-4B</td>
</tr>
<tr>
<td>MATH 250</td>
<td>MATH-4C</td>
</tr>
<tr>
<td>MATH 851</td>
<td>MATH-D</td>
</tr>
<tr>
<td>MATH 955</td>
<td>MATH-2</td>
</tr>
<tr>
<td>MUS 100</td>
<td>MUSIC-10</td>
</tr>
<tr>
<td>MUS 120</td>
<td>MUSIC-3A</td>
</tr>
<tr>
<td>MUS 125</td>
<td>MUSIC-20A</td>
</tr>
<tr>
<td>MUS 130</td>
<td>MUSIC-3B</td>
</tr>
<tr>
<td>MUS 140</td>
<td>MUSIC-4A</td>
</tr>
<tr>
<td>MUS 145</td>
<td>MUSIC-4A</td>
</tr>
<tr>
<td>MUS 150</td>
<td>MUSIC-4B</td>
</tr>
<tr>
<td>MUS 155</td>
<td>MUSIC-39</td>
</tr>
<tr>
<td>MUS 180</td>
<td>MUSIC-42</td>
</tr>
<tr>
<td>MUS 180</td>
<td>MUSIC-48A</td>
</tr>
<tr>
<td>NUTR 110</td>
<td>NS-15</td>
</tr>
<tr>
<td>PHIL 100</td>
<td>PHI-1</td>
</tr>
<tr>
<td>PHIL 110</td>
<td>PHI-2</td>
</tr>
<tr>
<td>PHYS 105</td>
<td>PHYS-2A</td>
</tr>
<tr>
<td>PHYS 110</td>
<td>PHYS-2B</td>
</tr>
<tr>
<td>PHYS 205</td>
<td>PHYS-4A</td>
</tr>
<tr>
<td>PHYS 210</td>
<td>PHYS-4B</td>
</tr>
<tr>
<td>PHYS 215</td>
<td>PHYS-4C</td>
</tr>
<tr>
<td>POLS 110</td>
<td>POLIT-1</td>
</tr>
<tr>
<td>POLS 110</td>
<td>POLIT-1H</td>
</tr>
<tr>
<td>POLS 130</td>
<td>POLIT-2</td>
</tr>
<tr>
<td>POLS 140</td>
<td>POLIT-4</td>
</tr>
<tr>
<td>POLS 150</td>
<td>POLIT-3</td>
</tr>
<tr>
<td>POLS 150</td>
<td>POLIT-3H</td>
</tr>
<tr>
<td>PSI 110</td>
<td>PSYCH-1</td>
</tr>
<tr>
<td>PSI 120</td>
<td>PSYCH-25</td>
</tr>
<tr>
<td>PSI 130</td>
<td>SOC-45</td>
</tr>
<tr>
<td>PSI 150</td>
<td>PSYCH-7</td>
</tr>
<tr>
<td>PSI 170</td>
<td>SOC-3</td>
</tr>
<tr>
<td>PSI 170</td>
<td>PSYCH-17</td>
</tr>
<tr>
<td>PSI 180</td>
<td>PSYCH-12</td>
</tr>
<tr>
<td>PSI 205B</td>
<td>PSYCH-2</td>
</tr>
<tr>
<td>PSI 205B</td>
<td>PSYCH-2</td>
</tr>
<tr>
<td>SOCI 110</td>
<td>SOCI-1</td>
</tr>
<tr>
<td>SOCI 115</td>
<td>SOCI-2</td>
</tr>
<tr>
<td>SOCI 130</td>
<td>SOCI-3</td>
</tr>
<tr>
<td>SOCI 140</td>
<td>SOCI-40</td>
</tr>
<tr>
<td>SOCI 150</td>
<td>SOCI-28</td>
</tr>
<tr>
<td>SPAN 100</td>
<td>SPAN-1A</td>
</tr>
<tr>
<td>SPAN 110</td>
<td>SPAN-1B</td>
</tr>
<tr>
<td>SPAN 200</td>
<td>SPAN-2A</td>
</tr>
<tr>
<td>SPAN 210</td>
<td>SPAN-2B</td>
</tr>
<tr>
<td>SPAN 220</td>
<td>SPAN-3A</td>
</tr>
<tr>
<td>SPAN 230</td>
<td>SPAN-3B</td>
</tr>
<tr>
<td>THTR 111</td>
<td>THEAR-10</td>
</tr>
<tr>
<td>THTR 114</td>
<td>THEAR-11B</td>
</tr>
<tr>
<td>THTR 114</td>
<td>THEAR-11C</td>
</tr>
<tr>
<td>THTR 151</td>
<td>THEAR-40A</td>
</tr>
<tr>
<td>THTR 152</td>
<td>THEAR-41A</td>
</tr>
<tr>
<td>THTR 171</td>
<td>THEAR-45B</td>
</tr>
<tr>
<td>THTR 172</td>
<td>THEAR-18A</td>
</tr>
<tr>
<td>THTR 173</td>
<td>THEAR-18A</td>
</tr>
<tr>
<td>THTR 174</td>
<td>THEAR-47A</td>
</tr>
<tr>
<td>THTR 175</td>
<td>THEAR-44A</td>
</tr>
<tr>
<td>THTR 181</td>
<td>THEAR-70</td>
</tr>
<tr>
<td>THTR 189</td>
<td>THEAR-70B</td>
</tr>
<tr>
<td>THTR 191</td>
<td>THEAR-70C</td>
</tr>
<tr>
<td>THTR 192</td>
<td>THEAR-21C</td>
</tr>
</tbody>
</table>
**Associate Degree for Transfer**

California Community Colleges are now offering associate degrees for transfer to the CSU. These degrees may include Associate in Arts (AA-T) or Associate in Science (AS-T) degrees. These degrees are designed to provide a clear pathway to a CSU major and baccalaureate degree. California Community College students who are awarded an AA-T or AS-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses.

Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units. To view the most current list of West Valley College Associate Degrees for Transfer, please go to http://westvalley.edu/services/academic-success/transfercenter/degree-for-transfer.html. Current and prospective community college students are encouraged to meet with a counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs. For further information, make an appointment with a counselor at (408) 741-2009.

**Associate in Science in Administration of Justice for Transfer Degree (A.S.-T in Administration of Justice)**

The Associate in Science in Administration of Justice for Transfer degree (A.S.-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 completing the Associate in Science in Administration of Justice for Transfer degree (A.S.-T in Administration of Justice) will be able to describe the individual functions and integrations of the components of the criminal justice system: police, courts, and corrections; demonstrate skills and knowledge that allow them to successfully complete academic work at a transfer institution; 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; 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; and develop, organize and write an objective report that meets the legal and detailed requirements of law enforcement agencies.

Students must complete the following ADT requirements:

- 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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

**Required Core Courses: 6 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 001</td>
<td>3</td>
</tr>
<tr>
<td>AJ 002</td>
<td>3</td>
</tr>
</tbody>
</table>

**List A Two courses: 6 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 004 Legal Aspects of Evidence</td>
<td>3</td>
</tr>
<tr>
<td>AJ 005 Criminal Investigation</td>
<td>3</td>
</tr>
<tr>
<td>AJ 008 Juvenile Procedures</td>
<td>3</td>
</tr>
<tr>
<td>AJ 021 Community Relations</td>
<td>3</td>
</tr>
<tr>
<td>AJ 041 Introduction to Forensics</td>
<td>3</td>
</tr>
<tr>
<td>AJ 100G Introduction to Corrections</td>
<td>3</td>
</tr>
</tbody>
</table>

**List B Two courses: minimum of 6 units**

Select any course from List A not already used.

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 010 Elementary Statistics OR</td>
<td></td>
</tr>
<tr>
<td>PSYCH 001 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>AJ 014 Alcohol, Narcotics and Drug Abuse</td>
<td>3</td>
</tr>
<tr>
<td>AJ 015 Sexual Assault Investigation</td>
<td>3</td>
</tr>
<tr>
<td>AJ 023 Police Report Writing</td>
<td>3</td>
</tr>
<tr>
<td>AJ 026 Organized Crime</td>
<td>3</td>
</tr>
<tr>
<td>AJ 032 Motorcycle, Prison and Street Gangs</td>
<td>3</td>
</tr>
<tr>
<td>AJ 033 Introduction to Probation and Parole</td>
<td></td>
</tr>
<tr>
<td>AJ 034 Career Planning in Criminal Justice</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units 18-19**

**GE Units (CSU GE or IGETC) 37-39**

**Total Degree Units 60**

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60.

For crosswalk of new subject codes, see page 39

**Associate in Arts in Anthropology for Transfer Degree (A.A.-T in Anthropology)**

The Associate in Arts in Anthropology for Transfer Degree (A.A.-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 who complete this program will be able to apply scientific methodologies, including descriptive, quantitative, or qualitative; and demonstrate a holistic perspective on cultural, environmental, and/or biological systems that addresses cultural values, change, and interactions.

Students must complete the following ADT 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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

**Required Core Courses: 9 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 003 Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
</tbody>
</table>
| OR
| ANTH 003H Honors Introduction to Cultural Anthropology | 3 |
| OR
| ANTH 001 Introduction to Physical Anthropology | 3 |
| OR
| ANTH 002 Introduction to Archaeology | 3 |
| OR
| BIO 010 Introduction to Biology | 3 |
| AND
| BIO 010L Introduction to Biology Lab | 1 |
| MATH 010 Elementary Statistics | 4 |
| OR
| MATH 010H Honors Elementary Statistics | 4 |
| OR
| GEOG 020 Intro Cultural Geography | 3 |

**Total Major Units 20**

**GE Units (CSU GE or IGETC) 37-39**

**Total Degree Units 60**

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60.

Special transfer pathway to University of Hawaii at Manoa, see page 8.

For crosswalk of new subject codes, see page 39
Associate in Arts in Art History for Transfer Degree (A.A.-T in Art History)
The Associate in Arts in Art History for Transfer degree (AA-T in Art History) is a 60-unit program which provides lower division education to students planning to transfer to a CSU in pursuit of a baccalaureate degree in Art History or Art with an emphasis in Art History. Students completing the Associate in Arts in Art History for Transfer degree (AA-T in Art History) will be able to attribute artworks to artist, culture, country and/ or style, give rationale for attribution, respond to artworks on both intellectual and emotional levels, and analyze iconography.

Students must complete the following ADT 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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements, or cultural diversity requirements found in other degrees at the college.

Required Core Courses: 9 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 001A Survey of Western Art I</td>
<td>3</td>
</tr>
<tr>
<td>ART 001B Survey of Western Art II</td>
<td>3</td>
</tr>
<tr>
<td>ART 031A Beginning Drawing</td>
<td>3</td>
</tr>
</tbody>
</table>

List A (select one): 3 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 007 The Art of Asia</td>
<td>3</td>
</tr>
<tr>
<td>ART 012A Art of Pre-Hispanic Mexico</td>
<td>3</td>
</tr>
<tr>
<td>ART 012B Art of Colonial and Modern Mexico</td>
<td>3</td>
</tr>
<tr>
<td>ART 001J Survey of Non-Western Art: Africa, Oceania, and Indigenous North America</td>
<td>3</td>
</tr>
</tbody>
</table>

List B (select one): 3 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 033A Two-Dimensional Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 033C Color Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 035A Beginning Life Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 055 Introduction to Computer Arts</td>
<td>3</td>
</tr>
<tr>
<td>ART 081 3-Dimensional Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 062A Basic Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 031B Expressive Drawing</td>
<td>3</td>
</tr>
</tbody>
</table>

List C (select one): 3 units (including any course from List A or B not already used)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 001D Survey of Modern Art</td>
<td>3</td>
</tr>
<tr>
<td>ART 001E Design in Society</td>
<td>3</td>
</tr>
<tr>
<td>ART 001G History of Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 010 American Art: A Multicultural Approach</td>
<td>3</td>
</tr>
<tr>
<td>ART 013 African-American Art History</td>
<td>3</td>
</tr>
<tr>
<td>ART 014 Women in Art History</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units: 18 units

GE Units (CSU GE or IGETC): 37-39

Total Degree Units: 60 units

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60.

For crosswalk of new subject codes, see page 39

Associate in Science in Business Administration for Transfer Degree (A.S.-T in Business Administration)
The Associate in Science in Business Administration for Transfer Degree (AS-T in Business Administration) is a 60-unit program which provides students the lower division course work required for transfer to a CSU institution with a similar major in Business Administration. Students completing the Associate in Science in Business Administration for Transfer Degree (AS-T in Business Administration) will be able to apply generally accepted accounting theories and procedures to corporate, financial and managerial budgeting; utilize current software to perform various accounting functions; apply business theories and practices to researching and critically analyzing contemporary business issues; develop and prepare professional team-based projects and business presentation; analyze economic models as they apply to market economies and specific project and factor markets; solve problems using appropriate mathematical symbols, operations, and techniques; apply knowledge of legal principles to facilitate resolution of business problems; and speak and write effectively in business and workplace settings.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements, or cultural diversity requirements found in other degrees at the College.

Required Core Courses: 19 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 010 Accounting Fundamentals - Financial</td>
<td>5</td>
</tr>
<tr>
<td>ACCT 011 Managerial Accounting</td>
<td>5</td>
</tr>
<tr>
<td>ECON 001A Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001B Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>BUS 028 Business Law</td>
<td>3</td>
</tr>
</tbody>
</table>

List A: Choose one course

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 008 Finite Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 010 Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 012 Applied Calculus</td>
<td>4</td>
</tr>
</tbody>
</table>

List B: Choose any courses (may choose any course from list A not already used in addition to those listed below)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 002 Introduction to Computing</td>
<td>4</td>
</tr>
<tr>
<td>BUS 051 Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 078 Business Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units: 29-30 units

GE Units (CSU GE or IGETC): 37-39

Total Degree Units: 60 units

For crosswalk of new subject codes, see page 39

Associate in Arts in Communication Studies for Transfer Degree (A.A.-T in Communication Studies)
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 who complete the Associate in Arts in Communication Studies for Transfer degree (AA-T in Communication Studies) will be able to identify and explain concepts and theories of human communication, demonstrate effective communication skills in a variety of settings, and report an increased in communication competency.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements, or cultural diversity requirements found in other degrees at the College.

After completing an A.A.-T in Communication Studies, a student will be able to:

- Identify and explain concepts/theories of communication.
- Demonstrate effective communication skills in a variety of settings.
- Demonstrate increased confidence in communication interactions.

Required Core Courses: 3 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 001 Public Speaking</td>
<td>3</td>
</tr>
</tbody>
</table>

List A Any two of the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 004 Small Group Discussion</td>
<td>3</td>
</tr>
<tr>
<td>COMM 008 Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMM 020 Argumentation and Debate</td>
<td>3</td>
</tr>
</tbody>
</table>

List B Any two of the following or any course not used from List A

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 010H Honors Persuasive Speaking</td>
<td>3</td>
</tr>
</tbody>
</table>

List C Any of the following or any course not already used above

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 003 Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ANTHR 003H Honors Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>SOC 001 Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units: 18 units

GE Units (CSU GE or IGETC): 37-39

Total Degree Units: 60 units

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60.

For crosswalk of new subject codes, see page 39
Associate in Science in Early Childhood Education for Transfer Degree (A.S.-T in Early Childhood Education)

The Associate in Science in Early Childhood Education for Transfer degree (AS-T in Early Childhood Education) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Child Development. 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:

- 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.
- attainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

After completing an A.S.-T in Early Childhood Education, 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.
- Design, implement, and evaluate environments and activities that support positive, developmental play and learning outcomes for all 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.

Required Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHS 001</td>
<td></td>
</tr>
<tr>
<td>CHS 002</td>
<td></td>
</tr>
<tr>
<td>CHS 005</td>
<td></td>
</tr>
<tr>
<td>CHS 035</td>
<td></td>
</tr>
<tr>
<td>CHS 063</td>
<td></td>
</tr>
<tr>
<td>CHS 066</td>
<td></td>
</tr>
<tr>
<td>CHS 080</td>
<td></td>
</tr>
<tr>
<td>CHS 087</td>
<td></td>
</tr>
<tr>
<td>Total Major Units</td>
<td>24</td>
</tr>
</tbody>
</table>

GE Units (CSU GE or IGETC) 37-39

Total Degree Units 60

For crosswalk of new subject codes, see page 39

Associate in Arts in Economics for Transfer Degree (AA-T in Economics)

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 who complete the Associate in Arts in Economics for Transfer degree (AA-T in Economics) will be able to explain how individuals and firms make choices under scarcity; describe the major players and institutions that facilitate the market economy; and analyze economic models as they apply to market economies and specific product and factor markets.

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;
- attainment of a minimum grade point average (GPA) of 2.0;
- earn a grade of C or better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses: 15-16 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 001A</td>
<td></td>
</tr>
<tr>
<td>ECON 001AH</td>
<td></td>
</tr>
<tr>
<td>ECON 002A</td>
<td></td>
</tr>
<tr>
<td>ECON 001B</td>
<td></td>
</tr>
<tr>
<td>ECON 002AH</td>
<td></td>
</tr>
<tr>
<td>ECON 001BH</td>
<td></td>
</tr>
<tr>
<td>ECON 002BH</td>
<td></td>
</tr>
<tr>
<td>MATH 010</td>
<td></td>
</tr>
<tr>
<td>MATH 010H</td>
<td></td>
</tr>
<tr>
<td>MATH 012</td>
<td></td>
</tr>
<tr>
<td>MATH 003A</td>
<td></td>
</tr>
<tr>
<td>List A: Select one (3-5 units)</td>
<td></td>
</tr>
<tr>
<td>MATH 008</td>
<td></td>
</tr>
<tr>
<td>MATH 003B</td>
<td></td>
</tr>
<tr>
<td>ACCT 010</td>
<td></td>
</tr>
<tr>
<td>ACCT 011</td>
<td></td>
</tr>
<tr>
<td>CIS 002</td>
<td></td>
</tr>
<tr>
<td>BUS 078</td>
<td></td>
</tr>
<tr>
<td>List B: Select one (3-5 units)</td>
<td></td>
</tr>
<tr>
<td>Any List A course not already used</td>
<td></td>
</tr>
<tr>
<td>MATH 004A</td>
<td></td>
</tr>
<tr>
<td>MATH 004C</td>
<td></td>
</tr>
</tbody>
</table>

GE Units (CSU GE or IGETC) 37-39

Total Degree Units 60

Special transfer pathway to University of Hawaii at Manoa, see page 8.

For crosswalk of new subject codes, see page 39

Total Degree Units 60
Associate in Arts in Elementary Teacher Education for Transfer Degree (A.A.-T in Elementary Teacher Education)

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 who complete the Associate in Arts in Elementary Teacher Education for Transfer degree (AA-T in Elementary Teacher Education) will be able to demonstrate knowledge in child development theories, apply developmentally appropriate elementary education practices, develop curriculum appropriate for school-age children, and utilize professional skills appropriate for teaching at the elementary school level. 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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

After completing an A.A.-T in Elementary Teacher Education, a student will be able to:

- Utilize child development theories to design developmentally appropriate curriculum for school-age children.
- Demonstrate professional skills with children, families, and colleagues in the elementary school setting.

Required Core Courses: 46 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHS 002</td>
<td>Child Growth and Development 3</td>
</tr>
<tr>
<td>ELED 020</td>
<td>Introduction to Elementary Teaching 2</td>
</tr>
<tr>
<td>ELED 020A</td>
<td>Field Experience in Elementary Teaching 1</td>
</tr>
<tr>
<td>BIO 010</td>
<td>Introduction to Biology 3</td>
</tr>
<tr>
<td>BIO 010L</td>
<td>Introduction to Biology Lab 1</td>
</tr>
<tr>
<td>CHEM 002</td>
<td>Introductory Chemistry 4</td>
</tr>
<tr>
<td>PHYS 010</td>
<td>Conceptual Introduction to Physics 4</td>
</tr>
<tr>
<td>GEOL 012</td>
<td>Earth Science with Lab 4</td>
</tr>
<tr>
<td>MATH 014</td>
<td>Math for Elementary School Teachers 3</td>
</tr>
<tr>
<td>COMM 001</td>
<td>Public Speaking 3</td>
</tr>
<tr>
<td>ENGL 001A</td>
<td>English Composition 3</td>
</tr>
<tr>
<td>ENGL 001B</td>
<td>Critical Thinking Through Literature 3</td>
</tr>
<tr>
<td>GEOG 006</td>
<td>World Regional Geography 3</td>
</tr>
<tr>
<td>HIST 005A</td>
<td>World History: Prehistory to 1500 3</td>
</tr>
<tr>
<td>HIST 017A</td>
<td>United States History 3</td>
</tr>
<tr>
<td>POLIT 001</td>
<td>American Government 3</td>
</tr>
</tbody>
</table>

List A: Select one course (3 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 001C</td>
<td>Critical Thinking and Writing 3</td>
</tr>
<tr>
<td>PHIL 003</td>
<td>Introduction to Ethics 3</td>
</tr>
<tr>
<td>PHIL 017</td>
<td>Logic &amp; Critical Reasoning 3</td>
</tr>
</tbody>
</table>

List B: Select one course (3 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 001A</td>
<td>Survey of Western Art I 3</td>
</tr>
<tr>
<td>ART 004</td>
<td>Art Appreciation 3</td>
</tr>
<tr>
<td>MUSIC 010</td>
<td>Music Appreciation 3</td>
</tr>
<tr>
<td>THEAR 010</td>
<td>Introduction to Theatre 3</td>
</tr>
</tbody>
</table>

Total Major Units: 52

GE Units (CSU GE or IGETC): 37-39

Total Degree Units: 60

For crosswalk of new subject codes, see page 39

Associate in Arts in English for Transfer Degree (A.A.-T in English)

The Associate in Arts in English for Transfer degree (AA-T in English) 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 English, Literature, or Creative Writing. Students completing the Associate in Arts in English for Transfer degree (AA-T) 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; and write research papers that demonstrate the effective evaluation, integration, and MLA documentation of sources.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses: Select two:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 001C</td>
<td>Critical Thinking and Writing 3</td>
</tr>
<tr>
<td>ENGL 001CH</td>
<td>Honors Critical Thinking and Writing 3</td>
</tr>
<tr>
<td>ENGL 001B</td>
<td>English Composition 3</td>
</tr>
</tbody>
</table>

List A: Select two:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 007A</td>
<td>American Literature 3</td>
</tr>
<tr>
<td>ENGL 007B</td>
<td>American Literature 3</td>
</tr>
<tr>
<td>ENGL 005A</td>
<td>Survey of English Literature 3</td>
</tr>
<tr>
<td>ENGL 005B</td>
<td>Survey of English Literature 3</td>
</tr>
<tr>
<td>ENGL 006A</td>
<td>World Literature 3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ENGL 006AH</td>
<td>Honors World Literature 3</td>
</tr>
<tr>
<td>ENGL 006B</td>
<td>World Literature 3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ENGL 006BHH</td>
<td>Honors World Literature 3</td>
</tr>
</tbody>
</table>

List B: Select one:

Any course from List A not already used

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 018</td>
<td>Asian American Literature 3</td>
</tr>
<tr>
<td>ENGL 048</td>
<td>Introduction to Shakespeare 3</td>
</tr>
<tr>
<td>ENGL 071</td>
<td>Intermediate Fiction Writing 3</td>
</tr>
<tr>
<td>ENGL 072</td>
<td>Intermediate Poetry Writing 3</td>
</tr>
<tr>
<td>ENGL 070</td>
<td>Creative Writing 3</td>
</tr>
</tbody>
</table>

List C: Select one:

Any course from List A or B not already used

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRNCH 001A</td>
<td>Beginning French 5</td>
</tr>
<tr>
<td>FRNCH 001B</td>
<td>Beginning French 5</td>
</tr>
<tr>
<td>FRNCH 002A</td>
<td>Intermediate French 5</td>
</tr>
<tr>
<td>FRNCH 002B</td>
<td>Intermediate French 5</td>
</tr>
<tr>
<td>FRNCH 003A</td>
<td>Adv French Oral and Written Composition 5</td>
</tr>
<tr>
<td>FRNCH 003B</td>
<td>Advanced French Oral and Written Composition 5</td>
</tr>
<tr>
<td>GERM 001A</td>
<td>Beginning German 5</td>
</tr>
</tbody>
</table>
Associate in Arts in Geography for Transfer Degree (A.A.-T in Geography)

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 who complete the Associate in Arts in Geography for Transfer degree (AA-T in Geography) will be able to analyze the controls, distribution, and classification of world climates; compare and contrast different types of landforms; and analyze spatially related problems related to current/recent geologic events.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses: 6 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 001</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 002</td>
<td>3</td>
</tr>
</tbody>
</table>

List A: Select 2 (6 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 006</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 020</td>
<td>3</td>
</tr>
</tbody>
</table>

List B: Select 2 (7-8 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 010</td>
<td>4</td>
</tr>
<tr>
<td>ANTH 003</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 001A</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 001AH</td>
<td>4</td>
</tr>
</tbody>
</table>

Total Major Units: 18-20

GE Units (CSU GE or IGETC): 37-39

Total Degree Units: 60

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60.

For crosswalk of new subject codes, see page 39.

Associate in Science in Geology for Transfer Degree (A.S.-T in Geology)

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 who complete the Associate in Science in Geology for Transfer degree (AS-T in Geology) will be able to 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; and demonstrate oral and written communication skills.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 001A</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>GEOL 001AH</td>
<td>4</td>
</tr>
</tbody>
</table>

Total Major Units: 28

GE Units (CSU GE or IGETC): 37-39

Total Degree Units: 60

For crosswalk of new subject codes, see page 39.
Associate in Arts in History for Transfer Degree (A.A-T in History)

The Associate in Arts in History for Transfer degree (A.A-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 who complete the Associate in Arts in History for Transfer degree (A.A-T in History) 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.

Students must complete the following requirements:

- 60 semester or 90 quarter 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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

**Required Core Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 017A</td>
<td>3</td>
</tr>
<tr>
<td>HIST 017B</td>
<td>3</td>
</tr>
<tr>
<td>HIST 017BH</td>
<td>3</td>
</tr>
</tbody>
</table>

**List A: Select two:**

- HIST 005A World History: Prehistory to 1500 CE
- HIST 004A Western Civilization I: Prehistory to 1500 CE
- HIST 005B World History From 1500 CE
- HIST 004B Western Civilization II: 1500 CE to present

**List B: Select one course from each group:**

**Group 1:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 005A</td>
<td>3</td>
</tr>
<tr>
<td>HIST 005B</td>
<td>3</td>
</tr>
<tr>
<td>HIST 020</td>
<td>3</td>
</tr>
<tr>
<td>HIST 012</td>
<td>3</td>
</tr>
<tr>
<td>HIST 014</td>
<td>3</td>
</tr>
<tr>
<td>HIST 016</td>
<td>3</td>
</tr>
<tr>
<td>HIST 003</td>
<td>3</td>
</tr>
</tbody>
</table>

**Group 2:**

Any course from List A not already used

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 003</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001A</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001AH</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001B</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001BH</td>
<td>3</td>
</tr>
<tr>
<td>HIST 003</td>
<td>3</td>
</tr>
<tr>
<td>HIST 008A</td>
<td>3</td>
</tr>
<tr>
<td>HIST 008B</td>
<td>3</td>
</tr>
<tr>
<td>HIST 034</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 001</td>
<td>3</td>
</tr>
<tr>
<td>SOC 001</td>
<td>3</td>
</tr>
<tr>
<td>WS 001</td>
<td>4</td>
</tr>
</tbody>
</table>

Total Major Units: 18-19

**GE Units (CSU GE or IGETC):** 37-39

Total Degree Units: 60

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60.

For crosswalk of new subject codes, see page 39.

Associate in Arts in Kinesiology for Transfer Degree (AA-T in Kinesiology)

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 who complete the Associate in Arts in Kinesiology for Transfer degree (AA-T in Kinesiology) will be able to demonstrate proficiency in human movement as it applies to sports, dance and aquatics, combatives, fitness, health and nutrition and analyze the meaning of optimal health as it applies to our nation’s population.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

**Required Core Courses: 13 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN.TH 030</td>
<td>3</td>
</tr>
<tr>
<td>BIO 047</td>
<td>5</td>
</tr>
<tr>
<td>BIO 048</td>
<td>5</td>
</tr>
</tbody>
</table>

**Required Core: Movement Based Courses: 3-5 units (minimum 3). Select a maximum of one (1) course from any three (3) of the following areas for a minimum of three units.**

**Aquatics**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 2.04</td>
<td>1</td>
</tr>
<tr>
<td>KIN 2.05</td>
<td>1</td>
</tr>
<tr>
<td>KIN 2.06</td>
<td>1</td>
</tr>
<tr>
<td>KIN 2.07</td>
<td>1</td>
</tr>
</tbody>
</table>

**Combatives**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 6.02</td>
<td>1</td>
</tr>
<tr>
<td>KIN 6.06</td>
<td>1</td>
</tr>
</tbody>
</table>

**Dance**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 3.02</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.04</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.08</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.12</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.14</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.16</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.17</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.20</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.22</td>
<td>1</td>
</tr>
</tbody>
</table>

**Fitness**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 4.03</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.16</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.24</td>
<td>1</td>
</tr>
<tr>
<td>KIN 11.01</td>
<td>1</td>
</tr>
<tr>
<td>KIN 11.08</td>
<td>1</td>
</tr>
</tbody>
</table>
**Associate in Science in Mathematics for Transfer Degree (A.S.-T in Mathematics)**

The Associate in Science in Mathematics for Transfer degree (AS-T in Mathematics) is a 60 unit program designed to transfer to a CSU institution in pursuit of a baccalaureate degree in Mathematics. Students completing the program will be able to solve problems using mathematical symbols, operations, and techniques; 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 those conclusions; formulate and test mathematical conjectures; and adapt general mathematical techniques to course-specific problems.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

**Required Core Courses: 15 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 003A Calculus and Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 003B Calculus and AnalyticalGeometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 004A Intermediate Calculus</td>
<td>5</td>
</tr>
</tbody>
</table>

**List A: Select one to two: 4-8 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 004B Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>MATH 004C Linear Algebra</td>
<td>4</td>
</tr>
</tbody>
</table>

**List B: One course if only one course was chosen from List A: 4-6 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 019 Discrete Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 010 Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 010H Honors Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 004A Engineering Physics-Mechanics</td>
<td>5</td>
</tr>
</tbody>
</table>

**Total Major Units**

23-24

**GE Units (CSU GE or IGETC)**

37-39

**Total Degree Units**

60

For crosswalk of new subject codes, see page 39

---

**Associate in Arts in Music for Transfer Degree (A.A.-T in Music)**

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. Music 42, 48A and 49 are 1 unit courses that must be repeated 4 times to meet the requirement. Music 39 is a 0.5 unit course that must be repeated 4 times to meet the requirement. Students who complete the Associate in Arts in Music for Transfer degree (AA-T in Music) 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 their performance area at a college-level; create derivative or original music in extemporaneous and/or written form; demonstrate a working knowledge of music history and performance practices within their area of specialization.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

**NOTE:** In accordance with the TMC in Music, Majors will be required to pass a Piano Proficiency examination prior to graduation which includes sight-reading a two-part grade 1 selection, and playing two stylistically contrasting pieces from Bartok’s Mikrokosmos Book II. Enrolling in MUSIC 31A/B Intermediate Piano, using available elective units, is encouraged.

**Required Core Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 003A Music Theory Level 1</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC 003B Music Theory Level 2</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 004A Music Theory Level 3</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 004B Music Theory Level 4</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 002A Musicianship Level 1</td>
<td>1</td>
</tr>
</tbody>
</table>

**List A: 2 units:** Complete a total of 2 units taken over a minimum of 4 semesters of Music 39 (Music 39 is a 0.5 unit course that must be repeated 4 times to meet the requirement):

- MUSIC 039 Applied Music | 2 |

**List B: 4 units:** Complete a total of 4 units over a minimum of 4 semesters from the following list (4 semesters, 1 unit each - Music 42, 48A and 49 are 1 unit courses that must be repeated 4 times to meet the requirement):

- MUSIC 042 College Chorale | 4 |
- MUSIC 048A Symphony Orchestra | 4 |
- MUSIC 049 Symphonic Band | 4 |

**Total Major Units**

22

**GE Units (CSU GE or IGETC)**

37-39

**Total Degree Units**

60

For crosswalk of new subject codes, see page 39

---

**Individual Sports**

| KIN 7.02 | Badminton – Beginning | 1 |
| KIN 7.03 | Badminton – Intermediate | 1 |
| KIN 7.10 | Golf – Beginning | 1 |
| KIN 7.11 | Golf – Intermediate | 1 |
| KIN 7.12 | Golf – Advanced | 1 |
| KIN 7.18 | Beginning Tennis | 1 |
| KIN 7.20 | Intermediate Tennis | 1 |
| KIN 7.21 | Advanced Tennis | 1 |
| KIN 7.23 | Scuba Diving | 2 |

**Team Sports**

| KIN 8.03 | Baseball – Advanced | 1 |
| KIN 8.08 | Soccer – Beginning, Men | 1 |
| KIN 8.09 | Soccer – Advanced, Men | 2 |
| KIN 8.10 | Soccer, Women | 1 |
| KIN 8.12 | Softball – Beginning | 1 |
| KIN 8.13 | Softball – Intermediate | 1 |
| KIN 8.15 | Volleyball – Beginning Skills | 1 |
| KIN 8.16 | Volleyball – Intermediate Skills | 1 |
| KIN 8.17 | Volleyball – Advanced Skills | 1 |

**List A (select two): 8-10 units**

- MATH 010 Elementary Statistics | 4 |
- MATH 010H Honors Elementary Statistics | 4 |
- CHEM 030A Fundamentals of Chemistry | 4 |
- CHEM 001A General Chemistry | 5 |
- PHYS 002A General Physics – Mechanics | 5 |
- PHYS 004A Engineering Physics – Mechanics | 5 |

**Total Units**

24-28

**GE Units (CSU GE or IGETC)**

37-39

**Total Degree Units**

60

For crosswalk of new subject codes, see page 39
Associate in Science in Nutrition and Dietetics for Transfer Degree (A.S.-T in Nutrition and Dietetics)

The Associate in Science in Nutrition and Dietetics for Transfer degree (A.S.-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 degree (A.S.-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.

Students must complete the following requirements:
- earn a grade of C or better in all courses
- obtainment of a minimum grade point average (GPA) of 2.0;
- 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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

After completing an A.S.-T in Nutrition and Dietetics, a student will be able to:
- Identify the role of nutrients and healthy food preparations for optimal health and well-being.
- Select appropriate foods for a healthy diet and disease risk reduction.
- Clearly communicate nutrition concepts in oral and written formats.
- Use critical thinking to analyze and interpret information from various media sources and draw scientifically-based conclusions.

**Required Core Courses: 21 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS 015</td>
<td>Human Nutrition</td>
</tr>
<tr>
<td>PSYCH 001</td>
<td>General Psychology</td>
</tr>
<tr>
<td>CHEM 001A</td>
<td>General Chemistry</td>
</tr>
<tr>
<td>CHEM 001B</td>
<td>General Chemistry</td>
</tr>
<tr>
<td>BIO 045</td>
<td>Microbiology</td>
</tr>
</tbody>
</table>

**List A: Select a Minimum of One Course**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 012A</td>
<td>Organic Chemistry</td>
</tr>
<tr>
<td>BIO 047</td>
<td>Human Anatomy</td>
</tr>
<tr>
<td>BIO 048</td>
<td>Human Physiology</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>MATH 010H</td>
<td>Honor Elementary Statistics</td>
</tr>
</tbody>
</table>

**List B: Select One Course**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 011</td>
<td>Human Biology</td>
</tr>
<tr>
<td>BIO 011H</td>
<td>Honors Human Biology</td>
</tr>
<tr>
<td>BIO 041</td>
<td>Principles of Animal Biology</td>
</tr>
<tr>
<td>BIO 042</td>
<td>Principles of Plant Biology</td>
</tr>
<tr>
<td>BIO 043</td>
<td>Principles of Cell Biology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 001A</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 001AH</td>
<td>Honors Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 001B</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>ECON 001BH</td>
<td>Honors Principles of Microeconomics</td>
</tr>
<tr>
<td>MATH 001</td>
<td>Pre-Calculus Algebra</td>
</tr>
<tr>
<td>MATH 002</td>
<td>Pre-Calculus Algebra and Trigonometry</td>
</tr>
<tr>
<td>PHYS 002A</td>
<td>General Physics -- Mechanics</td>
</tr>
<tr>
<td>PHYS 002B</td>
<td>General Physics -- Electricity and Magnetism</td>
</tr>
<tr>
<td>SOC 001</td>
<td>Introduction to Sociology</td>
</tr>
</tbody>
</table>

**Total Major Units** 28-32

**GE Units (CSU GE or IGETC)** 37-39

**Total Degree Units** 60

For crosswalk of new subject codes, see page 39

**Associate in Arts in Philosophy for Transfer Degree (A.A.-T in Philosophy)**

The Associate in Arts in Philosophy for Transfer degree (A.A.-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 who complete the Associate in Arts in Philosophy for Transfer degree (A.A.-T in Philosophy) will be able to demonstrate clarity and rigor of thought and expression; evaluate reasoning in order to develop precise and persuasive arguments and resistance to incorrect arguments; apply philosophy’s analytical approach to people’s most basic assumptions about the world and human experience; analyze the vitality and relevance of classical philosophical debates to contemporary life; and identify and describe characteristics of diverse multicultural traditions.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

**Required Core Courses: Select two:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 002</td>
<td>Introduction to Logic</td>
</tr>
<tr>
<td>PHIL 001</td>
<td>Introduction to Philosophy</td>
</tr>
<tr>
<td>PHIL 003</td>
<td>Introduction to Ethics</td>
</tr>
</tbody>
</table>

**List A: Select one:**

Any course from Required Core not already used

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 017</td>
<td>Logic &amp; Critical Reasoning</td>
</tr>
<tr>
<td>PHIL 022</td>
<td>Philosophy of Religion</td>
</tr>
</tbody>
</table>

**List B: Select two:**

Any course from List A not already used

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 004A</td>
<td>Western Civilization I: Prehistory to 1500 CE</td>
</tr>
<tr>
<td>HIST 004B</td>
<td>Western Civilization II: 1500 CE to Present</td>
</tr>
</tbody>
</table>

**List C: Select one:**

Any course from List A or B not already used

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 005</td>
<td>Introduction to Social and Political Philosophy</td>
</tr>
</tbody>
</table>

**Total Major Units** 18

**GE Units (CSU GE or IGETC)** 37-39

**Total Degree Units** 60

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60

For crosswalk of new subject codes, see page 39

---

**List A: Select One Course**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 002</td>
<td>Introduction to Logic</td>
</tr>
<tr>
<td>PHIL 001</td>
<td>Introduction to Philosophy</td>
</tr>
<tr>
<td>PHIL 003</td>
<td>Introduction to Ethics</td>
</tr>
</tbody>
</table>

**List B: Select two:**

Any course from List A not already used

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 004A</td>
<td>Western Civilization I: Prehistory to 1500 CE</td>
</tr>
<tr>
<td>HIST 004B</td>
<td>Western Civilization II: 1500 CE to Present</td>
</tr>
</tbody>
</table>

**List C: Select one:**

Any course from List A or B not already used

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 005</td>
<td>Introduction to Social and Political Philosophy</td>
</tr>
</tbody>
</table>

**Total Major Units** 18

**GE Units (CSU GE or IGETC)** 37-39

**Total Degree Units** 60

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60

For crosswalk of new subject codes, see page 39
## Associate in Science in Physics for Transfer Degree (A.S.-T in Physics)

The Associate in Science in Physics for Transfer degree (A.S.-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 who complete the Associate in Science in Physics for Transfer degree (A.S.-T in Physics) 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 errors, 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; and 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.

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 determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

### Required Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 004A</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 004B Engineering Physics - Mechanics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 004C Engineering Physics - Light, Heat and Magnetism</td>
<td>5</td>
</tr>
<tr>
<td>MATH 003A Calculus and Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 003B Calculus and Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 004A Intermediate Calculus</td>
<td>5</td>
</tr>
</tbody>
</table>

**Total Major Units** 30  
**GE Units (CSU GE or IGETC)** 37-39  
**Total Degree Units** 60

For crosswalk of new subject codes, see page 39.

## Associate in Arts in Political Science for Transfer Degree (A.A.-T in Political Science)

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 completing the Associate in Arts in Political Science for Transfer degree (AA-T in Political Science) will be able to 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; 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; compare the U.S. political system to others in the world; and describe the political relations among nations and the transnational relations practiced by people, organizations, and institutions across national boundaries.

Students must complete the following ADT 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 determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

### Required Core Courses: 3 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLIT 001 American Government</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 001H Honors American Government</td>
<td>3</td>
</tr>
</tbody>
</table>

### List A (Select three): 9-10 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLIT 002 Comparative Governments</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 004 International Relations</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 003 Introduction to Political Science</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 003H Honors Introduction to Political Science</td>
<td>3</td>
</tr>
<tr>
<td>MATH 010 Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 010H Honors Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

### List B (Select two): 6-7 units

Any List A course not already used

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 001</td>
<td>3</td>
</tr>
<tr>
<td>ANTHR 002</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001A Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001AH Honors Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001B Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001BH Honors Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 002 Intro Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 001 General Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>
Associate in Arts in Psychology for Transfer Degree (A.A.-T in Psychology)

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 completing the program will be able to describe the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology; 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 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; specify how psychological principles are applied to real-life situations in business, industry, child rearing, and social interactions; and explain how psychosocial factors influence behavior and attitudes, and recognize the complexity of sociocultural and international diversity.

Students must complete 60 units including 20-22 units in the major, 37-39 units of Intersegmental General Education Transfer Curriculum or California State University General Education-Breadth Requirements, and additional CSU transferable units to total 60 units. Students must obtain a minimum overall grade point average of 2.0 and earn a C or better in all courses required for the major. Students are not required to complete the information competency requirements, PE requirements or one diversity requirement found in other degrees at the College.

Required Core Courses: 11 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 010 Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>PSYCH 001 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 002 Experimental Psychophysiology</td>
<td>4</td>
</tr>
<tr>
<td>PSYCH 003 Introduction to Biological Psychology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 010 Introduction to Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 010L Introduction to Biological Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIO 011 Human Biology</td>
<td>4</td>
</tr>
<tr>
<td>PSYCH 007 Physiological Psychology</td>
<td>4</td>
</tr>
<tr>
<td>BIOC 012 Human Growth and Development</td>
<td>3</td>
</tr>
</tbody>
</table>

List B: 3 or 4 units from below or from List A not already used

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 008 Psychology of Women: A Multicultural</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 017 Introduction to Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 025 Introduction to Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 030 Psychology of Addiction and Substance</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units: 20-22

GE Units (CSU GE or IGETC)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 007  The Art of Asia</td>
<td>3</td>
</tr>
<tr>
<td>ART 001J Survey of Non-Western Art: Africa, Oceania, and Indigenous North America</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 012 African-American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 016 American Literature</td>
<td>3</td>
</tr>
<tr>
<td>HIST 005B World History from 1500</td>
<td>3</td>
</tr>
<tr>
<td>HUMAN 0015 Human Values in and from the Arts</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 001 Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 001 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 001 Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>FINCH 001A Beginning French</td>
<td>5</td>
</tr>
<tr>
<td>JPN 001A Beginning Japanese</td>
<td>5</td>
</tr>
<tr>
<td>RUSS 001A Beginning Russian</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 001A Beginning Spanish</td>
<td>5</td>
</tr>
</tbody>
</table>

LIST A: Select three courses from at least two of the following areas (9 units)

Area 1: History or Government

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 012 African-American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 014 History of the Native North American</td>
<td>3</td>
</tr>
<tr>
<td>HIST 016 Mexican-American History</td>
<td>3</td>
</tr>
</tbody>
</table>

Area 2: Arts and Humanities

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 007  The Art of Asia</td>
<td>3</td>
</tr>
<tr>
<td>ART 010 American Art: A Multicultural Approach</td>
<td>3</td>
</tr>
<tr>
<td>ART 013 African-American Art History</td>
<td>3</td>
</tr>
</tbody>
</table>
Associate in Arts in Sociology for Transfer Degree (A.A.-T in Sociology)

The Associate in Arts in Sociology for Transfer is a 60 unit program which provides lower division coursework required for transfer to a CSU institution for the major in Sociology. Students completing the program will be able to 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 other perspectives within the social sciences, and contrast the merits and limitations of various social science research methodologies with emphasis on the role of sampling and surveys in sociological research.

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.
- 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 in the major or area of emphasis.
- earn a grade of C or better in all courses required for the major or area of emphasis.
- Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses: 3 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 001</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>SOC 002</td>
<td>Social Problems</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>SOC 020</td>
<td>Sociology of Race and Ethnicity</td>
</tr>
<tr>
<td>SOC 003</td>
<td>Social Psychology: A Sociological Perspective</td>
</tr>
<tr>
<td>SOC 040</td>
<td>Marriage and Family Sociology</td>
</tr>
</tbody>
</table>

List A: Required: 7 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 001</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>SOC 002</td>
<td>Social Problems</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics</td>
</tr>
</tbody>
</table>

List B Any two of the following courses: 6 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 040</td>
<td>Marriage and Family Sociology</td>
</tr>
<tr>
<td>SOC 002</td>
<td>Sociology of Race and Ethnicity</td>
</tr>
<tr>
<td>SOC 003</td>
<td>Social Psychology: A Sociological Perspective</td>
</tr>
</tbody>
</table>

List C Any 1 of the following courses or any course not used above: 3 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 045</td>
<td>Sociology of Human Sexuality</td>
</tr>
</tbody>
</table>

Total Major Units 19
GE Units (CSU GE or IGETC) 37-39
Total Degree Units 60

Associate in Arts in Spanish for Transfer Degree (A.A.-T in Spanish)

The Associate in Arts in Spanish for Transfer degree (AA-T in Spanish) is a 60 unit program which provides lower division coursework required for transfer to a CSU institution for the major in Spanish. Students who complete the Associate in Arts in Spanish for Transfer degree (AA-T in Spanish) will be able to communicate at the respective level on common daily topics; respond with written and spoken expressions of the target language according to the level of study; speak and convey information with accuracy and pronunciation acceptable to native-speakers of the language; explain aspects of diverse cultural and global awareness; and customize the mode of communication appropriate to the specific audience.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 001A</td>
<td>Beginning Spanish</td>
</tr>
<tr>
<td>SPAN 001B</td>
<td>Beginning Spanish</td>
</tr>
<tr>
<td>SPAN 002A</td>
<td>Intermediate Spanish</td>
</tr>
<tr>
<td>SPAN 002B</td>
<td>Intermediate Spanish</td>
</tr>
</tbody>
</table>

List A: Select one:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 003A</td>
<td>Adv Spanish Oral and Written Comprehension</td>
</tr>
<tr>
<td>SPAN 003B</td>
<td>Advanced Spanish Oral and Written Comprehension</td>
</tr>
<tr>
<td>ENGL 013</td>
<td>Latino/Chicano Literature</td>
</tr>
<tr>
<td>HIST 016</td>
<td>Mexican-American History</td>
</tr>
<tr>
<td>HIST 008A</td>
<td>History of Latin America/Caribbean, Prehistory to 1825</td>
</tr>
<tr>
<td>HIST 008B</td>
<td>History of Latin America/Caribbean, 1825 to Present</td>
</tr>
</tbody>
</table>

Total Major Units 23-25
GE Units (CSU GE or IGETC) 37-39
Total Degree Units 60

For crosswalk of new subject codes, see page 39
## Associate in Arts in Studio Art for Transfer Degree (A.A.-T in Studio Art)

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 completing the Associate in Arts in Studio Arts for Transfer degree (AA-T in Studio Arts) will be able to examine and evaluate artwork in terms of strengths and goals; create drawings that demonstrate proportion, value, volume, composition, chiaroscuro and perspective and techniques of pencil, ink and charcoal application; and create an art project that uses the elements of design point, line, plane, value, and other design principles of organization.

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.
- obtaining a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

### Required Core Courses: 12 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 001B</td>
<td>3</td>
</tr>
<tr>
<td>ART 031A</td>
<td>3</td>
</tr>
<tr>
<td>ART 033A</td>
<td>3</td>
</tr>
<tr>
<td>ART 081</td>
<td>3</td>
</tr>
<tr>
<td><strong>List A (select one): 3 units</strong></td>
<td></td>
</tr>
<tr>
<td>ART 001A</td>
<td>3</td>
</tr>
<tr>
<td>ART 001E</td>
<td>3</td>
</tr>
<tr>
<td>ART 007</td>
<td>3</td>
</tr>
<tr>
<td>ART 001J</td>
<td>3</td>
</tr>
<tr>
<td><strong>List B (Curricular Areas): 9 units</strong></td>
<td></td>
</tr>
<tr>
<td>ART 035A</td>
<td>3</td>
</tr>
<tr>
<td>ART 033C</td>
<td>3</td>
</tr>
<tr>
<td>ART 049A</td>
<td>3</td>
</tr>
<tr>
<td>ART 055</td>
<td>3</td>
</tr>
<tr>
<td>ART 049B</td>
<td>3</td>
</tr>
<tr>
<td>ART 057A</td>
<td>4</td>
</tr>
<tr>
<td>ART 065B</td>
<td>3</td>
</tr>
<tr>
<td>ART 067B</td>
<td>3</td>
</tr>
<tr>
<td>ART 085B</td>
<td>3</td>
</tr>
<tr>
<td>ART 062A</td>
<td>3</td>
</tr>
<tr>
<td>ART 031B</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Major Units</strong></td>
<td>24-25</td>
</tr>
<tr>
<td><strong>GE Units (CSU GE or IGETC)</strong></td>
<td>37-39</td>
</tr>
<tr>
<td><strong>Total Degree Units</strong></td>
<td>60</td>
</tr>
</tbody>
</table>

For crosswalk of new subject codes, see page 39.

## Associate in Arts in Theatre Arts for Transfer Degree (A.A.-T in Theatre Arts)

The Associate in Arts in Theatre Arts for Transfer degree (AA-T in Theater Arts) 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 Theatre Arts or Drama. Students who complete this program will be able to apply film and theatre terminology and language; analyze literature; identify production components; distinguish film and theatre styles and historical periods; demonstrate collaboration and team-building skills; creatively solve problems; demonstrate communication skills; create and demonstrate informed and personal artistic choices in coursework and productions.

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.
- obtaining a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

### Required Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEAR 010</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 040A</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 070</td>
<td>3</td>
</tr>
<tr>
<td><strong>OR</strong></td>
<td></td>
</tr>
<tr>
<td>THEAR 021C</td>
<td>3</td>
</tr>
<tr>
<td><strong>List A (select three):</strong></td>
<td></td>
</tr>
<tr>
<td>THEAR 041A</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 002A</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 018A</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 047A</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 044A</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 011A</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 011B</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 011C</td>
<td>3</td>
</tr>
<tr>
<td><strong>OR</strong></td>
<td></td>
</tr>
<tr>
<td>THEAR 045B</td>
<td>3</td>
</tr>
<tr>
<td><strong>If not used in Required Core:</strong></td>
<td></td>
</tr>
<tr>
<td>THEAR 070</td>
<td>3</td>
</tr>
<tr>
<td><strong>OR</strong></td>
<td></td>
</tr>
<tr>
<td>THEAR 021C</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Major Units</strong></td>
<td>18</td>
</tr>
<tr>
<td><strong>GE Units (CSU GE or IGETC)</strong></td>
<td>37-39</td>
</tr>
<tr>
<td><strong>Total Degree Units</strong></td>
<td>60</td>
</tr>
</tbody>
</table>

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60

Special pathways to transfer to out-of-state universities, see page 8.

For crosswalk of new subject codes, see page 39.
**Meeting with a counselor is recommended for selection of proper transfer requirement.**
Math Progression Flow Chart

### AA/AS

#### Non-STEM Majors

- **8** Finite Mathematics
- **12** Applied Calculus
- **G** Math for Liberal Arts
- **10 / 10H** Elementary Statistics
- **14** Math for Elem. School

#### STEM Majors

- **1** Pre-Calculus
  - prereq: Math 106 / 106R
- **D** Trigonometry
  - prereq: 104 / 104R and 106 / 106R
- **2** Pre-Calc & Trig
  - prereq: 104 / 104R and 106 / 106R

#### Other Courses

- **106S** Intermediate Algebra for Statistics
- **106 / 106R** Intermediate Algebra
- **103 / 103R** Elementary Algebra
- **104 / 104R** Geometry

### Notes:

1. Only take Math 901/902P to review arithmetic or if you have never taken algebra.
2. Only take Math 104/104R if you did not pass two semesters of high school geometry.
3. Math 106S ONLY prepares students for Math 10. This class is not appropriate for Business majors.

---

**Transfer**

- **901** Arithmetic
  - No prereq
- **902P** Pre-Algebra
  - No prereq
- **106 / 106R** Intermediate Algebra
  - No prereq
- **103 / 103R** Elementary Algebra
  - No prereq
- **104 / 104R** Geometry

---

**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.
3. STEM – disciplines of science, technology, engineering, and mathematics.
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 campusdownloading.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 the content you need, including a list of sources that offer legal downloading sites, video-on-demand, podcasts and CD kiosks. For a list of sources that offer legal downloading sites, access riaa.com

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 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, extinguating 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. Repeatable 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 401 Symphony Orchestra
- Intergalactic Athletics Courses:
  - KINA 9.01 Intercollegiate Baseball-Men
  - KINA 9.02 Intercollegiate Basketball-Men
  - KINA 9.03 Intercollegiate Men’s Basketball-Post-Season Fundamentals
  - KINA 9.07 Intercollegiate Soccer-Men
  - KINA 9.08 Intercollegiate Soccer-Women
  - KINA 9.09 Intercollegiate Softball-Women
  - KINA 9.10 Intercollegiate Swimming-Men
  - KINA 9.11 Intercollegiate Swimming-Women
  - KINA 9.16 Intercollegiate Beach Volleyball-Women
  - KINA 9.17 Intercollegiate Volleyball-Women
  - KINA 9.18 Intercollegiate Water Polo-Men
  - KINA 9.20 Women's Intercollegiate Water Polo
  - KINA 9.30 Intercollegiate Pre-Season Conditioning
  - KINA 9.41 Athletic Baseball - Skills and Techniques
  - KINA 9.42 Athletic Basketball - Skills and Techniques
  - KINA 9.47 Athletic Men’s Soccer - Skills and Techniques
  - KINA 9.48 Athletic Women’s Soccer - Skills and Techniques
  - KINA 9.49 Athletic Softball-Skills and Techniques
  - KINA 9.55 Athletic Men's Water Polo - Skills and Techniques
  - KINAT 9.56 Athletic Women's Water Polo - Skills and Techniques
  - WPA 9.60 Post Season Conditioning

Work Experience Course repetition

General work experience courses are not repeatable. Certain occupational work experience courses are repeatable. These are defined as courses for students who work in a job that is related to their chosen course of study. Students may not exceed 8 units of occupational work experience per term. The following courses are considered occupational work experience and are repeatable up to 16 total units (including both general and occupation work experience courses combined):

WRKX 302
WRKX 302G
WRKX 303
WRKX 303G
WRKX 304
CTRP 044
FDAT 084
HTCH 54A
HTCH 54B
INTD 90A
INTD 90B
INTD 90C
INTD 90D
PAPA 29B
PMGT 20B

Substandard Work

A student may repeat any course in which a substandard final grade (D, F or NP) was earned. 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 ONCE under this policy. If a student fails the same course twice, he or she must submit a Academic Appeals petition in order to register for a third time.

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. westvalley.edu/documents/classes/course-families/family-courses-list_2017-2018.pdf
Career Programs

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 approved by the California Community College State Chancellors Office will be included in the graduation ceremony. Note: State approved Degrees and Certificates will appear on the student's official transcript.
Engineering Advisory Board
David Brubaker
Nik Djordjevik, Lockheed
Ronald Gerola, P.E. Mech.
Lu Li
Thomas Sanford, P.E. Civil; P.E. Mech.
Bob Struk

Fashion Design and Apparel Technology Advisory Board
Jill Alexander, Jill Alexander Design
Max Cohn, Illusions Active Wear
Joseph Domingo, Joseph Domingo Studio
Joyita Ghose, POSHAD
Denise Kaatz, Robert Talbott
Kimo, Effie’s Heart
Katie Lias, Old Navy
Kristen Layton, Great America, Inc.
Alyce Parsons, Universal Style International
Sandra Patri, Live Oak High School
Kathy Ruben, Wilcox High School
Amy Williams, California College of the Arts
Amy Wong/ Anya Ignatyeva, Theia Grazi

Health Care Technologies Advisory Board
Francine Arnette, Kaiser San Jose
Virginia Chapman, Kaiser San Jose
Bev Cobb, Kaiser Santa Clara
Gail Depinna, Kaiser Hospital
Nicole Faria, Kaiser Santa Clara
Debbie Harris, Pediatrics Associates
Lex McAfee, Kaiser San Jose
Adam Salinger, Pro-Med Billing
Dr. Stanford Shoor, Kaiser Hospital

Interior Design Advisory Board
Dennis Baldwin, Dennis Baldwin Interiors
Sharon Daroca, Design Mart Silicon Valley
Terry de la Cuesta, One Workplace
Susan Foong, HGA Architects
Anna Harrison, Aedis Architects
Brian Kimura, San Jose State University
Elke MacGregor, DES Architects, Engineers
Patrick McClinstock, LPA Inc.
Patricia McDonald, Patricia McDonald
Morana Medved, Design Link
Anna Harrison, Aedis Architects
Brian Kimura, San Jose State University
Elke MacGregor, DES Architects, Engineers
Lisa Welty-O’Hare, Colorworks

Paralegal Advisory Board
Rod Cardinale Jr, Santa Clara County, Legal Proff Assoc.
Lynn Ferrari, Contraeean Law
Carina Frazier, Thermo Fisher
Stacy Hopkins, Chair and instructor Paralegal
Nancy Logue, PAASCO
Eva Martin Long, State Farm
Mary Oleary, Cisco Systems
Minda Parrish, Esq.
Julie Ross, Esq., I.R.S.
Cyrus Tabari, Esq.
Brad Weisberg, WVC
Karen Whitaker, Legal Ease
Hon Helen Williams, Santa Clara County, Superior Court

Park Management Program Advisory Committee
David Aguirre, Adjunct Faculty
Matt Anderson, Santa Clara County Parks, Chief Ranger
Kim Aufhauser, Park Management Program, Emeritus
Luke Bailey, Adjunct Faculty
John Carnes, CEO Maptools, Adjunct Faculty
Robb Courtney, Director, Santa Clara County Parks
Chris Cruz, Full-time Faculty and Department Chair
William Dall, California State Parks, Retired, Adjunct Faculty
Michelle Guzdek, Adjunct Faculty
Pam Helmke, City of San Jose Regional Parks
Jim Henderson, Professional Studies Division, West Valley College
Kathleen Jones, Palo Alto Parks and Open Space
Pat Jones, San Francisco Water, Watershed keeper
Julie Karhoffs, Adjunct Faculty
Tom Lausten, Mid-Peninsula Regional Open Space District
Alex Laman, Adjunct Faculty- Loma Prieta Fire-CaFire
Eric McFarland, Adjunct Faculty- Santa Clara County Parks
Heidi McFarland, Adjunct Faculty- Santa Clara Water District
Tadashy Moody, Adjunct Faculty
Dorsey Moore, San Jose Conservation Corps
Derek Neumann, Adjunct Faculty- Santa Clara Open Space Authority
Mike Newburn, Mid-Peninsula Regional Open Space District
Jim O’Connor, East Bay Regional Parks-Assistant General Manager
Jeff Panetta, Bay Area Battalion Chief-National Park Service, Adjunct Faculty
Matt Price, Santa Cruz County GIS Manager, Adjunct Faculty
Tom Smith, Park Management Program - Emeritus
Frank Weiland, Santa Clara County Parks, Senior Ranger
Brad Weisberg, Dean Career Programs and Workforce Development

Real Estate Advisory Board
Ed Bangle
Michael Burke
Michael Angles
Jim Pojda

Scoring for Film, TV and Gaming Advisory Board
Scott Glasgow, Composer, Scott Glasgow Music
Michael Lande, Co-Founder, Composer and Producer at Music Orange
Lennie Moore, Composer and Educator
Brian Schmidt, Executive Director GameSoundCon
Elizabeth Sellers, Head and Founder, Commercial and Media Composition Program Cal State Northridge

Sports Medicine Certificate Program Advisory Board
Meredith Dillon, Faculty, West Valley College Health and Human Development Division
Blake Gourley, Owner, Movement Evolution Performance Training, Campbell
John Haringer, Owner, Fast Action Training, Campbell
John Kao, MD, Sports Orthopedic and Rehabilitation, San Jose
Ross Nakaji, PT/Owner, Los Gatos Orthopedic Sports Rehabilitation, Los Gatos
Diane Rudy, Faculty, West Valley College Health and Human Development Division
Anthony Saglimbeni, MD, South Bay Sports & Preventive Medicine Associates, San Jose
Davidson Wong, Health and Fitness Director Southwest YMCA, Saratoga
Crosswalk of Subject Codes

Note: the subject codes for some courses have changed due to a change in data management systems (ex: BUS 078 to BUSN 078). This list is a complete crosswalk of old to new subject codes. Courses with new subject codes are considered equivalent to courses with old subject codes for the purpose of degree/certificate completion.

<table>
<thead>
<tr>
<th>ACCTG</th>
<th>ACCT</th>
<th>KIN</th>
<th>KINS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ</td>
<td>ADMJ</td>
<td>KIN.AT</td>
<td>KINA</td>
</tr>
<tr>
<td>ANTHR</td>
<td>ANTH</td>
<td>KIN.TH</td>
<td>KINT</td>
</tr>
<tr>
<td>ART</td>
<td>ARTS</td>
<td>LATIN</td>
<td>LATN</td>
</tr>
<tr>
<td>ASTRO</td>
<td>ASTR</td>
<td>LS</td>
<td>LRSV</td>
</tr>
<tr>
<td>BIO</td>
<td>BIOL</td>
<td>MUSIC</td>
<td>MUSC</td>
</tr>
<tr>
<td>BUS</td>
<td>BUSN</td>
<td>NC</td>
<td>NCAD/NCWA</td>
</tr>
<tr>
<td>CA</td>
<td>CAPP</td>
<td>NC.APE</td>
<td>NCPE</td>
</tr>
<tr>
<td>CHS</td>
<td>CHST</td>
<td>NS</td>
<td>NUTR</td>
</tr>
<tr>
<td>CIS</td>
<td>CIST</td>
<td>OCEAN</td>
<td>OCEA</td>
</tr>
<tr>
<td>COUNS</td>
<td>COUN</td>
<td>PKMGT</td>
<td>PMGT</td>
</tr>
<tr>
<td>CTR</td>
<td>CTRP</td>
<td>POLIT</td>
<td>POLI</td>
</tr>
<tr>
<td>DM</td>
<td>DIGM</td>
<td>PORTG</td>
<td>PRTG</td>
</tr>
<tr>
<td>ESL</td>
<td>ESLW</td>
<td>PSYCH</td>
<td>PSYC</td>
</tr>
<tr>
<td>FD</td>
<td>FDAT</td>
<td>RLEST</td>
<td>RLST</td>
</tr>
<tr>
<td>FRNCH</td>
<td>FRNC</td>
<td>SL</td>
<td>ASLA</td>
</tr>
<tr>
<td>H.ED</td>
<td>HEDU</td>
<td>SOC</td>
<td>SOCI</td>
</tr>
<tr>
<td>HTECH</td>
<td>HTCH</td>
<td>THEAR</td>
<td>THEA</td>
</tr>
<tr>
<td>HUMAN</td>
<td>HUMN</td>
<td>WGS</td>
<td>WGQS</td>
</tr>
<tr>
<td>ID</td>
<td>INTD</td>
<td>WRKEX</td>
<td>WRKX</td>
</tr>
<tr>
<td>IS</td>
<td>ISTU</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

OUT OF STATE DISCLAIMER

The United States Department of Education requires that West Valley College obtain approval from each out-of-state student’s state of residency before he/she may enroll 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.
How To Read Course Descriptions

1 Subject
2 Course number
3 Course Title
4 Course Number of Units
5 Course units breakdown
6 Necessary course and/or skills to take this class
7 Concurrent: may be taken at the same time
8 Advisory: Math 106/106R
9 Corequisite: Math 010
10 Corequisite must be taken at the same time

PSYC 002 EXPERIMENTAL PSYCHOPHYSIOLOGY

4 units
Lecture 3 units; lab 1 unit
Prerequisite: Psyc 001
Corequisite: Math 010
Advisory: Math 106/106R
Acceptable for credit: University of California, California State University

The course introduces the student to the theory and application of the scientific method with particular emphasis in the area of physiology and behavior. A computerized psychophysiology laboratory will be used to introduce students to...

Description of Courses

NOTES ON COURSE DESCRIPTIONS

The offering of any course is subject to adequate enrollment. Courses are offered as frequently as needed and as financial resources are available.

TRANSFER CREDIT: Each college or university has its own numbering system. The West Valley College Catalog will indicate courses which are acceptable for elective unit credit at the University of California and California State University. The student should see the course description for acceptability of credit.

Acceptable for Credit: California State University, indicates that the course has been designated by West Valley College as a baccalaureate level class, and as such will be accepted for elective unit credit at the campuses of California State Universities.

Acceptable for credit: University of California, indicates that the class will be acceptable for elective unit credit at the campuses of the University of California.

For more specific information about the transfer of credit for courses, students are advised to see page 9 “Transfer Credit” and to consult a counselor. Refer to assist.org for up-to-date articulation.

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
ACCT 010 FINANCIAL ACCOUNTING
5 units
Lecture 5 units; lab 0 units
Advisory: MATH 902
Acceptable for credit: University of California, California State University
C-ID ACCT 110
This is 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, the application of generally accepted accounting principles, the financial statements, and statement analysis. Includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. In addition, this course covers accounting for corporations, long-term liabilities, investments, the preparation and content of a cash flow statement, and financial statement analysis.

ACCT 011 MANAGERIAL ACCOUNTING
5 units
Lecture 5 units; lab 0 units
Prerequisite: ACCT 010
Acceptable for credit: University of California, California State University
C-ID ACCT 120
This course examines how managers use accounting information in decision-making, planning, directing operations, and controlling. The focus of the course is on cost terms and concepts, cost behavior, cost structure, cost-volume-profit analysis, variance analysis, activity-based costing, responsibility accounting, segment reporting, absorption & variable costing. The course also examines profit planning, standard costs, balanced scorecard, flexible budgeting, operations and capital budgeting, cost control, and accounting for costs in manufacturing organizations including job order and process costing systems.

ACCT 050 ACCOUNTING FOR SMALL BUSINESS
1 unit
Lecture 1 unit; lab 0 units
Advisory: MATH 902
This course is designed as a non-theoretical, practical approach to accounting with special emphasis on accounting for the smaller business establishments including the basic bookkeeping cycle, petty cash, bank reconciliations, and payroll accounting. Pass/No Pass Option

ACCT 060 ACCOUNTING FUNDAMENTALS QUICKBOOKS
4 units
Lecture 4 units; lab 0 units
Prerequisite: ACCT 050 or ACCT 010
Advisory: Equivalent accounting experience
Acceptable for credit: California State University
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 Option

ACCT 060A ACCOUNTING FUNDAMENTALS I - QUICKBOOKS
3 units
Lecture 3 units; lab 0 units
This course will cover the basics of the accounting cycle for a 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 Option

ACCT 060B ACCOUNTING FUNDAMENTALS II - QUICKBOOKS
3 units
Lecture 3 units; lab 0 units
Prerequisites: ACCT 060A or ACCT 050 or ACCT 010
This is a course designed for the student with prior accounting knowledge. The course will be devoted to learning the steps in the accounting process for a merchandising organization and specifically, the handling of receivable and payable transactions using the computerized accounting software package, Quickbooks. The course will also cover the handling of basic payroll transactions using Quickbooks software. Pass/No Pass Option
Administration of Justice

THE FACULTY
Renee Paquier

DIVISION Professional Studies
DIVISION CHAIR Jim Henderson
DEPARTMENT CHAIR Renee Paquier
PHONE 408-741-2180
EMAIL renee.paquier@westvalley.edu
COUNSELING 408-741-2088

ADMINISTRATION OF JUSTICE
(Justice Studies: Transfer)
See assist.org and/or consult with a counselor.

ASSOCIATE IN SCIENCE IN ADMINISTRATION OF JUSTICE FOR TRANSFER DEGREE
(AS-T in Administration of Justice)
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 completing the Associate in Science in Administration of Justice for Transfer degree (AS-T in Administration of Justice) will be able to describe the individual functions and integrations of the components of the criminal justice system; police, courts, and corrections; demonstrate skills and knowledge that allow them to successfully complete academic work at a transfer institution; 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; 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; and develop, organize and write an objective report that meets the legal and detailed requirements of law enforcement agencies.

Students must complete the following ADT 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.
• a minimum grade point average (GPA) of 2.0.
• earn a grade of C or better in all courses required for the major or area of emphasis.
Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses: 6 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 001</td>
<td>Introduction to Administration of Justice</td>
</tr>
<tr>
<td>AJ 002</td>
<td>Concepts of Criminal Law</td>
</tr>
</tbody>
</table>

List A Two courses: 6 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 004</td>
<td>Legal Aspects of Evidence</td>
</tr>
<tr>
<td>AJ 005</td>
<td>Criminal Investigation</td>
</tr>
<tr>
<td>AJ 006</td>
<td>Juvenile Procedures</td>
</tr>
<tr>
<td>AJ 021</td>
<td>Community Relations</td>
</tr>
<tr>
<td>AJ 041</td>
<td>Introduction to Forensics</td>
</tr>
<tr>
<td>AJ 100G</td>
<td>Introduction to Corrections</td>
</tr>
</tbody>
</table>

List B Two courses: minimum of 6 units

Select any course from List A not already used or courses listed below.

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 001</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics OR</td>
</tr>
<tr>
<td>MATH 010H</td>
<td>Honors Elementary Statistics</td>
</tr>
<tr>
<td>PSYCH 001</td>
<td>General Psychology</td>
</tr>
<tr>
<td>AJ 014</td>
<td>Alcohol, Narcotics and Drug Abuse</td>
</tr>
<tr>
<td>AJ 015</td>
<td>Sexual Assault Investigation</td>
</tr>
<tr>
<td>AJ 023</td>
<td>Police Report Writing</td>
</tr>
<tr>
<td>AJ 026</td>
<td>Organized Crime</td>
</tr>
<tr>
<td>AJ 032</td>
<td>Motorcycle, Prison and Street Gangs</td>
</tr>
<tr>
<td>AJ 033</td>
<td>Introduction to Probation and Parole</td>
</tr>
<tr>
<td>AJ 034</td>
<td>Career Planning in Criminal Justice</td>
</tr>
<tr>
<td>AJ 036</td>
<td>Firearms Terminology and Safety</td>
</tr>
</tbody>
</table>

Total Major Units 18-19

GE Units (CSU GE or IGETC) 37-39

Total Degree Units 60

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60.

For crosswalk of new subject codes, see page 39

ADMINISTRATION OF JUSTICE: LAW ENFORCEMENT

A.S. Degree

After completing an A.S. degree in Administration of Justice: Law Enforcement, a student will be able to:
• Interpret and apply established law and rules or evidence to a given law enforcement or corrections related situation;
• Use the appropriate interpersonal communication methodology, techniques or tactics for a given law enforcement or corrections related situation;
• 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 a minimum of one personal methodology for demonstrating an appreciation and respect for different cultures, and the ethnic diversity of a particular community;
• Identify and describe an ethical and professional response when given a personal law enforcement or corrections related matter or conflict scenario.

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.

Required Core Courses: 21 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 001</td>
<td>Introduction to Administration of Justice</td>
</tr>
<tr>
<td>AJ 002</td>
<td>Concepts of Criminal Law</td>
</tr>
<tr>
<td>AJ 003</td>
<td>Principles and Procedures of the Justice System</td>
</tr>
<tr>
<td>AJ 004</td>
<td>Legal Aspects of Evidence</td>
</tr>
<tr>
<td>AJ 005</td>
<td>Criminal Investigation</td>
</tr>
<tr>
<td>AJ 021</td>
<td>Community Relations</td>
</tr>
<tr>
<td>AJ 023</td>
<td>Police Report Writings</td>
</tr>
</tbody>
</table>

Elective Courses: 9 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 006</td>
<td>Patrol Procedures</td>
</tr>
<tr>
<td>AJ 008</td>
<td>Juvenile Procedures</td>
</tr>
<tr>
<td>AJ 014</td>
<td>Alcohol, Narcotics and Drug Abuse</td>
</tr>
<tr>
<td>AJ 015</td>
<td>Sexual Assault Investigation</td>
</tr>
<tr>
<td>AJ 026</td>
<td>Organized Crime</td>
</tr>
<tr>
<td>AJ 030A</td>
<td>Introduction to Administration of Justice Agencies</td>
</tr>
<tr>
<td>AJ 031</td>
<td>Academy Orientation</td>
</tr>
<tr>
<td>AJ 032</td>
<td>Motorcycle, Prison and Street Gangs</td>
</tr>
<tr>
<td>AJ 033</td>
<td>Introduction to Probation and Parole</td>
</tr>
<tr>
<td>AJ 034</td>
<td>Career Planning in Criminal Justice</td>
</tr>
<tr>
<td>AJ 036</td>
<td>Firearms Terminology and Safety</td>
</tr>
<tr>
<td>AJ 041</td>
<td>Introduction to Forensics</td>
</tr>
<tr>
<td>AJ 091</td>
<td>Directed Studies</td>
</tr>
<tr>
<td>AJ 092</td>
<td>Directed Studies</td>
</tr>
<tr>
<td>AJ 093</td>
<td>Directed Studies</td>
</tr>
</tbody>
</table>

Total Major Units 30

To be awarded an A.S. Degree, a student must complete
1. Achieve a grade of “C” or better in the major requirements”
2. Additional units to meet the college graduation requirements
For crosswalk of new subject codes, see page 39

ADMJ 001 INTRODUCTION TO ADMINISTRATION OF JUSTICE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID AJ 110

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.
ADMJ 002 CONCEPTS OF CRIMINAL LAW
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID AJ 120
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 completion of this course offers a foundation upon which upper-division criminal justice course will build. The course will also include some instruction in prosecution and defense decision making, criminal culpability, and defenses to crimes.

ADMJ 003 PRINCIPLES & PROCEDURES OF THE JUSTICE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID AJ 122
This course covers the legal process from pre-arrest, arrest through trial, sentencing and correctional procedures; a review of 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.

ADMJ 004 LEGAL ASPECTS OF EVIDENCE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
C-ID AJ 124
This course focuses on the origin, development, philosophy and constitutional basis of evidence; 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.

ADMJ 005 CRIMINAL INVESTIGATION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
C-ID AJ 140
This course addresses the techniques, procedures, and ethical issues in the investigation of crime, including 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.

ADMJ 008 JUVENILE PROCEDURES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
C-ID AJ 220
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 that focusses on Juvenile Law, courts and processes, and the constitutional protections extended to juveniles administered in the American Justice System.

ADMJ 014 ALCOHOL, NARCOTICS AND DRUG ABUSE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course is an introduction to the problem of substance abuse and the history and classification of drugs of abuse. This course is designed to equip police officers and the general public with knowledge of the issues involved in drug abuse.

ADMJ 015 SEXUAL ASSAULT INVESTIGATION
3 units
Lecture 3 units; lab 0 units
Acceptable for Credit: California State University
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 the measures used by agencies and individuals to prevent this crime. Pass/No Pass Option

ADMJ 021 COMMUNITY RELATIONS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID AJ 160
This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics may include the consensus and conflicting values in Cultural, Religion, and Law.

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog
ADMJ 023 POLICE REPORT WRITING
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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.

ADMJ 026 ORGANIZED CRIME
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
A study of the origins and development of organized crime from early Italy to contemporary America. The emphasis is on past and current major organized crime figures, activities, and law enforcement efforts to combat the escalating infusion of organized crime into legitimate business.

ADMJ 032 MOTORCYCLE, PRISON AND STREET GANGS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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. Pass/No Pass Option

ADMJ 033 INTRODUCTION TO PROBATION AND PAROLE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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, alternatives to incarceration including community corrections, probation and parole, offender rights and legal issues. The course addresses adult, juvenile and special needs offenders, corrections specialists, staff and administration as a profession and preview special challenges for the future of corrections.

ADMJ 034 CAREER PLANNING IN CRIMINAL JUSTICE
3 units
Lecture 3 units; lab 0 units
Advisory: MATH 902
Acceptable for credit: California State University
This introductory course is designed to acquaint students with potential careers in the Criminal Justice System. The content emphasizes the application, testing, and screening process necessary for employment with criminal justice agencies. Pass/No Pass Option

ADMJ 036 FIREARMS TERMINOLOGY & SAFETY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course covers the history and development of firearms. Various types of firearms are introduced and their functions examined. Laws pertaining to firearm ownership, possession, use and transportation are studied. Firearm safety is addressed. Pass/No Pass Option

ADMJ 041 INTRODUCTION TO FORENSICS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
C-ID AJ 150
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.

ADMJ 100G INTRODUCTION TO CORRECTIONS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
C-ID AJ 200
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. Pass/No Pass Option

American Sign Language
(See World Languages)

Anatomy and Physiology
Human Anatomy (See Biology)
Human Physiology (See Biology)
### Anthropology

**THE FACULTY**  
Andrew Kindon

**DIVISION**  
Social Science

**DIVISION CHAIRS**  
Janis Kea & Nichola Gutierrez

**DEPARTMENT CO-CHAIR**  
Andrew Kindon

**PHONE**  
408-741-2554

**EMAIL**  
andrew.kindon@westvalley.edu

**DEPARTMENT CO-CHAIR**  
Joe Hasty

**PHONE**  
408-741-2521

**EMAIL**  
joseph.hasty@westvalley.edu

**COUNSELING**  
408-741-2009

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

**ASSOCIATE IN ARTS IN ANTHROPOLOGY FOR TRANSFER DEGREE (AA-T in Anthropology)**

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 who complete this program will be able to apply scientific methodologies, including descriptive, quantitative, or qualitative; and demonstrate a holistic perspective on cultural, environmental, and/or biological systems that addresses cultural values, change, and interactions.

Students must complete the following ADT 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 better in all courses required for the major or area of emphasis

Students are not required to complete the information competency requirements, PE requirements, or cultural diversity requirements found in other degrees at the College.

**Required Core Courses: 9 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 001H Honors Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTHR 002</td>
<td>3</td>
</tr>
<tr>
<td>ANTHR 003</td>
<td>3</td>
</tr>
</tbody>
</table>

**List A: Select one: 4 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 010</td>
<td>3</td>
</tr>
<tr>
<td>MATH 010</td>
<td>4</td>
</tr>
</tbody>
</table>

**PREREQUISITES AND COREQUISITES** are MANDATORY. See page 5 for specific information.

**ADVISORY** is a recommended preparation, NOT a REQUIREMENT.

**This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/**

**ANTH 001 INTRODUCTION TO PHYSICAL ANTHROPOLOGY**  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
C-ID ANTHR 110

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. Pass/No Pass Option

**ANTH 002 INTRODUCTION TO ARCHAEOLOGY**  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
C-ID ANTH 150

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. Pass/No Pass Option

**ANTH 003 INTRODUCTION TO CULTURAL ANTHROPOLOGY**  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
C-ID ANTH 120

This course is a study of culture and social behavior as developed 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. Pass/No Pass Option

**ANTH 003H HONORS INTRODUCTION TO CULTURAL ANTHROPOLOGY**  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
C-ID ANTH 120

Honors Introduction to Cultural Anthropology 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 is a study of culture and social behavior as developed through the anthropological study of contemporary peoples. 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.

**List B: 4 units from below or from list A not already used**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 001A Physical Geology</td>
<td>4</td>
</tr>
</tbody>
</table>

**OR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 001AH Honors Physical Geology</td>
<td>4</td>
</tr>
</tbody>
</table>

**List C: 3 units (including any List A or B course not already used)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 004 Intro to Linguistic Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTHR 055 Anthropology of Magic, Witchcraft, and Religion</td>
<td>3</td>
</tr>
<tr>
<td>GEG 002 Intro Cultural Geography</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units**  
20

**GE Units (CSU GE or IGETC): 37-39**

**Total Degree Units**  
60

CSU-transferable elective courses are required when the major units plus transfer GE units total is less than 60.

Special transfer pathway to University of Hawaii at Manoa, see page 8.

For crosswalk of new subject codes, see page 39

**ANTHROPOLOGY A.A. Degree**

After completing an Associate of Arts degree in Anthropology, 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</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 001 Introduction to Physical Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTHR 002 Introduction to Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ANTHR 003 Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective Courses: at least 11 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 01A Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 01B Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>GEG 001 Intro to Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEG 002 Intro to Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIST Any history course</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 001 American Government</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 002 Comparative Governments</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 003 Intro to Political Science</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 004 International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 001 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 002 Experimental Psychophysics</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 007 Physiological Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 009 Intro to Psychology of Women</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 012 Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 025 Intro to Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 001 Intro to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 002 Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SOC 020 American Race Relations</td>
<td>3</td>
</tr>
<tr>
<td>SOC 040 Marriage and Family</td>
<td>3</td>
</tr>
<tr>
<td>SOC 045 Sociology of Human Sexuality</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units**  
20

For crosswalk of new subject codes, see page 39
Anthropology

ANTH 004 INTRO TO LINGUISTIC ANTHROPOLOGY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is designed to introduce 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. Pass/No Pass Option

ANTH 055 ANTHROPOLOGY OF MAGIC, WITCHCRAFT, AND RELIGION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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 the forms and functions of supernatural beliefs and rituals in various societies to develop insights into the functional aspects of religious beliefs and institutions in our lives. Pass/No Pass Option

Arabic
(See World Languages)

Archaeology
(See Anthropology)

Architecture

THE FACULTY
Dr. Soroush Ghahramani, Registered Architect, Italy; International Associate A.I.A.
DIVISION School of Art and Design
DEAN Andrew Chandler
DEPARTMENT CHAIR Dr. Soroush Ghahramani
PHONE 408-741-4097
EMAIL soroush.ghahramani@westvalley.edu
COUNSELING 408-741-2098

Degree
A.S., Architecture
A.S., Landscape Architecture

Certificates
Architectural History
Historic Preservation
Landscape Architecture

ARCHITECTURE
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. Most students transfer to U.C. Berkeley, Cal Poly San Luis Obispo, Cal Poly Pomona, the University of Southern California, and to a variety of public and private institutions, nationwide. It is generally possible to enter the field of Architecture directly with either a Certificate or A.S. Degree from West Valley, the transfer orientation of our program and the nature of internship within the Architecture profession limit that option. The Architecture courses at West Valley cover four areas of study: design, graphics, history, and practice/technical communication. In most instances, these courses are foundational rather than comprehensive, since students need two or more additional years of study in these areas before they receive a Bachelor’s or Master’s degree, because technology is becoming increasingly important in architecture, both professionally and academically, an increasing number of WVC courses leverage computer technology as an educational tool.

Students, upon completion of this certificate, may qualify for the following career paths as well as transfer to a 4 or 5 year program:
- Architect
- Landscape Architect
- Historic Preservation Architect
- Interior Designer
- Construction Manager
- Facilities Manager
- Graphic Designer
- Product Designer
- Specification Writer
- Structural Engineer
- Architectural Renderer

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

COURSE SUBSTITUTION AND WAIVERS
Course substitution and waivers are approved by the department upon review of transcripts, course description, syllabus, SLO (Student Learning Outcomes), and evidence of proficiency in the subject matter (a portfolio of assignments, projects, presentations, etc.) Students may take an exam upon department’s request.

CREDIT BY EXAMINATION
West Valley College’s credit by examination policy does not apply to any of Architecture courses.

ARCHITECTURE
A.S. 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. An increasing number of WVC courses leverage computer technology as an educational tool.

Students, upon completion of this degree, are prepared to transfer to a 4 or 5 years program in Architecture or Architectural Engineering. Career options after completion of a baccalaureate degree include:
- Architecture
- Landscape Architecture
- Historic Preservation Architecture
- Interior Design
- Construction Management
- Facilities Management
- Specification Writing
- Structural Engineering
- Architectural Graphics

After completing an A.S. in Architecture, a student will be able to:
- 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.
- 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.

Required Core Courses: 31 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 043</td>
<td>Styles in Architecture</td>
</tr>
<tr>
<td>ARCH 045</td>
<td>Architectural Building Codes</td>
</tr>
<tr>
<td>ARCH 048</td>
<td>Digital Tools for Architecture</td>
</tr>
<tr>
<td>ARCH 050</td>
<td>Construction Materials &amp; Methods</td>
</tr>
<tr>
<td>ARCH 051</td>
<td>Architectural Graphics: Drawing &amp; Sketching</td>
</tr>
</tbody>
</table>

Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
Required Core Courses: 40 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 045 Architectural Building Codes</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 046 History of Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 047 History of Modern Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 050 Construction Materials &amp; Methods</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 051 Architectural Graphics: Drawing &amp; Sketching</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 052 Architectural Graphics: Color Rendering</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 053 Intro to Architectural and Environmental Design</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 056 Basic Architectural Design</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 057 Architectural Model Making</td>
<td>1</td>
</tr>
<tr>
<td>ARCH 058 Intro to Revit Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 059 3D Studio Max: 3D Rendering</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 060 Green Building &amp; Sustainable Design</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 061 Architectural Design I</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 062 Architectural Design II</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 066 Advanced Revit Architecture</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Units 40

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.

HISTORIC PRESERVATION
Certificate of Achievement

Historic preservation is an evolving field, focusing on the care, protection, and restoration of the built environment (historic buildings) and other cultural resources. Now strongly tied to local, state, and federal laws, historic preservation as both a field of research and as a profession has matured considerably during the past 20 years. The practice of the profession requires a blend of knowledge in history of architecture and historic techniques of building construction. The goal is to reuse existing buildings that are structurally sound and environmentally safe. The study of this field prepares an individual to be a historic preservation designer, project supervisor, consultant, or contractor in the preservation process. The program aims at preparing students for careers in the historic preservation and conservation of the historic environment. Students have opportunities for studies and research in the history of architecture, preservation education and planning, documentation, and architectural restoration and rehabilitation, and architectural conservation. A strong emphasis is placed on community-based projects through college linkages with local and state groups, organizations, and agencies.

Career Paths
- Architectural Firms Specialized in Historic Preservation
- National Park Service and State Park
- U.S. Department of The Interior
- City, State, and County Agencies
- Cultural Resource and Heritage Management Firms
- Museums
- Private Planning Firms
- Non-Profit Organizations

After completing a certificate in Historic Preservation, a student will be able to:
- Communicate effectively and professionally in the historic preservation environment through proper use of verbal, written and graphic techniques.
- Apply mathematical skills to solve technical problems associated with restoration drawings and site measurements.
- Develop restoration drawings including construction drawings, and presentation drawings.
- Use computer graphics applications associated with restoration projects.
- Select restoration materials based upon their properties and methods of installation.
- Analyze structural systems of existing historic buildings.
- Apply building code and ADA (Americans with Disabilities Act) to existing historic buildings.
- Apply historic preservation guidelines and recommendations by Using “The Secretary of Interior’s Standards”.
- Identify professional, ethical and societal responsibilities including respect for diversity.

Required Core Courses: 13 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 041 Science of Materials in Historic Preservation</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 042 Architectural Restoration &amp; Rehabilitation</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 043 Styles in Architecture</td>
<td>2</td>
</tr>
<tr>
<td>ARCH 044 Introduction to Architectural Desktop</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Courses: 4 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 039A Architectural History</td>
<td>2</td>
</tr>
<tr>
<td>ARCH 031A Architectural Graphics: Drawing &amp; Sketching</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 045 Architectural Building Codes</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 014 Conservation of Our Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 018 Park Planning &amp; Design</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Certificate Units 17

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.

Career Paths
- Landscape Architects
- Resource Managers
- Designers
- Contractors
- Draftspersons
- Landscape Industry Representatives
- Planners

LANDSCAPE ARCHITECTURE: Transfer
See assist.org and/or consult with a counselor.

COURSE SUBSTITUTION AND WAIVERS
Course substitution and waivers are approved by the department upon review of transcripts, course description, syllabus, SLO (Student Learning Outcomes), and evidence of proficiency in the subject matter (a portfolio of assignments, projects, presentations, etc.) Students may take an exam upon department's request.

ARCH 052 Architectural Graphics: Color Rendering 3
ARCH 053 Introduction to Architectural & Environmental Design 3
ARCH 056 Basic Architectural Design 3
ARCH 061 Architectural Design I 3
ARCH 062 Architectural Design II 3
ARCH 063 Architectural Design III 3

Elective Courses: 7 units

Students must take a minimum of 7 units from the following list:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 046 History of Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 047 History of Modern Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 049 Introduction to Rhino</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 057 Architectural Model Making</td>
<td>1</td>
</tr>
<tr>
<td>ARCH 058 Introduction to Revit Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 060 3D Studio Max: 3D Rendering</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 064 Green Building &amp; Sustainable Design</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 065 Architectural Practice</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 066 Advanced Revit Architecture</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units 38

To be awarded an A.S. Degree, a student must complete:
1. All the major requirements.
2. A grade of “C” or better must be earned for all required courses.
3. All the required electives.
4. Additional units to meet the college graduation requirements.

A. This degree may require additional lower division requirements at CSU and UC campuses.
B. Students MUST complete CSU GE or IGETC pattern
C. Students MUST complete Proficiency Requirements for AA degree:
   - Reading for graduation
   - Information Competency
   - Cultural Diversity

For crosswalk of new subject codes, see page 39
CREDIT BY EXAMINATION
West Valley College’s credit by examination policy does not apply to any of Architecture courses.

LANDSCAPE ARCHITECTURE (A.S. Degree)
The Landscape Architecture Program at West Valley College is primarily a blend of art and science. Landscape Architecture focuses on natural systems and cultural processes in the planning, design, and management of sustainable landscapes for this and future generations. Students of Landscape Architecture are capable of solving complex environmental problems and are able to communicate effective solutions.

The Program in Landscape Architecture at West Valley College emphasizes a process-oriented approach to problem solving while encouraging sensitivity toward community values and ecological principles. Students will develop creative ability and technical skills through a range of exercises and projects relating to recreation and open space planning, plant selection, park design, landscape reclamation and preservation, resource management, and urban planning and design, as well as learning applications for residential, commercial, and institutional landscape environments.

The program is recognized by the California State Board of Landscape Architects. Students are prepared for rewarding professional careers or transfers to advanced university programs. Graduates are employed in a wide range of important environmental and design-related roles.

Students, upon completion of this AS Degree, may qualify for the following career paths as well as pursue a professional license:
- Landscape Architects
- Resource Managers
- Designers
- Landscape Contractors
- Draftspersons
- Landscape Industry Representatives
- Planners

LANDSCAPE ARCHITECTURE
A.S. Degree

After completing an A.S. degree in Landscape Architecture, a student will be able to:
- Communicate effectively and professionally in the landscape architectural environment through proper use of verbal, written, and graphic techniques.
- Apply mathematical skills to solve technical problems associated with landscape architectural drawings.
- Develop landscape architectural drawings and presentation drawings.
- Use computer graphics applications associated with landscape architectural projects.
- Select landscape construction materials based upon their properties and methods of installation.
- Apply building codes, zoning codes, and ADA (Americans with Disabilities Act).
- 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 different types of landscape plants during the four seasons.
- Demonstrate creative abilities in landscape plant composition.
- Identify professional, ethical and societal responsibilities including respect for diversity.

Required Core Courses: 37 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 050</td>
<td>3</td>
<td>Construction Materials &amp; Methods</td>
</tr>
<tr>
<td>ARCH 051</td>
<td>3</td>
<td>Architectural Graphics: Drawing &amp; Sketching</td>
</tr>
<tr>
<td>ARCH 053</td>
<td>3</td>
<td>Intro to Architectural and Environmental Design</td>
</tr>
<tr>
<td>ARCH 056</td>
<td>3</td>
<td>Basic Architectural Design</td>
</tr>
<tr>
<td>ARCH 057</td>
<td>1</td>
<td>Architectural Model Making</td>
</tr>
<tr>
<td>ARCH 058</td>
<td>3</td>
<td>Intro to Revit Architecture</td>
</tr>
<tr>
<td>ARCH 061</td>
<td>3</td>
<td>Architectural Design I</td>
</tr>
<tr>
<td>ARCH 062</td>
<td>3</td>
<td>Architectural Design II</td>
</tr>
<tr>
<td>ARCH 072</td>
<td>3</td>
<td>History of Landscape Architecture</td>
</tr>
<tr>
<td>ARCH 076</td>
<td>3</td>
<td>Landscape Construction Technology</td>
</tr>
<tr>
<td>ARCH 081</td>
<td>3</td>
<td>Landscape Plants: Summer &amp; Autumn</td>
</tr>
<tr>
<td>ARCH 082</td>
<td>3</td>
<td>Landscape Plants: Winter &amp; Spring</td>
</tr>
<tr>
<td>ARCH 084</td>
<td>3</td>
<td>Sustainability in Landscape Architecture</td>
</tr>
</tbody>
</table>

Elective Courses: 13 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 040</td>
<td>2</td>
<td>Fundamentals of Historic Preservation</td>
</tr>
<tr>
<td>ARCH 043</td>
<td>2</td>
<td>Styles in Architecture</td>
</tr>
<tr>
<td>ARCH 045</td>
<td>3</td>
<td>Architectural Building Codes</td>
</tr>
<tr>
<td>ARCH 046</td>
<td>3</td>
<td>History of Architecture</td>
</tr>
<tr>
<td>ARCH 047</td>
<td>3</td>
<td>History of Modern Architecture</td>
</tr>
<tr>
<td>ARCH 052</td>
<td>3</td>
<td>Architectural Graphics: Color Rendering</td>
</tr>
</tbody>
</table>

Total Major Units: 50

To be awarded an A.S. Degree, a student must:
1. Complete all the major requirements.
2. Complete required electives.
3. Earn a grade of "C" or better for all required courses.
4. Complete additional units to meet the college graduation requirements.

Note: The student should choose those general education requirements, which may apply both toward graduation requirements of the college and toward the bachelor’s degree requirements at the four-year institution to which he/she plans to transfer.

For crosswalk of new subject codes, see page 39

LANDSCAPE ARCHITECTURE
Certificate of Achievement

After completing a certificate in Landscape Architecture, a student will be able to:
- Communicate effectively and professionally in the landscape architectural environment through proper use of verbal, written, and graphic techniques.
- Apply mathematical skills to solve technical problems associated with landscape architectural drawings.
- Develop landscape architectural drawings and presentation drawings.
- Use computer graphics applications associated with landscape architectural projects.
- Select landscape construction materials based upon their properties and methods of installation.
- Apply building codes, zoning codes, and ADA (Americans with Disabilities Act).
- 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.

Required Core Courses: 19 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 051</td>
<td>3</td>
<td>Architectural Graphics: Drawing &amp; Sketching</td>
</tr>
<tr>
<td>ARCH 057</td>
<td>1</td>
<td>Architectural Model Making</td>
</tr>
<tr>
<td>ARCH 058</td>
<td>3</td>
<td>Intro to Revit Architecture</td>
</tr>
<tr>
<td>ARCH 061</td>
<td>3</td>
<td>Architectural Design I</td>
</tr>
<tr>
<td>ARCH 072</td>
<td>3</td>
<td>History of Landscape Architecture</td>
</tr>
<tr>
<td>ARCH 076</td>
<td>3</td>
<td>Landscape Construction Technology</td>
</tr>
<tr>
<td>ARCH 081</td>
<td>3</td>
<td>Landscape Plants: Summer &amp; Autumn</td>
</tr>
</tbody>
</table>

Total Certificate Units: 19

For crosswalk of new subject codes, see page 39

ARCH 040 FUNDAMENTALS OF HISTORIC PRESERVATION

2 units

Lecture 2 units; lab 0 units

Acceptable for credit: California State University

This course is a study of historic preservation theories and philosophies, various definitions for different types of preservation planning: Preservation, Restoration, Rehabilitation, and Reconstruction. It includes the study of the recommendations and guidelines of the Secretary of Interior’s Standards for the treatment of historic properties. Pass/No Pass Option

ARCH 041 SCIENCE OF MATERIALS IN HISTORIC PRESERVATION

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: California State University

This course is a study of traditional and modern materials, including use and properties, the diagnosis of the causes of deterioration, preservation, and restoration methods. This course also covers the mechanical stress effects on rigid materials, the study of corrosive chemicals on porous materials, the atmospheric pollution effects, the settlement of masonry, and the vibrations on the structures as well as the effects of road traffic on the buildings. Pass/No Pass Option

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
ARCH 042 ARCHITECTURAL RESTORATION AND REHABILITATION
3 units
Lecture 2 units; lab 1 unit
Prerequisites: ARCH 040, ARCH 041, ARCH 058
Acceptable for credit: California State University
This course is a study of different restoration philosophies and procedures. Course topics include: acquiring research skills for the collection of historic documents from various archives; investigating historic building; preparing field measurements; drawing plans, elevations, and sections of the historic building; following zoning and building code restrictions and requirements for restoration and rehabilitation of an existing historic building subject to a new use of occupancy; reporting the diagnosis of deterioration causes; and presenting the final restoration and rehabilitation proposal with specifications. Pass/No Pass Option

ARCH 043 STYLES IN ARCHITECTURE
2 units
Lecture 2 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is a study of styles in architecture from pre-history to the 1945. This course emphasizes students creativity on the 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. Pass/No Pass Option

ARCH 044 DIGITAL TOOLS FOR ARCHITECTURE
2 units
Lecture 1 unit; lab 1 unit
Advisory: MATH 902 and/or MATH 902P
Acceptable for credit: California State University
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 renderings, 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. Students should be familiar with Photoshop, InDesign or similar programs before enrolling in this course. Pass/No Pass Option

ARCH 045 ARCHITECTURAL BUILDING CODES
3 Units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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-resistant 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. Pass/No Pass Option

ARCH 046 HISTORY OF ARCHITECTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is a study of the world history of architecture from pre-history to the 1945. Pass/No Pass Option

ARCH 047 HISTORY OF MODERN ARCHITECTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

ARCH 048 DIGITAL TOOLS FOR ARCHITECTURE
2 units
Lecture 1 unit; lab 1 unit
Advisory: MATH 902 and/or MATH 902P
Acceptable for credit: California State University
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 renderings, 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. Students should be familiar with Photoshop, InDesign or similar programs before enrolling in this course. Pass/No Pass Option

ARCH 049 INTRODUCTION TO RHINO
3 units
Lecture 1.5 units; lab 1.5 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Only

ARCH 050 CONSTRUCTION MATERIALS & METHODS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course is a study of various building materials and methods. Their methods of installation, and provides an overview of the structural concepts of building design. Pass/No Pass Option

ARCH 051 ARCHITECTURAL GRAPHICS: DRAWING & SKETCHING
3 units
Lecture 1.5 units; lab 1.5 unit
Advisory: MATH 103 or MATH 103R
Acceptable for credit: University of California, California State University
This course is a study of the basic techniques of drafting and sketching as it relates to architectural and environmental graphic communication. Students have opportunities to develop visual literacy, freehand sketching techniques, and an understanding of perspective. This course also covers natural and man-made forms and basic architectural rendering. Pass/No Pass Option

ARCH 052 ARCHITECTURAL GRAPHICS: COLOR RENDERING
3 units
Lecture 1.5 units; lab 1.5 unit
Advisory: MATH 103 or MATH 103R
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

ARCH 053 INTRODUCTION TO ARCHITECTURAL AND ENVIRONMENTAL DESIGN
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

ARCH 056 BASIC ARCHITECTURAL DESIGN
3 units
Lecture 1.5 units; lab 1.5 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

ARCH 057 ARCHITECTURAL MODEL MAKING
1 unit
Lecture .5 units; lab .5 units
Acceptable for credit: California State University
This course covers all aspects of materials, tools, and skills required to build architectural models. Pass/No Pass Option

ARCH 058 INTRODUCTION TO REVIT ARCHITECTURE
3 unit
Lecture 1.5 units; lab 1.5 unit
Acceptable for credit: California State University
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. Pass/No Pass Option

- PREREQUISITES and COREQUISITES are MANDATORY. See page 5 for specific information.
- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
- ADVISORY is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
ARCH 059 3D STUDIO MAX: 3D RENDERING
3 unit
Lecture 2 units; lab 1 unit
Advisory: MATH 902, MATH 902P
Acceptable for credit: California State University
This course is study of Autodesk: 3D Studio Max Design software specifically designed for use by architecture, landscape architecture, interior design, and civil engineering professionals. This course familiarizes both novice and experienced 3D artists with the process and capabilities of the 3D Studio Max Design tool set. The course focuses on the process of developing projects with 3D Studio Max Design. Students have the opportunity to learn how to use each tool to its maximum benefit, as well as why it is important to the overall process. This course emphasizes the creation of advanced rendering perspectives from a 3D model of a building project and its context. Pass/No Pass Option

ARCH 060 GREEN BUILDING AND SUSTAINABLE DESIGN
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This intermediate level 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. Pass/No Pass Option

ARCH 061 ARCHITECTURAL DESIGN I
3 units
Lecture 1.5 units; lab 1.5 unit
Prerequisites: ARCH 056
Advisory: ARCH 049 or ARCH 058
Acceptable for credit: University of California, California State University
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 develop design skills by conceptualizing and representing architectural ideas and making aesthetic judgments about building design. Design problems range from those of the immediate environment of the individual to that of small social groups. Students develop their architectural creativity by use of software such as Rhino, SketchUp, and Revit. Pass/No Pass Option
ARCH 062 ARCHITECTURAL DESIGN II
3 units
Lecture 1.5 units; lab 1.5 unit
Prerequisite: ARCH 061
Acceptable for credit: University of California, California State University
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 develop their architectural creativity by use of software such as Rhino, SketchUp, and Revit. Pass/No Pass Option

ARCH 063 ARCHITECTURAL DESIGN III
3 units
Lecture 1.5 units; lab 1.5 unit
Prerequisite: ARCH 062
Acceptable for credit: University of California, California State University
This course is an advanced architectural design studio. Students 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 assist with developing the students’ architectural vocabulary. Students develop their architectural creativity by use of software such as Rhino, SketchUp, and Revit. Pass/No Pass Option

ARCH 064 ARCHITECTURAL PRACTICE
3 units
Lecture 2 units; lab 1 unit
Prerequisite: ARCH 063 or ARCH 63
Advisory: MATH 103/103R
Acceptable for credit: California State University
This course is the most advanced level architectural design studio. Students have opportunities to study environmental and visual phenomena through architectural design exercises. Additional topics include architect’s duties and responsibilities, and the development of an architectural production set: construction documents, construction specifications, and cost estimation. Pass/No Pass Option

ARCH 066 ADVANCED REVIT ARCHITECTURE
3 units
Lecture 2 units; lab 1 unit
Prerequisite: ARCH 058
Advisory: MATH 102
Acceptable for credit: California State University
This course is an advanced Autodesk: Revit Architecture software specifically designed for use by architecture, landscape architecture, interior design, and civil engineering professionals. This course familiarizes 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. This course emphasizes the creation of a set of construction documents and advanced rendering perspectives from a 3D model of a building project and its context. Pass/No Pass Option

ARCH 072 HISTORY OF LANDSCAPE ARCHITECTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is a study of world landscape architectural history from prehistory to present. Pass/No Pass Option

ARCH 076 LANDSCAPE CONSTRUCTION TECHNOLOGY
3 units
Lecture 2 units; lab 1 unit
Prerequisite: MATH 104
Advisory: MATH 103 or MATH 103R
Acceptable for credit: California State University
This course is a study of the landscape architecture technical implementation with an emphasis on basic principles of site layout, grading and drainage, earthwork computations, irrigation systems, landscape construction materials, and details. Pass/No Pass Option

ARCH 081 LANDSCAPE PLANTS: SUMMER AND AUTUMN
3 units
Lecture 2 units; lab 1 unit
Advisory: BIOL 042
Acceptable for credit: University of California, California State University
This course is a study of ornamental trees, vines, and groundcovers 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. Pass/No Pass Option

ARCH 082 LANDSCAPE PLANTS: WINTER AND SPRING
3 units
Lecture 2 units; lab 1 unit
Advisory: BIOL 042
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

ARCH 083 PLANT COMPOSITION
2 units
Lecture 1 unit; lab 1 unit
Prerequisite: ARCH 081
Corequisite: ARCH 082
Advisory: BIOL 042
Acceptable for credit: University of California, California State University
This course is a study of the design placement of ornamental trees, shrubs, vines, and groundcovers in the environmental landscape. Emphasis is on the aesthetic and functional relationship of plant combinations, forms, and the scale of plants to structures and outdoor spaces. Pass/No Pass Option

ARCH 084 SUSTAINABILITY IN LANDSCAPE ARCHITECTURE
3 units
Lecture 3 unit; lab 0 units
Acceptable for credit: California State University
This course covers the topic of sustainability in landscape architectural design studio. Students have opportunities to study sustainable environmental and visual phenomena through landscape architectural design exercises. Additional topics include Firescaping, green roof, plant restoration, habitat restoration, and Brownfield. Students have opportunities to apply sustainable design to a specific site. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
The West Valley College Art Department offers a comprehensive curriculum of courses including art appreciation, art history, art history online, computer art and animation, and three-dimensional design, drawing, figure drawing, painting, ceramics, photography, and sculpture. The Art Department curriculum accommodates students with various goals and levels of experience. The Art Department 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;
- 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.

**Highlights**

- West Valley College Art Gallery
- Fine Art Computer lab
- Integrated learning opportunities in Fine Arts – Art, Music, Theater Arts, Film
- Professional teaching faculty who actively produce and exhibit their artwork
- Lost-wax, ceramic shell, bronze casting facility
- Art History and Art Appreciation courses in distance format
- Opportunities to explore artistic expression in a wide variety of media
- Faculty scheduled trips to museums and galleries
- Focused workshops for community artists

**Career Options**

- Art Conservator
- Art Critic
- Art Curator
- Art Director
- Art Education/Teaching
- Art Librarian
- Art Publishing/Journalism
- Art Therapist
- Arts Administration
- Business
- Computer Animator

**Degrees**

A.A.-T in Art History; A.A.-T in Studio Art; A.A. in Art; A.A. in Computer Arts: Animation

**Certificates**

Computer Arts: Animation

**ASSOCIATE IN ARTS IN ART HISTORY FOR TRANSFER DEGREE (AA-T in Art History)**

The Associate in Arts in Art History for Transfer degree (AA-T in Art History) is a 60-unit program which provides lower division education to students planning to transfer to a CSU in pursuit of a baccalaureate degree in Art History or Art with an emphasis in Art History. Students completing the Associate in Arts in Art History for Transfer degree (AA-T in Art History) will be able to attribute artworks to artist, culture, country and/or style, give rationale for attribution, respond to artworks on both intellectual and emotional levels, and analyze iconography.

Students must complete the following ADT 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.
- attainment of a minimum grade point average (GPA) of 2.0.

Students are not required to complete the information competency requirements, PE requirements, or cultural diversity requirements found in other degrees at the college.

**Required Core Courses: 9 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 001A</td>
<td>3</td>
</tr>
<tr>
<td>ART 001B</td>
<td>3</td>
</tr>
<tr>
<td>ART 031A</td>
<td>3</td>
</tr>
</tbody>
</table>

**List A (select one): 3 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 007</td>
<td>3</td>
</tr>
<tr>
<td>ART 012A</td>
<td>3</td>
</tr>
<tr>
<td>ART 012B</td>
<td>3</td>
</tr>
</tbody>
</table>

**List B (select one): 3 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 033A</td>
<td>3</td>
</tr>
<tr>
<td>ART 033C</td>
<td>3</td>
</tr>
<tr>
<td>ART 035A</td>
<td>3</td>
</tr>
</tbody>
</table>

**Course Units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 081</td>
<td>3</td>
</tr>
<tr>
<td>ART 062A</td>
<td>3</td>
</tr>
<tr>
<td>ART 031B</td>
<td>3</td>
</tr>
</tbody>
</table>

**List C (select one): 3 units (including any course from List A or B not already used)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 001D</td>
<td>3</td>
</tr>
<tr>
<td>ART 001E</td>
<td>3</td>
</tr>
<tr>
<td>ART 010G</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units**

18

**GE Units (CSU GE or IGETC)**

37-39

**Total Degree Units**

60

For crosswalk of new subject codes, see page 39

**ASSOCIATE IN ARTS IN STUDIO ART FOR TRANSFER DEGREE (AA-T in Studio Art)**

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 completing the Associate in Arts in Studio Arts for Transfer degree (AA-T in Studio Arts) will be able to examine and evaluate artwork in terms of strengths and goals; create drawings that demonstrate proportion, value, volume, composition, chiaroscuro and perspective and techniques of pencil, ink and charcoal application; and create an art project that uses the elements of design point, line, plane, value, and other design principles of organization.

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.
- attainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements, or cultural diversity requirements found in other degrees at the College.

**Required Core Courses: 12 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 001B</td>
<td>3</td>
</tr>
<tr>
<td>ART 031A</td>
<td>3</td>
</tr>
</tbody>
</table>

**List A (select one): 3 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 007</td>
<td>3</td>
</tr>
<tr>
<td>ART 012A</td>
<td>3</td>
</tr>
<tr>
<td>ART 012B</td>
<td>3</td>
</tr>
</tbody>
</table>

**List B (select one): 3 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 033A</td>
<td>3</td>
</tr>
<tr>
<td>ART 033C</td>
<td>3</td>
</tr>
</tbody>
</table>

**List C (select one): 3 units (including any course from List A or B not already used)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 001D</td>
<td>3</td>
</tr>
<tr>
<td>ART 001E</td>
<td>3</td>
</tr>
<tr>
<td>ART 001G</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Degree Units**

60

For crosswalk of new subject codes, see page 39

**Recommended Preparations in Basic Skills**

Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
ART

A. A. Degree

Emphasis in Art History, Ceramics, Graphic Design, Painting/Drawing, or Sculpture.

After completing an A.A. degree in Art, a student will be able to:

- Analyze a variety of artists, artistic styles, and historical periods.
- Create works of art that represent technical skills and good craftsmanship.
- Evaluate works of art created by self and others.

**Required Core Courses: 24 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 001A Survey of Western Art I</td>
<td>3</td>
</tr>
<tr>
<td>ART 001B Survey of Western Art II</td>
<td>3</td>
</tr>
<tr>
<td>ART 001E Design in Society</td>
<td>3</td>
</tr>
<tr>
<td>ART 031A Beginning Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 031B Expressive Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 031C Representational Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 033A Two Dimensional Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 033C Color Design</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective Courses: 3 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 007 The Art of Asia</td>
<td>3</td>
</tr>
<tr>
<td>ART 010 American Art: A Multicultural Approach</td>
<td>3</td>
</tr>
<tr>
<td>ART 012A Art of Pre-Hispanic Mexico</td>
<td>3</td>
</tr>
<tr>
<td>ART 012B Art of Colonial and Modern Mexico</td>
<td>3</td>
</tr>
<tr>
<td>ART 035A Beginning Life Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 035B Intermediate Life Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 035C Intermediate-Advanced Life Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 035D Advanced Life Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 047A Beginning Watercolor</td>
<td>3</td>
</tr>
<tr>
<td>ART 047B Intermediate Watercolor</td>
<td>3</td>
</tr>
<tr>
<td>ART 047C Intermediate-Advanced Watercolor</td>
<td>3</td>
</tr>
<tr>
<td>ART 047D Advanced Watercolor</td>
<td>3</td>
</tr>
<tr>
<td>ART 049A Beginning Painting</td>
<td>3</td>
</tr>
<tr>
<td>ART 049B Intermediate Painting</td>
<td>3</td>
</tr>
<tr>
<td>ART 049C Intermediate-Advanced Painting</td>
<td>3</td>
</tr>
<tr>
<td>ART 049D Advanced Painting</td>
<td>3</td>
</tr>
<tr>
<td>ART 055 Introduction to Computer Arts</td>
<td>3</td>
</tr>
<tr>
<td>ART 056A Ceramics – Handbuilding</td>
<td>3</td>
</tr>
<tr>
<td>ART 056B Ceramics – Handbuilding</td>
<td>3</td>
</tr>
<tr>
<td>ART 065C Ceramics – Handbuilding</td>
<td>3</td>
</tr>
<tr>
<td>ART 065D Advanced Handbuilt Ceramics</td>
<td>3</td>
</tr>
<tr>
<td>ART 067A Ceramics – Potter’s Wheel</td>
<td>3</td>
</tr>
<tr>
<td>ART 067B Ceramics – Potter’s Wheel</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units**: 24-25

**Recommended**: 1 unit

- CA 020 Macintosh – An Introduction
- OR
- CA 070 Using Microsoft Windows

**Total Degree Units**: 60

For crosswalk of new subject codes, see page 39

**Required Core Courses: 24 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 031A Beginning Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 033A Two-Dimensional Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 033C Color Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 055 Introduction to Computer Arts</td>
<td>3</td>
</tr>
<tr>
<td>ART 057A Animation I</td>
<td>3</td>
</tr>
<tr>
<td>ART 057B Animation II</td>
<td>3</td>
</tr>
<tr>
<td>ART 060A Computer Arts: Interactive Digital Video Art</td>
<td>3</td>
</tr>
<tr>
<td>ART 060B Computer Arts: Multimedia Art Production</td>
<td>3</td>
</tr>
</tbody>
</table>

**Recommended**: 1 unit

- CA 020 Macintosh – An Introduction
- OR
- CA 070 Using Microsoft Windows

**Total Major Units**: 24

For crosswalk of new subject codes, see page 39

**ARTS 001A SURVEY OF WESTERN ART I**

3 units

- Lecture 3 units; lab 0 units
- Acceptable for credit: University of California, California State University
- C-ID ARTH 110

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. Pass/No Pass Option

**ARTS 001AH HONORS SURVEY OF WESTERN ART I**

3 units

- Lecture 3 units; lab 0 units
- Acceptable for credit: University of California, California State University
- C-ID ARTH 110

Honors Survey of Western Art I 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. 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. Pass/No Pass Option

**ARTS 001B SURVEY OF WESTERN ART II**

3 units

- Lecture 3 units; lab 0 units
- Acceptable for credit: University of California, California State University
- C-ID ARTH 120

This course is a general survey of painting, sculpture, and architecture in the western world 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. Pass/No Pass Option

**ARTS 001B SURVEY OF WESTERN ART II**

3 units

- Lecture 3 units; lab 0 units
- Acceptable for credit: University of California, California State University
- C-ID ARTH 120

This course is a general survey of painting, sculpture, and architecture in the western world 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. Pass/No Pass Option

**Required Core Courses: 24 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 031A Beginning Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 033A Two-Dimensional Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 033C Color Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 055 Introduction to Computer Arts</td>
<td>3</td>
</tr>
<tr>
<td>ART 057A Animation I</td>
<td>3</td>
</tr>
<tr>
<td>ART 057B Animation II</td>
<td>3</td>
</tr>
<tr>
<td>ART 060A Computer Arts: Interactive Digital Video Art</td>
<td>3</td>
</tr>
<tr>
<td>ART 060B Computer Arts: Multimedia Art Production</td>
<td>3</td>
</tr>
</tbody>
</table>

**Recommended**: 1 unit

- CA 020 Macintosh – An Introduction
- OR
- CA 070 Using Microsoft Windows

**Total Major Units**: 24

For crosswalk of new subject codes, see page 39

**Required Core Courses: 24 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 031A Beginning Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 033A Two-Dimensional Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 033C Color Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 055 Introduction to Computer Arts</td>
<td>3</td>
</tr>
<tr>
<td>ART 057A Animation I</td>
<td>3</td>
</tr>
<tr>
<td>ART 057B Animation II</td>
<td>3</td>
</tr>
<tr>
<td>ART 060A Computer Arts: Interactive Digital Video Art</td>
<td>3</td>
</tr>
<tr>
<td>ART 060B Computer Arts: Multimedia Art Production</td>
<td>3</td>
</tr>
</tbody>
</table>

**Recommended**: 1 unit

- CA 020 Macintosh – An Introduction
- OR
- CA 070 Using Microsoft Windows

**Total Major Units**: 24

For crosswalk of new subject codes, see page 39

**ARTS 001B SURVEY OF WESTERN ART II**

3 units

- Lecture 3 units; lab 0 units
- Acceptable for credit: University of California, California State University
- C-ID ARTH 120

This course is a general survey of painting, sculpture, and architecture in the western world 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. Pass/No Pass Option

---

- **PREREQUISITES AND COREQUISITES** are MANDATORY. See page 5 for specific information.
- **Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.**
- **ADVISORY is a recommended preparation, NOT a REQUIREMENT.**
- **This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/"
ARTS 001H HONORS SURVEY OF WESTERN ART II 3 units Lecture 3 units; lab 0 units Prerequisite: Pre-approval into Honors Program Acceptable for credit: University of California, California State University C-ID ARTH 120 This course is a general survey of painting, sculpture, and architecture in the western world from the Renaissance to the present day, emphasizing the evolution of the changing attitudes toward form and content. Honors Survey of Art II 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. Pass/No Pass Option ARTS 001D SURVEY OF MODERN ART 3 units Lecture 3 units; lab 0 units Acceptable for credit: University of California, California State University C-ID ARTH 150 This course is a general survey of painting, sculpture, and architecture in the Western modern world of the 19th and 20th centuries emphasizing the evolution of changing attitudes toward form and content. Pass/No Pass Option ARTS 001DH HONORS ART OF THE 20TH CENTURY 3 units Lecture 3 units; lab 0 units Acceptable for credit: University of California, California State University C-ID ARTH 150 Honors Art of the 20th Century 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 is a general survey of painting, sculpture, and architecture in the western world from the Impressionists to the present, emphasizing the evolution of changing attitudes toward form and content. This is an information competency infused course. Pass/No Pass Option ARTS 001E DESIGN IN SOCIETY 3 units Lecture 3 units; lab 0 units Acceptable for credit: University of California, California State University C-ID ARTH 150 This course provides a thematic and a 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 within their historical and cultural contexts including issues of economic and social class. Pass/No Pass Option ARTS 001G HISTORY OF PHOTOGRAPHY 3 units Lecture 3 units; lab 0 units Acceptable for credit: University of California, California State University C-ID ARTH 140 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. Pass/No Pass Option ARTS 001J SURVEY OF NON-WESTERN ART: AFRICA, OCEANIA, AND INDIGENOUS NORTH AMERICAS 3 units Lecture 3 units; lab 0 units Acceptable for credit: University of California, California State University C-ID ARTH 140 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. Pass/No Pass Option ARTS 003A WORKSHOP: ART GALLERY & ART MUSEUM 2 units Lecture 1 unit; lab 1 unit Acceptable for credit: California State University This course gives students the opportunity to learn about and gain workshop experience in various phases of preparation and execution of art exhibits. Pass/No Pass Option ARTS 004 ART APPRECIATION 3 units Lecture 3 units; lab 0 units Acceptable for credit: University of California, California State University C-ID ARTH 100 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 crystallization 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. Pass/No Pass Option ARTS 007 THE ART OF ASIA 3 units; lab 0 units Lecture 3 units; lab 0 units Acceptable for credit: University of California, California State University C-ID ARTH 130 This course is a general survey of art and culture in Asia from prehistory to present. Emphasis is on painting, sculpture, ceramics and architecture of India, China and Japan. Development of artistic ideas and expressions based in cultural interactions from prehistory to present are studied. Pass/No Pass Option ARTS 010 AMERICAN ART: A MULTICULTURAL APPROACH 3 units Lecture 3 units; lab 0 units Acceptable for credit: University of California, California State University This course is a multicultural history of American Art pre-colonial to contemporary times. The course examines the multiple histories and identities present in American art and culture providing understanding and awareness of their participation within America’s visual expression. Pass/No Pass Option ARTS 012A ART OF PRE-HISPANIC MEXICO 3 units Lecture 3 units; lab 0 units Acceptable for credit: University of California, California State University 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. Pass/No Pass Option ARTS 012B ART OF COLONIAL & MODERN MEXICO 3 units Lecture 3 units; lab 0 units Acceptable for credit: University of California, California State University 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. Pass/No Pass Option ARTS 013 AFRO-AMERICAN ART HISTORY 3 units Lecture 3 units; lab 0 units Acceptable for credit: University of California, California State University This course is a brief survey of the art of West African civilizations and the art of African Americans from colonial to contemporary time. 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. Pass/No Pass Option Recommended Preparations in Basic Skills: Before you enroll in any applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also require a math course prior to enrollment. See individual course descriptions for math recommendations.
ARTS 014 WOMEN IN ART HISTORY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

ARTS 031A BEGINNING DRAWING
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
C-ID ARTS 110
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. Pass/No Pass Option

ARTS 031B EXPRESSIVE DRAWING
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 031A
Acceptable for credit: University of California, California State University
C-ID ART 205
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. Pass/No Pass Option

ARTS 031C REPRESENTATIONAL DRAWING
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
In this course, students have the opportunity to expand their understanding of rendering a physical likeness of three-dimensional form 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 is emphasized. Pass/No Pass Option

ARTS 033A TWO-DIMENSIONAL DESIGN
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
C-ID ARTS 100
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. C-ID Arts 100. Pass/No Pass Option

ARTS 033C COLOR DESIGN
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 033A
Acceptable for credit: University of California, California State University
C-ID ARTS 270
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. C-ID Arts 270. Pass/No Pass Option

ARTS 035A BEGINNING LIFE DRAWING
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
C-ID ARTS 200
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. Pass/No Pass Option

ARTS 035B INTERMEDIATE LIFE DRAWING
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 035A
Acceptable for credit: University of California, California State University
C-ID ARTS 205
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 Option

ARTS 035C INTERMEDIATE-ADVANCED LIFE DRAWING
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 035A
Acceptable for credit: University of California, California State University
C-ID ARTS 210
This course provides students the opportunity to explore an expanded variety of drawing media combined with traditional approaches to develop a personal style of life drawing. Expanded theories of composition and color are covered through studio practice and research of the history of life drawing. Pass/No Pass Option

ARTS 035D ADVANCED LIFE DRAWING
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 035C
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

ARTS 037A BEGINNING WATERCOLOR
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 037A
Acceptable for credit: University of California, California State University
C-ID ARTS 270
This course offers students 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. Pass/No Pass Option

ARTS 037B INTERMEDIATE WATERCOLOR
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 037A
Acceptable for credit: University of California, California State University
This class students are introduced to basic techniques and applications of traditional materials associated with painting in aqueous media. Pass/No Pass Option

ARTS 037C INTERMEDIATE-ADVANCED WATERCOLOR
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 037B
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

ARTS 037D ADVANCED WATERCOLOR
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 037C
Acceptable for credit: University of California, California State University
In this course students continue their study of personal artistic direction by developing a cohesive body of work within the confines of watercolor or other aqueous media. Projects focus on series and theme development. Studio work is supplemented with painting-oriented research, writing, and verbal appraisals. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
ARTS 049A BEGINNING PAINTING
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 031A and ARTS 033A
Acceptable for credit: University of California, California State University
C-ID ARTS 210
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. Pass/No Pass Option

ARTS 049B INTERMEDIATE PAINTING
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 049A
Acceptable for credit: University of California, California State University
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 continue research of materials and techniques and begin to focus on creative expression. Pass/No Pass Option

ARTS 049C INTERMEDIATE-ADVANCED PAINTING
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 049B
Acceptable for credit: University of California, California State University
In this course, students have the opportunity to pursue personal style 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. Pass/No Pass Option

ARTS 049D ADVANCED PAINTING
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 049C
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

ARTS 055 INTRODUCTION TO COMPUTER ARTS
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
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.

ARTS 057A ANIMATION I
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: California State University
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.
ARTS 057B ANIMATION II
4 units
Lecture 3 units; lab 1 unit
Prerequisite: ARTS 057A
Acceptable for credit: California State University
This course provides students with the opportunity to develop intermediate to advanced Computer Animation skills. It covers object and effects animation, character animation including inverse kinematics, and particle simulation.

ARTS 060A COMPUTER ARTS: INTERACTIVE DIGITAL VIDEO ART
4 units
Lecture 3 units; lab 1 unit
Advisory: ARTS 057B
Acceptable for credit: California State University
In this course students have the opportunity to develop intermediate and advanced techniques for creating interactive digital video art using a variety of media. Linear, non-linear, and interactive processes pertinent to time-based media art are explored.

ARTS 060B COMPUTER ARTS: MULTIMEDIA ART PRODUCTION
4 units
Lecture 3 units; lab 1 unit
Advisory: ARTS 060A
Acceptable for credit: California State University
In this course students have the opportunity to develop a portfolio/reel of advanced digital media arts production techniques including: compositing of computer generated animation and special effects with live-action video and film, CD/DVD ROM production, and installation/kiosk design.

ARTS 062A BASIC PHOTOGRAPHY
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: California State University
This course is an introduction 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 is an investigation of 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. Pass/No Pass Option

ARTS 062B INTERMEDIATE PHOTOGRAPHY
3 units
Lecture 2 units; lab 1 unit
Advisory: PHOTO 101 or ARTS 062A
Acceptable for credit: California State University
This course continues the investigation 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. Pass/No Pass Option

ARTS 062C COLOR PHOTOGRAPHY
3 units
Lecture 2 units; lab 1 unit
Advisory: PHOTO 101 or ARTS 062
Acceptable for credit: California State University
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. Pass/No Pass Option

ARTS 062D STUDIO PHOTOGRAPHY
3 units
Lecture 2 units; lab 1 unit
Advisory: PHOTO 101 or ARTS 062A
Acceptable for credit: California State University
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 and the opportunity for hands on exploration of all aspects of beginning studio photography. Pass/No Pass Option

ARTS 065A CERAMICS - HANDBUILDING
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course focuses on theory and application of three-dimensional format designs. This advanced course gives students the opportunity to develop a critical awareness and vocabulary leading to independent critical thinking and to exploring the physical properties of clay for creative expression.

ARTS 065B CERAMICS - HANDBUILDING
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 065A
Acceptable for credit: University of California, California State University
This is an advanced course in ceramics handbuilding techniques, kilns, clay body construction, and ceramic decorative effects. The course includes further development of 3-D design concepts and projects focusing on individualized self-expression. This course gives students the opportunity to develop a critical awareness and vocabulary leading to independent critical thinking.

ARTS 065C CERAMICS - HANDBUILDING
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 065B
Acceptable for credit: University of California, California State University
This course explores additional course content and further develops artistic skills begun in 65B. The course gives students an opportunity to develop a critical awareness and vocabulary leading to independent critical thinking.

ARTS 065D ADVANCED HANDBUILT CERAMICS
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 065C
Acceptable for credit: University of California, California State University
This advanced course focuses on clay and glaze formulations, design and sculpture, and kiln firing. The course gives students an opportunity to develop a critical awareness and vocabulary leading to independent critical judgment.

ARTS 067A CERAMICS - POTTER’S WHEEL
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
This class is beginning-level instruction in wheel throwing, clay and glaze formulation, construction, stacking and firing of ceramic kilns. This course gives students the opportunity to develop basic skills and techniques using the potter’s wheel and develop an aesthetic awareness of three-dimensional format designs.

ARTS 067B CERAMICS - POTTER’S WHEEL
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 067A
Acceptable for credit: University of California, California State University
This course is an advanced wheel throwing course directed toward refinement of skills on potter’s wheel, production throwing techniques, advanced kiln firing techniques, clay compositions, complex thrown ceramics ware, and a combination of hand built and wheel thrown forms.

ARTS 081 3-DIMENSIONAL DESIGN
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
C-ID ARTS 101
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. Pass/No Pass Option

ARTS 085A SCULPTURE
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course explores and concentrates focus on the processes, principles, and tools of sculpture. Topics include the development of technical and aesthetic skills, elements of design and composition, camera technology, materials and equipment, and contemporary trends in sculpture. This course is an investigation of the historical and practical aspects of sculpture as an art form. These courses offer students the opportunity to develop a critical awareness and vocabulary leading to independent critical thinking.

ARTS 085C SCULPTURE
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course explores and concentrates focus on the processes, principles, and tools of sculpture. Topics include the development of technical and aesthetic skills, elements of design and composition, camera technology, materials and equipment, and contemporary trends in sculpture. This course is an investigation of the historical and practical aspects of sculpture as an art form. These courses offer students the opportunity to develop a critical awareness and vocabulary leading to independent critical thinking.
ARTS 085B SCULPTURE
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 085A
Acceptable for credit: University of California, California State University
This course explores and concentrates focus on the development of personal style of sculptural design. Subtractive, additive and fabrication techniques are used for modeling, casting and carving. Pass/No Pass Option

ARTS 088A METAL SCULPTURE CASTING
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
This is an advanced study of the metal casting process with emphasis on development of a personal style. Pass/No Pass Option

ARTS 088B METAL SCULPTURE CASTING
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 088A
Acceptable for credit: University of California, California State University
In this course, students do more advanced study of the metal casting process with an emphasis on the development of a personal style. Pass/No Pass Option

ARTS 095 NEW MEDIA AND SOCIAL CHANGE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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 momentous 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. The evaluation of major new media expressions from various cultures that have caused social change include a wide variety of genres from social documentary photography, multi-media documentaries, contemporary art photography, ethnographic photography, photojournalism, social media, and blogs. Pass/No Pass Option

ARTS 099 INTRODUCTION TO TYPOGRAPHY
3 units
Lecture 2 units; lab 1 unit
Advisory: ARTS 031A & ARTS 033A or DIGM 004
Acceptable for credit: University of California, California State University
This course is an introduction to typography, and focuses on creating typographic solutions for designs in visual media and art. It also focuses on working with letterforms, using typography as a design element, and assessing distinguishing characteristics of typefaces that are important in visual communication. Pass/No Pass Option

ASTR 002 ASTRONOMY LABORATORY
1 unit
Lecture 0 units; lab 1 unit
Corequisites: ASTR 010 or 011 or previous completion of ASTR 10 or 11
Acceptable for credit: University of California, California State University
This course is a hands-on approach to learning astronomical data-collecting methods that reinforce the concepts learned in Astronomy 010 or 011. Methods include use of the planetarium instrument, celestial globes, spectroscopes, optical benches, computer simulations and analysis tools. Pass/No Pass Option

ASTR 005 PLANETARIUM ASTRONOMY
2 units
Lecture 2 units; lab 0 units
Acceptable for credit: California State University
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 stars and the changing constellations of moon and planets is studied. Telescopes and methods of analyzing starlight are introduced. A brief history of astronomy from an earth centered to an exoplanet centered view is presented. Planetary astronomy makes use of our campus planetarium and, when practical, visit(s) to the Bay Area planetarium(s). This course is also useful to prospective teachers and youth leaders. Pass/No Pass Option

ASTR 010 SOLAR SYSTEM ASTRONOMY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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 Terrestrial and Jovian planets are investigated; followed by an exploration of moons, ring systems, asteroids and comets. Pass/No Pass Option

ASTR 011 STELLAR ASTRONOMY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

ASTR 014 LIFE IN THE UNIVERSE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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, the limits of life on earth and 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. Pass/No Pass Option

ASTR 020 FAMILY OF THE SUN
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
ASTR 020H HONORS FAMILY OF THE SUN
4 units
Lecture 3 units; lab 1 unit
Advisory: MATH 902 or MATH 902P
Acceptable for credit: University of California, California State University
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.

ASTR 021 LIFESTYLES OF THE STARS
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

ASTR 021H HONORS LIFESTYLES OF THE STARS
4 units
Lecture 3 units; lab 1 unit
Advisory: MATH 902P
Acceptable for credit: University of California, California State University
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.

ASTR 022 FROM BIG BANG TO BLACK HOLES
3 unit
Lecture 3 unit; lab 0 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

ASTR 030 FIELD ASTRONOMY
1 unit
Lecture 1 unit; lab 0 units
Corequisite: GEOL 030
Acceptable for credit: California State University
This is an intense weekend field lecture course, whose location may change from semester to semester, in general observational astronomy. The class uses direct visual and telescopic observation of the sky to help explain solar system, stellar and galaxy formation. The course includes pre-trip lecture meetings that cover the fundamentals of the motion of the heavens, star charts and telescope optics. Hiking and overnight camping is required. The course is held in conjunction with GEOL 030. Pass/No Pass Option

ASTR 030H FIELD ASTRONOMY
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: University of California, California State University
This is an intensive weekend field lecture course, whose location may change from semester to semester, in general observational astronomy. The class uses direct visual and telescopic observation of the sky to help explain solar system, stellar and galaxy formation. The course includes pre-trip lecture meetings that cover the fundamentals of the motion of the heavens, star charts and telescope optics. Hiking and overnight camping is required. The course is held in conjunction with GEOL 030. Pass/No Pass Option

AVIATION

THE FACULTY
Christopher Cruz
Benjamin Mendelsohn

UNMANNED AIRCRAFT TECHNOLOGY

Certificate of Achievement
This certificate is designed to prepare students to enter the Unmanned Aircraft Technology field. The required course work provides the students with the skills to manage and plan flight operations. Students demonstrate the ability to collect and process imagery data for analysis. Students also develop skills that they can apply in multiple applications including agriculture, natural and cultural resources management, emergency response, aerial videography and photography. Upon completing this certificate, students should be able to:

a. Demonstrate a basic knowledge of aircraft systems, to include airframe, power plants and flight instruments.
b. Demonstrate a basic knowledge of Unmanned Aircraft Systems including fixed wing and rotor-wing Unmanned Aircraft Systems.
c. Demonstrate knowledge of image acquisition and analysis from images acquired by Unmanned Aircraft Systems.
d. Select the type of Unmanned Aircraft System for a specific mission and identify types of payload to be carried and to complete a mission. Potential careers students may enter upon completing this certificate are: UAS Operator, UAS Maintenance Technician, Aerial Videographer, UAS Marketing Specialist, Drone Facilitator, Sales and Account Manager for Drones, Field Service Technician, UAV Pilot, Avionics Technician, UAS Trainer, Remotely Piloted Aircraft Sensor Operator, Drone Instructor and Remote Sensing Data Management Specialist.

This is a new and emerging field so standards are still evolving. The FAA (Federal Aviation Administration) is currently developing training standards for UAS Operators and UAS Technicians. The FAA has set regulations for commercial operations and businesses that operate UAS must have a Section 333 exemption. Public entities like government/public agencies must have Certificates of Authorization for the aircraft they fly and the locations they fly in. Also, they need to have an airworthiness certificate. There will be a small UAS Rule approved this summer by the FAA.

Required Core Courses: 15 units

<table>
<thead>
<tr>
<th>Units</th>
<th>Required Core Courses: 15 units</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 30B</td>
<td>Introduction to Unmanned Aircraft Systems</td>
</tr>
<tr>
<td>A 30A</td>
<td>Aviation-Pilot Ground School</td>
</tr>
<tr>
<td>A 30C</td>
<td>UAS Image Analysis and Visualization</td>
</tr>
<tr>
<td>A 30D</td>
<td>UAS Flight Operations and Flight Planning</td>
</tr>
<tr>
<td>PKMT 016G</td>
<td>Introduction to Remote Sensing</td>
</tr>
<tr>
<td>OR</td>
<td>PKMT 016A Introduction to Geospatial Technology</td>
</tr>
</tbody>
</table>

Total Certificate Units: 15
For crosswalk of new subject codes, see page 39
AVIA 030A AVIATION - PILOT GROUND SCHOOL
3 unit
Lecture 3 unit; lab 0 units
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.

AVIA 030B INTRODUCTION TO UNMANNED AIRCRAFT SYSTEMS
3 unit
Lecture 3 unit; lab 0 units
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.

AVIA 030C UAS IMAGE ANALYSIS AND VISUALIZATION
3 unit
Lecture 3 unit; lab 0 units
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.

AVIA 030D UAS FLIGHT OPERATIONS AND FLIGHT PLANNING
3 unit
Lecture 2 unit; lab 1 units
This course instructs the student in the operations and flight planning to include both fixed wing and rotor wing aircraft.

For related courses
(See Park Management)

THE FACULTY
Roberta Berlani
Leticia Gallardo
Michelle Geary
Cheryl Hackworth
Nathan Norris
Christine Peters-Stanton
Molly Schrey
Peter Svensson

DISTRIBUTION
Science and Mathematics

DEPARTMENT CHAIR
Leticia Gallardo

PHONE
408-741-2416

EMAIL
leticia.gallardo@westvalley.edu

COUNSELING
408-741-2009

BIOLOGICAL SCIENCE: Transfer: (Includes Biochemistry, Botany, Cell Biology, Zoology)
See assist.org and/or consult with a counselor.

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.

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

BIOLOGICAL SCIENCE
A.S. Degree

After completing an Associate of Science degree in Biology, a student will be able to:
- 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.

Required Core Courses: 15 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 041 Principles of Animal Biology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 042 Principles of Plant Biology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 043 Principles of Cells</td>
<td>5</td>
</tr>
<tr>
<td>BIO 045 Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 047 Human Anatomy</td>
<td>5</td>
</tr>
<tr>
<td>BIO 048 Human Physiology</td>
<td>5</td>
</tr>
</tbody>
</table>

Electives: Select either Chem 001A and Chem 001B OR Chem 030A and Chem 030B:

7-10 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 001 General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 001B General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 030A Fundamentals of Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 030B Fundamentals of Chemistry</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units 21-25

To be awarded an A.S. Degree in the above, a student must complete
1. All the major requirements
2. Additional units to meet the college graduation requirements.

The student should choose those general education requirements which may apply both toward graduation requirements of the college and toward the bachelor’s degree requirement at the four-year institution to which he/she plans to transfer.

For crosswalk of new subject codes, see page 39

ECOLOGY, BIODIVERSITY AND CONSERVATION
A.S. Degree

The goals of the Ecology, Biodiversity and Conservation transfer 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 transfer degree, the student will develop the ability to think logically, analyze data, apply critical thinking and scientific methodology, and develop problem-solving skills necessary

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
for success in any field of study. The Ecology, Biodiversity and Conservation major is transferable to four-year universities where students 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
- Forester
- Horticulturist
- Habitat Restoration
- Ecologist
- Laboratory Technician
- Ecologist
- Marine Biologist
- Environmental Lawyer
- Park Naturalist/Ranger
- Research Assistant
- Conservation Biologist
- Researcher
- Scientific Illustrator
- Educator
- Technical/Science Writer
- Naturalist
- Park Management
- Veterinarian
- Wildlife Specialist
- Zoo Curator
- Zoologist
- Environmental Consultant
- Environmental Policy and Management
- Green Technology

After completing an A.S. in Ecology, Biodiversity and Conservation, a student will be able to:
- Demonstrate knowledge of the scientific method by applying to a laboratory problem.
- Apply proper use of laboratory equipment, techniques and/or technology commonly used 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.
- Evaluate and demonstrate ability to make informed decisions pertaining to the environment.

**Required Core Courses: 14-20 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 002</td>
<td>Biological Ecology 3</td>
</tr>
<tr>
<td>BIO 037</td>
<td>Evolution - Life on Earth 3</td>
</tr>
<tr>
<td>BIO 038</td>
<td>Biodiversity and Extinction: Hotspots, Crisis and Conservation 3</td>
</tr>
<tr>
<td>BIO 012</td>
<td>Introduction to Ecology and Wildlife 4</td>
</tr>
<tr>
<td>BIO 013</td>
<td>Natural History of California 3</td>
</tr>
<tr>
<td>BIO 014</td>
<td>California Plants and Animals 4</td>
</tr>
<tr>
<td>BIO 041</td>
<td>Principles of Animal Biology AND 5</td>
</tr>
<tr>
<td>BIO 042</td>
<td>Principles of Plant Biology 5</td>
</tr>
<tr>
<td>BIO 040</td>
<td>Organismal Biology 4</td>
</tr>
</tbody>
</table>

**List A: 2 courses Different from above**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 002</td>
<td>Environmental Biology 3</td>
</tr>
<tr>
<td>BIO 013</td>
<td>Natural History of California 3</td>
</tr>
<tr>
<td>BIO 014</td>
<td>California Plants and Animals 4</td>
</tr>
<tr>
<td>BIO 018</td>
<td>Marine Biology 4</td>
</tr>
<tr>
<td>BIO 022</td>
<td>Genetics 4</td>
</tr>
<tr>
<td>BIO 024</td>
<td>Contemporary Biology 3</td>
</tr>
<tr>
<td>BIO 035</td>
<td>Biology of Birds 4</td>
</tr>
<tr>
<td>BIO 036</td>
<td>Animal Behavior 3</td>
</tr>
<tr>
<td>BIO 037</td>
<td>Evolution - Life on Earth 3</td>
</tr>
<tr>
<td>BIO 038</td>
<td>Biodiversity and Extinction: Hotspots, Crisis and Conservation 3</td>
</tr>
<tr>
<td>BIO 043</td>
<td>Principles of Cell Biology 5</td>
</tr>
<tr>
<td>BIO 055</td>
<td>Biology of Sex 3</td>
</tr>
<tr>
<td>BIO 056</td>
<td>Ecology of the Sierra Nevada 3</td>
</tr>
<tr>
<td>BIO 058</td>
<td>Field Ecology 3</td>
</tr>
<tr>
<td>BIO 059</td>
<td>Climate Change 3</td>
</tr>
</tbody>
</table>

**List B: Minimum 2 courses (one may come from List A)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 001</td>
<td>Introduction to Physical Anthropology 3</td>
</tr>
<tr>
<td>ANTHR 003</td>
<td>Introduction to Cultural Anthropology 3</td>
</tr>
<tr>
<td>ARCH 060</td>
<td>Green Building and Sustainable Design 3</td>
</tr>
<tr>
<td>CHEM 001A</td>
<td>General Chemistry 5</td>
</tr>
<tr>
<td>CHEM 001B</td>
<td>General Chemistry 5</td>
</tr>
<tr>
<td>CHEM 012A</td>
<td>Organic Chemistry 5</td>
</tr>
<tr>
<td>CHEM 012B</td>
<td>Organic Chemistry 5</td>
</tr>
<tr>
<td>CHEM 30A</td>
<td>Fundamentals of Chemistry 4</td>
</tr>
<tr>
<td>CHEM 30B</td>
<td>Fundamentals of Chemistry 3</td>
</tr>
<tr>
<td>COMM 008</td>
<td>Interpersonal Communication 3</td>
</tr>
<tr>
<td>GEOG 001</td>
<td>Intro Physical Geography 3</td>
</tr>
<tr>
<td>GEOG 001A</td>
<td>Physical Geography 4</td>
</tr>
<tr>
<td>GEOG 015</td>
<td>Geology of California 3</td>
</tr>
<tr>
<td>GEOG 020</td>
<td>Field Geology 2</td>
</tr>
<tr>
<td>HIST 014</td>
<td>History of the Native North Americans 3</td>
</tr>
<tr>
<td>MATH 003A</td>
<td>Calculus and Analytical Geometry 5</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics 4</td>
</tr>
<tr>
<td>OCEAN 010</td>
<td>Introduction to Oceanography 4</td>
</tr>
<tr>
<td>PKMG 015B</td>
<td>Natural and Cultural Resource Interpretation 3</td>
</tr>
<tr>
<td>PKMG 016A</td>
<td>Introduction to Geospatial Technology 3</td>
</tr>
<tr>
<td>PKMG 016B</td>
<td>Mobile GIS 3</td>
</tr>
<tr>
<td>PHYS 004A</td>
<td>Engineering Physics - Mechanics 5</td>
</tr>
<tr>
<td>PHYS 004B</td>
<td>Engineering Physics - Electricity and Magnetism 5</td>
</tr>
<tr>
<td>PHYS 004C</td>
<td>Engineering Physics-Light, Heat and Waves 5</td>
</tr>
<tr>
<td>PHIL 003</td>
<td>Introduction to Ethics 3</td>
</tr>
<tr>
<td>PHIL 017</td>
<td>Logic and Critical Reasoning 3</td>
</tr>
<tr>
<td>PSYCH 001</td>
<td>General Psychology 3</td>
</tr>
<tr>
<td>PSYCH 017</td>
<td>Introduction to Social Psychology 3</td>
</tr>
<tr>
<td>SOC 001</td>
<td>Introduction to Sociology 3</td>
</tr>
<tr>
<td>SOC 002</td>
<td>Social Problems 3</td>
</tr>
</tbody>
</table>

**Total Major Units: 25-40**

For crosswalk of new subject codes, see page 39

**BIOI 002 ENVIRONMENTAL BIOLOGY**

3 units

- Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

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.

**BIOI 010 INTRODUCTION TO BIOLOGY**

3 units

- Lecture 3 units; lab 0 units

Corequisite: BIOL 010L

Acceptable for credit: University of California, California State University

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 and a passing grade in both the lecture and the laboratory is required to receive credit for transfer as a GE science course with lab. BIOL 010/01L and BIOL 011 meet the same general education requirements. Note: UC will accept credit for only one course, BIOL 010 or BIOL 011/011H, not both. West Valley College will only allow students to take BIOL 010 or BIOL 011/011H, not both.

**BIOI 010L INTRODUCTION TO BIOLOGY LAB**

1 unit

- Lecture 0 units; lab 1 unit

Corequisite: BIOL 010

Acceptable for credit: University of California, California State University

This lab is a required Corequisite to the Biology 010 lecture course. This introductory laboratory class in general biology is designed for non-science majors and covers topics in ecology, evolution, anatomy, cell and molecular biology, and genetics. Emphasis is on using critical thinking skills to understand and apply biological principles to better understanding topics in general biology. Concurrent enrollment and a passing grade in both the lecture and the laboratory is required to receive credit for transfer as a GE science course with lab. BIOL 010/01L and BIOL 011 meet the same general education requirements. Note: UC will accept credit for only one course, BIOL 010 or BIOL 011/011H, not both. West Valley College will only allow students to take BIOL 010 or BIOL 011/011H, not both.
**BIO 011 HUMAN BIOLOGY**

4 units
Lecture 3 units; lab 1 unit

Acceptable for credit: University of California, California State University

Honors Human Biology 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 is an introductory biology course that uses humans as the model for understanding and applying the principles and concepts of biology. Emphasis is placed on using critical thinking skill to find solutions to everyday problems. Topics include the scientific method, cell structure and function, the physiology of human nutrition, circulation, excretion, reproduction, heredity, and how humans are related and adapted to their environment. Laboratory work includes hands-on application of concepts discussed in lectures. This course will be of particular interest to students considering careers in health. A passing grade in both the lecture and the laboratory is required to receive credit for the course. BIOL 010/010L and BIOL 011 meet the same general education requirements. Note: UC will accept credit for only one course, BIOL 010 or BIOL 011/011H, not both. West Valley College will only allow students to take BIOL 010 or BIOL 011/011H, not both.

**BIO 012 INTRODUCTION TO ECOLOGY AND WILDLIFE**

4 units
Lecture 3 units; lab 1 unit

Acceptable for credit: University of California, California State University

This non major course is 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 behavior, biology, population dynamics and human impact and management. Laboratory and field exercises emphasize investigative techniques used in scientific studies.

**BIO 013 NATURAL HISTORY OF CALIFORNIA**

3 units
Lecture 2 units; lab 1 unit

Acceptable for credit: University of California, California State University

This course explores the plant and animal communities of California. Students have the opportunity to learn about the ecology of California in both the classroom and field 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.

**BIO 014 CALIFORNIA PLANTS AND ANIMALS**

4 units
Lecture 3 units; lab 1 unit

Acceptable for credit: California State University

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. In-class activities and out-of-class projects involve learning the natural history of California lifeforms, as well as recognizing and naming them. Anyone who is interested in teaching, working in recreation or in park management has the opportunity to learn identification, display, and field techniques. 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.

**BIO 015 INTRODUCTION TO INFECTIOUS DISEASES**

3 units
Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

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 bioterrorism, and newer complications seen in ancient diseases. The course continues by examining how the human immune system responds to these infections and helps students understand the epidemiological patterns of disease in human populations.

**BIO 016 MARINE BIOLOGY**

4 units
Lecture 3 units lab 1 unit

Acceptable for credit: University of California, California State University

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, the 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.

**BIO 022 GENETICS**

4 units
Lecture 3 units; lab 1 unit

Acceptable for credit: University of California, California State University

This general education course is primarily for the non-science major. It 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.

Recommended Preparations in Basic Skills:

Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
BIOL 037 EVOLUTION - LIFE ON EARTH
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is an introduction to the history of life on earth by the exploration of 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 having implications for society and culture.

BIOL 038 BIODIVERSITY AND EXTinction: Hotspots, Crisis and Conservation
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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.

BIOL 040 ORGANISIMAL BIOLOGY
4 units
Lecture 3 units; lab 1 units
Prerequisites: MATH 106 or MATH 106R
Acceptable for credit: University of California, California State University
C-ID BIOL 140
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.

BIOL 041 PRINCIPLES OF ANIMAL BIOLOGY
5 units
Lecture 3 units; lab 2 units
Prerequisites: BIOL 010 or BIOL 011 or equivalent high school biology course, MATH 106 or MATH 106R
Advisory: BIOL 043
Acceptable for credit: University of California, California State University
C-ID BIOL 150
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.

BIOL 042 PRINCIPLES OF PLANT BIOLOGY
5 units
Lecture 3 units; lab 2 units
Prerequisite: MATH 106/106R
Advisory: BIOL 043
Acceptable for credit: University of California, California State University
C-ID BIOL 155
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 protistan phyla. Topics include development, morphology and physiology, taxononomy, 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.

BIOL 043 PRINCIPLES OF CELL BIOLOGY
5 units
Lecture 3 units; lab 2 units
Prerequisites: CHEM 001A, MATH 106 or MATH 106R; and BIOL 010 or BIOL 011 or Successful completion of any college biology course
Acceptable for credit: University of California, California State University
C-ID BIOL 190
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 give students 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.

BIOL 045 MICROBIOLOGY
5 units
Lecture 3 units; lab 2 units
Prerequisite: BIOL 010 or BIOL 011 or Successful completion of any college biology course; and CHEM 002 or CHEM 030A or CHEM 001A or Successful completion of any college chemistry course
Acceptable for credit: University of California, California State University
C-ID BIOL 110B
This course is designed for nursing and other health related majors. The course will use a regional approach to cadaver dissection. Working in small groups, students will dissect cadavers while the instructor provides the necessary information for the dissection. (Summer Only) Pass/No Pass Option

BIOL 046 HUMAN PHYSIOLOGY
5 units
Lecture 3 units; lab 2 units
Prerequisite: BIOL 047; CHEM 002 or CHEM 030A or CHEM 001A
Acceptable for credit: University of California, California State University
C-ID BIOL 120B
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.

BIOL 050 HUMAN CADAVER DISSECTION
1 unit
Lecture 0 units; lab 1 unit
Prerequisite: BIOL 047
Acceptable for credit: California State University
This course is a whole dissection of a human cadaver. The course is designed for nursing, medical, physical therapy, physician assistant, chiropractic and other health related majors. The course will use a regional approach to cadaver dissection. Working in small groups, students will dissect cadavers while the instructor provides the necessary information for the dissection. (Summer Only) Pass/No Pass Option

BIOL 055 BIOLOGY OF SEX
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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 complex 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.
### BIOL 056 ECOLOGY OF THE SIERRA NEVADA

3 units  
Lecture 2 units; lab 1 unit  

**Acceptable for credit:** University of California, California State University  

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.

### BIOL 058 FIELD ECOLOGY

3 units  
Lecture 2 units; lab 1 unit  

**Acceptable for credit:** University of California, California State University  

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, camping equipment and related expenses.

### BIOL 059 CLIMATE CHANGE

3 units  
Lecture 3 units; lab 0 units  

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 media tion at the global, national, state, community and individual level.

### Botany  
(See Biology)

### Cell Biology  
(See Biology)

---

**Business Administration and Real Estate**

**THE FACULTY**  
Manny Capello  
Karina Dunbars  
Jim Henderson  
Lance Shoemaker

**DIVISION**  
Professional Studies  
Jim Henderson  
Lance Shoemaker  

**DEPARTMENT CHAIR**  
Lance Shoemaker  
408-741-2436  

**EMAIL**  
lance.shoemaker@westvalley.edu  

**COUNSELING**  
408-741-2009

**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.

**ASSOCIATE IN SCIENCE IN BUSINESS ADMINISTRATION FOR TRANSFER DEGREE (A.S.-T in Business Administration)**  
The Associate in Science in Business Administration for Transfer Degree (AS-T in Business Administration) is a 60-unit program which provides students the lower division course work required for transfer to a CSU institution with a similar major in Business Administration. Students completing the Associate in Science in Business Administration for Transfer Degree (AS-T in Business Administration) will be able to apply generally accepted accounting theories and procedures to corporate, financial and managerial budgeting; utilize current software to perform various accounting functions; apply business theories and practices to researching and critically analyzing contemporary business issues; develop and prepare professional team-based projects and business presentations; analyze economic models as they apply to market economies and specific project and factor markets; solve problems using appropriate mathematical symbols, operations, and techniques; apply knowledge of legal principles to facilitate resolution of business problems; and speak and write effectively in business and workplace settings. 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.
- attainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

**Required Core Courses: 19 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 010</td>
<td>5</td>
</tr>
<tr>
<td>ACCT 011</td>
<td>5</td>
</tr>
<tr>
<td>ECON 001A</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001B</td>
<td>3</td>
</tr>
<tr>
<td>BUS 028</td>
<td>3</td>
</tr>
<tr>
<td>MATH 008</td>
<td>3</td>
</tr>
<tr>
<td>MATH 010</td>
<td>4</td>
</tr>
<tr>
<td>MATH 012</td>
<td>4</td>
</tr>
</tbody>
</table>

**List A: Choose one course**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 002</td>
<td>4</td>
</tr>
<tr>
<td>BUS 051</td>
<td>3</td>
</tr>
<tr>
<td>BUS 076</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units**  
29-30

**GE Units (CSU GE or IGETC)**  
37-39

**Total Degree Units**  
60

For crosswalk of new subject codes, see page 39

**BUSINESS: Transfer**

A.A. Degree

After completing an A.A. transfer degree in Business, a student will be able to:

- Apply introductory business theories and concepts to researching and analyzing contemporary business issues.
- Develop and prepare team based projects and professional business presentations.
- Demonstrate critical thinking skills for analyzing legal and business cases.
- Research and write strategic business and marketing plans.
- Utilize mathematical skills to solve business math problems.

**Required Core Courses: 35 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCTG 010</td>
<td>5</td>
</tr>
<tr>
<td>ACCTG 011</td>
<td>5</td>
</tr>
<tr>
<td>BUS 028</td>
<td>3</td>
</tr>
<tr>
<td>BUS 051</td>
<td>3</td>
</tr>
<tr>
<td>CIS 002</td>
<td>4</td>
</tr>
<tr>
<td>ECON 001A</td>
<td>3</td>
</tr>
<tr>
<td>ECON 002A</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001B</td>
<td>3</td>
</tr>
<tr>
<td>ECON 002B</td>
<td>3</td>
</tr>
<tr>
<td>MATH 010</td>
<td>3</td>
</tr>
<tr>
<td>MATH 012</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total Major Units**  
35

*Note: San Jose State University Business transfers should complete ENGL 001B. Please consult a counselor for recommendations on completing critical thinking courses as these can vary by institution.*

For crosswalk of new subject codes, see page 39

---

#### Recommended Preparations in Basic Skills:

Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
BUSINESS ADMINISTRATION
A.S. Degree
After completing an A.S. degree in Business, a student will be able to:
• Apply introductory business theories and concepts to researching and analyzing contemporary business issues.
• Develop and prepare team based projects and professional business presentations.
• Demonstrate critical thinking skills for analyzing legal and business cases.
• Research and write strategic business and marketing plans.
• Utilize mathematical skills to solve business math problems.

Required Core Courses: 20 units

Course Units
ACCTG 050 Accounting for Small Business 1
BUS 028 Business Law 3
BUS 061 Business & Society 3
BUS 062 Business Mathematics 3
BUS 070 Effective Office Skills 3
BUS 078 Business Communication 3
CIS 002 Introduction to Computing 4

Total Certificate Units 12

For crosswalk of new subject codes, see page 39

BUSINESS ADMINISTRATION Certificate of Achievement
After completing a Business Administration certificate a student will be able to:
• Apply introductory business theories and concepts to researching and analyzing
• Develop and prepare team based projects and professional business presentations.
• Demonstrate critical thinking skills for analyzing legal and business cases.
• Research and write strategic business and marketing plans.
• Utilize mathematical skills to solve business math problems.

Required Core Courses: 12 units

Course Units
BUS 051 Introduction to Business 3
BUS 056 Marketing Principles 3
BUS 066 Human Relations in Business 3
BUS 061 Business and Society 3
COMM 017 Effective Listening 3
BUS 078 Business Communication 3

Total Certificate Units 12

For crosswalk of new subject codes, see page 39

BUSINESS MANAGEMENT
Certificate of Achievement
Students completing a Business Management certificate will be able to:
• Research and write strategic business and marketing plans.
• Apply a variety of management approaches to the effective and efficient running of business enterprises and organizations.

Required Core Courses: 15 units

Course Units
BUS 040 Sales Strategies 3
BUS 056 Marketing Principles 3
BUS 066 Human Relations in Business 3
BUS 078 Business Communication 3
BUS 036 Strategic Management 3

Total Certificate Units 15

For crosswalk of new subject codes, see page 39

HUMAN RELATIONS IN BUSINESS
Certificate of Achievement
After completing a Human Relations In Business certificate a student will be able to:
• Apply introductory business theories and concepts to researching and analyzing
• Develop and prepare team based projects and professional business presentations.
• Demonstrate critical thinking skills for analyzing legal and business cases.
• Research and write strategic business and marketing plans.
• Utilize mathematical skills to solve business math problems.

Required Core Courses:

Course Units
BUS 061 Business and Society 3
BUS 066 Human Relations in Business 3
BUS 078 Business Communication 3

Total Certificate Units 15

For crosswalk of new subject codes, see page 39

MARKETING
Certificate of Achievement
After completing a Marketing certificate a student will be able to:
• Apply introductory business theories and concepts to researching and analyzing
• Develop and prepare team based projects and professional business presentations.
• Demonstrate critical thinking skills for analyzing legal and business cases.
• Research and write strategic business and marketing plans.
• Utilize mathematical skills to solve business math problems.

Required Core Courses:

Course Units
BUS 040 Sales Strategies 3
BUS 056 Marketing Principles 3
BUS 066 Human Relations in Business 3
BUS 078 Business Communication 3

Total Certificate Units 15

For crosswalk of new subject codes, see page 39

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
BUSN 015 THE ENTREPRENEURIAL MINDSET  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: California State University  
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 in different cultures and during various eras are explored. The motivations, contributions, and innovations of entrepreneurs are addressed in order to assist and empower students as they develop their own personal entrepreneur mindset approaches for achieving their goals and aspirations. Pass/No Pass Option

BUSN 024 INTERNATIONAL BUSINESS MANAGEMENT  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
This course is an introduction to globalization and the cultural, economic, political, and legal environments of international business including an overview of risks, challenges, and opportunities in the global marketplace. Pass/No Pass Option

BUSN 026 BUSINESS LAW  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
This course is an introduction to law relating to the conduct of business, the meaning and sources of law, organization of courts and court procedures, and fundamental principles of the law of contracts and agency. A fundamental understanding of common law principles is achieved by analyzing selected cases and court decisions. Fundamental legal principles pertaining to business transactions. Introduction to the legal process. Topics include sources of law and ethics, contracts, torts, agency, criminal law, business organizations, and judicial and administrative processes. Pass/No Pass Option

BUSN 030 INTRODUCTION TO QUALITY MANAGEMENT  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: California State University  
This is an introductory course in Quality Management that provides students with a general overview of the theories and principles of the continuous improvement process in today’s workplace. The curriculum is based on the teachings of Dr. W. Edwards Deming and his fourteen points of quality. This course will cover: quality improvements through statistical process control, strategic decision making, process diagnosis, six sigma management and stakeholder satisfaction. Pass/No Pass Option

BUSN 034 HUMAN RESOURCE MANAGEMENT  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: California State University  
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 resource administration; and government regulations and statutes. Pass/No Pass Option

BUSN 035 RETAIL MANAGEMENT  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: California State University  
This course is an in-depth study of the various kinds of retail firms and the competitive environment in which they operate. Studies will cover consumer behavior, product analysis, location and store layout, personnel administration, sources and logistics of material movement, pricing and other merchandise mathematics, retail promotion, budgeting, and the evaluation of store operations. Pass/No Pass Option

BUSN 036 STRATEGIC MANAGEMENT  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: California State University  
Strategic Management explores up-to-date, state-of-the-art planning concepts and techniques for achieving competitive advantage in today’s dynamic business environment. It includes strategy formation, implementation and evaluation processes with a special focus on globalization, the natural environment, start-up organizations and entrepreneurship. Pass/No Pass Option

BUSN 040 SALES STRATEGIES  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: California State University  
This course includes the nature and concept of sales principles and strategies. This course covers careers in selling in various fields. This 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. Pass/No Pass Option

BUSN 042 BEGINNING MICROSOFT WORD DOCUMENTS  
1 unit  
Lecture 1 unit; lab 0 units  
Acceptable for credit: California State University  
The software program MS Word is taught 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. Pass/No Pass Only

BUSN 043 MS OFFICE - BEGINNING OFFICE COMPUTING  
3 units  
Lecture 3 units; lab 0 units  
Advisory: CAPP 010D  
Acceptable for credit: California State University  
This course introduces students to the Windows operating system. Students have the opportunity to learn basic Microsoft Word, Excel and PowerPoint. Pass/No Pass Option.

BUSN 044 PRESENTATION, POWERPOINT  
1 unit  
Lecture 1 unit; lab 0 units  
Acceptable for credit: California State University  
Students in this course are given the opportunity to learn to use a comprehensive program. Using templates for formatting text and data organized in outline form, creating overhead transparencies, preparing slide presentations, and printing presentation notes are studied. Pass/No Pass Only

BUSN 046 EXCELLENT WITH EXCEL  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: California State University  
This course provides students with the opportunity to learn the capabilities of a spreadsheet program. Students create spreadsheet formats, enter text data and formula expressions by storing, retrieving, copying and printing spreadsheets. Creating graphic representations of data is covered also, and students are introduced to macro capabilities. Pass/No Pass Option

BUSN 046B BEGINNING SPREADSHEETS: MICROSOFT EXCEL  
1 unit  
Lecture 1 unit; lab 0 units  
Acceptable for credit: California State University  
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 Only

BUSN 047 ADOBE ACROBAT AND PDF  
1 unit  
Lecture 1 unit; lab 0 units  
Acceptable for credit: California State University  
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 Only

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.  
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.  
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.  
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
BUS 051 INTRODUCTION TO BUSINESS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID BUS 110
This business survey course provides a multi-disciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization’s policy and practices within the U.S. and a global society. This course demonstrates how these influences impact primary areas of business including: organizational structure and design; leadership, human resource management, and organized labor practices; marketing; organizational communication; technology; entrepreneurship; legal, accounting, and financial practices; the stock and securities market; and the business’ ability to achieve its goals. Pass/No Pass Option

BUS 054 SMALL BUSINESS START UP AND MANAGEMENT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This introductory course helps the student develop an overall personal concept of the functions of business and its role in society. The course covers the functions, objectives, ethics, and environment of business to provide students the opportunity to grasp the importance and functioning of a market directed economic system and to understand and appreciate modern business methods and problems. This course includes a study of sole proprietorship, partnerships, and corporate functions, international trade and business/government relations, production and products liability, accounting, marketing, personal management, and capital formation and a study of the securities markets. Pass/No Pass Option

BUS 056 MARKETING PRINCIPLES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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. Pass/No Pass Option

BUS 059 BUSINESS, GOVERNMENT, AND SOCIETY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

BUS 062 BUSINESS MATHEMATICS
3 units
Lecture 3 units; lab 0 units
Prerequisite: MATH 103 or MATH 103R
Acceptable for credit: California State University
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.

BUS 066 HUMAN RELATIONS IN BUSINESS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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. Pass/No Pass Option

BUS 068 ORGANIZATIONAL BEHAVIOR
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
Organizational Behavior is a comprehensive, reality-based course that investigates and illustrates behavior patterns in organizations. Emphasis is on globalization, 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. Pass/No Pass Option

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
BUSN 070 EFFECTIVE OFFICE SKILLS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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. Pass/No Pass Option

BUSN 078 BUSINESS COMMUNICATION
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 001A
Acceptable for credit: California State University
C-ID BUS 115
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. Pass/No Pass Option

BUSN 081 ADVERTISING PRINCIPLES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course is an introduction to the basic principles and techniques of advertising as applied to business and to media. Advertising campaigns and their effectiveness are covered. Pass/No Pass Option

Real Estate

Learning Outcomes
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 renewal 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:
Course | Units
--- | ---
RLST 090 Principles of Real Estate | 3
RLST 091 Real Estate Practice | 3

And one of the following:
Course | Units
--- | ---
BUS 028 Business Law | 3
RLST 092 Real Estate Economics | 3
RLST 093A Legal Aspects of Real Estate | 3
RLST 094C Real Estate Appraisal Principles & Procedures | 3
RLST 095A Real Estate Finance | 3
RLST 096A Real Estate Investment I | 3
RLST 099 Property Management | 3

For crosswalk of new subject codes, see page 39

RLST 090 PRINCIPLES OF REAL ESTATE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This is a required course to obtain a Real Estate Salesperson license. The course covers 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. Acceptable for credit: California State University

RLST 091 REAL ESTATE PRACTICE
3 units
Lecture 3 units; lab 0 units
Advisory: RLST 090
Acceptable for credit: California State University
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, advertising, financing, escrows, taxation, income tax, 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. Acceptable for credit: California State University

RLST 092 REAL ESTATE ECONOMICS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course will allow the student to analyze the causes and effects of value fluctuations in real estate, the nature of land development and its relationship to the socioeconomic status of people, and what is considered a good or bad real estate investment. He/she will distinguish between general and specific governmental controls affecting real estate activity and will analyze the effect of local, state and federal taxes on real estate activity. This student will apply basic economic principles in solving the critical problems facing this community in providing adequate housing for its citizens. This course applies toward the educational requirements of both the California real estate broker’s and the California real estate salesperson’s license examination. Acceptable for credit: California State University

RLST 093A LEGAL ASPECTS OF REAL ESTATE I
3 units
Lecture 3 units; lab 0 units
Advisory: RLST 090, MATH 103/103R
Acceptable for credit: California State University
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 toward 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. Acceptable for credit: California State University

RLST 094C REAL ESTATE APPRAISAL PRINCIPLES AND PROCEDURES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This introductory real estate appraisal course meets both California Office of Real Estate Appraisers (OREA) and California Department of Real Estate (DRE) educational requirements. This course satisfies the OREA Basic Appraisal Principles requirement with 30 hours of principles and 15 hours of procedures instruction. Appraisal students are advised to take RLST 095A concurrently for the additional 15 hours of basic procedures to fulfill OREA requirements. This course also applies to the educational requirements for the California DRE real estate broker’s and real estate salesperson’s license. With a focus on single-family residential property, students have an opportunity to learn the basic appraisal principles and influences in real estate valuation. Students also have an opportunity to learn the skills for gathering information to form an opinion based on reasoned judgment of the value of real estate. Acceptable for credit: California State University

RLST 095A REAL ESTATE FINANCE
3 units
Lecture 3 units; lab 0 units
Advisory: RLST 090
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. Acceptable for credit: California State University

WEST VALLEY COLLEGE
2017 • 2018 CATALOG

- **PREREQUISITES AND COREQUISITES** are MANDATORY. See page 5 for specific information.
- **Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.**
- **ADVISORY is a recommended preparation, NOT a REQUIREMENT.**
- **This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog**
**RLST 096A REAL ESTATE INVESTMENT I**

3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: California State University  
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 apartments, multi-residential, commercial, industrial, professional, recreational, condominiums and special purpose properties, and the effects of inflation, depreciation, taxes, tax-deferred exchanges, real estate cycles, growth patterns, risk and liquidity on the total real estate investment. The student also studies 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. Pass/No Pass Option

**RLST 099 PROPERTY MANAGEMENT**

3 units  
Lecture 3 units; lab 0 units  
Advisory: RLST 090  
Acceptable for credit: California State University  
Students in this class study 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 examination; 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.

---

**Chemistry**

**The FACULTY**

Glenn Eldridge  
Blaine Harrison  
Susan Weiner

DIVISION: Science and Mathematics  
DIVISION CHAIR: Roberta Berlani  
DEPARTMENT CHAIR: Blaine Harrison  
PHONE: 408-741-4017  
EMAIL: blaine.harrison@westvalley.edu

**The Chemistry Program at West Valley College consist of:**

- A series of chemistry courses designed to meet transfer requirements for physical and biological science majors.
- A series of courses designed for students majoring in fields other than chemistry, biology or physical science.
- A course designed specifically for students who require preparation or review of the more basic chemical concepts. All chemistry courses at West Valley College (with the exception of CHEM 050) include a practical component where students conduct hands-on chemical experiments in a modern, well-equipped laboratory.

**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.

**Highlights:**

- An outstanding chemistry faculty striving to maintain a competitive and well respected chemistry program.
- Ready availability of Instructors to students both inside the classrooms and laboratories, as well as during office hours.

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

---

**CHEM 001A GENERAL CHEMISTRY**

5 units  
Lecture 4 units; lab 1 unit  
Prerequisite: MATH 106 or MATH 106R or qualifying score on math placement test with proof of Algebra II, and CHEM 002 or 1 year high school chemistry  
Acceptable for credit: University of California, California State University  
C-ID CHEM 110, C-ID CHEM 120S  
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.

**CHEM 001B GENERAL CHEMISTRY**

5 units  
Lecture 4 units; lab 1 unit  
Prerequisite: CHEM 001A  
Acceptable for credit: University of California, California State University  
C-ID CHEM 120S  
This course is a continuation of Chem 001A. The units of study will include solution equilibria, electrochemistry, thermodynamics, coordination compounds, and kinetics. The laboratory will consist of qualitative analysis of cations and anions and the synthesis of some specific compounds.

**CHEM 002 INTRODUCTORY CHEMISTRY**

4 units  
Lecture 3 units; lab 1 unit  
Prerequisite: MATH 106 or MATH 106R or qualifying score on math placement test and proof of Algebra II  
Acceptable for credit: University of California, California State University  
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, and solution chemistry. The course stresses problem solving and is designed specifically to prepare the student for Chemistry 001A.

**CHEM 012A ORGANIC CHEMISTRY**

5 units  
Lecture 3 units; lab 2 units  
Prerequisite: CHEM 001B  
Acceptable for credit: University of California, California State University  
This course focuses on the fundamentals of organic chemistry with emphasis on understanding concepts. Modern laboratory techniques, including instrumental methods. Recommended for chemistry majors, chemical engineering majors, most biology majors, and for pharmacy, pre-medical and pre-dental students.
CHEM 012B ORGANIC CHEMISTRY
5 units
Lecture 3 units; lab 2 units
Prerequisite: CHEM 012A
Acceptable for credit: University of California, California State University
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.

CHEM 030A FUNDAMENTALS OF CHEMISTRY
4 units
Lecture 3 units; lab 1 unit
Prerequisite: MATH 105 or MATH 106R or Qualifying score on math placement test and proof of Algebra II
Acceptable for credit: University of California, California State University
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.

CHEM 030B FUNDAMENTALS OF CHEMISTRY
3 units
Lecture 2 units; lab 1 unit
Prerequisite: CHEM 030A or CHEM 002
Acceptable for credit: University of California, California State University
This course is a continuation of Chemistry 30A with emphasis in fields of organic and introductory biochemistry.

CHEM 050 CHEMICAL SKILLS
1 unit
Lecture 0 units; lab 1 unit
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 electron configurations, dimensional analysis, chemical formulas, chemical equations, stoichiometric calculations, solutions, gas laws, calorimetry, molecular geometry, oxidation-reduction, net ionic equations, intermolecular forces, equilibrium. Pass/No Pass Option

CHEM 161 WATER TREATMENT II
3 units
Lecture 3 units; lab 0 unit
Advisory: CHEM 002, ENGR 010 and PHYS 001
Acceptable for credit: California State University
This course covers water resources, water quality, unit operations of advanced water treatment systems, public health, water chemistry microbiology, and fluoridation. It is designed to prepare students for T2 Water Treatment Operator’s Certificate examinations required by the California Department of Public Health.

Child Studies

THE FACULTY
Leslie Hotta
Terry Shue
Katherine Moore-Wines

DIVISION
Professional Studies

DIVISION CHAIR
Jim Henderson

DEPARTMENT CHAIR
Katherine Moore-Wines

PHONE
408-741-4601

EMAIL
katherine.moore-wines@westvalley.edu

COUNSELING
408-741-2009, 408-741-2098

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

CHILD STUDIES
Two certificates and 3 degrees (ECE AS degree, AS-T ECE, and AA-T Elementary Teacher Education) 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.

ASSOCIATE IN SCIENCE IN EARLY CHILDHOOD EDUCATION FOR TRANSFER DEGREE (A.S.-T in Early Childhood Education)
The Associate in Science in Early Childhood Education for Transfer degree (AS-T in Early Childhood Education) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Child Development. 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:
- 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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

After completing an A.S.-T in Early Childhood Education, 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.
- Design, implement, and evaluate environments and activities that support positive, developmentally appropriate, and learning outcomes for all 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.

Required Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHS 001</td>
<td>3</td>
</tr>
<tr>
<td>CHS 002</td>
<td>3</td>
</tr>
<tr>
<td>CHS 005</td>
<td>3</td>
</tr>
<tr>
<td>CHS 035</td>
<td>3</td>
</tr>
<tr>
<td>CHS 063</td>
<td>3</td>
</tr>
<tr>
<td>CHS 066</td>
<td>3</td>
</tr>
<tr>
<td>CHS 080</td>
<td>3</td>
</tr>
<tr>
<td>CHS 087</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units: 24

GE Units (CSU GE or IGETC): 37-39

Total Degree Units: 60

For crosswalk of new subject codes, see page 39

EARLY CHILDHOOD EDUCATION
A.S. Degree
Early Childhood Education is a vital component to our local, state, and national system of care and education for young children and offers many exciting career opportunities. The Associate in Science in Early Childhood Education is designed to prepare students to qualify for a variety of permits issued by the Teacher Credentialing, State of California. These permits 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:
- Assistant Teacher
- Teacher
- Master Teacher
- Site Supervisor
- Parent Educator
- Program Director
- Early Intervention Assistant

After completing an Early Childhood Education A.S. Degree, 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.

Required courses (24 units):

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHS 001</td>
<td>3</td>
</tr>
</tbody>
</table>

This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog.
In addition, it also satisfies the Department of Social Services Title 22 Community Care Licensing requirements for qualified pre-school teachers in a licensed early childhood program.

After completing an Early Childhood Education Certificate of Achievement, a student will be able to:

- Design developmentally appropriate curriculum and environments using child development theory, observations of children, and health and safety standards.
- Establish and maintain collaborative partnerships with children, families, colleagues, and the community.
- Apply ethical guidelines and advocacy skills to maintain standards of high quality care and education of young children.
- Apply for and receive one of the permits from the California Department of Education Child Development Teacher Permit Matrix.

**Required Courses (24 units):**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHS 001</td>
<td></td>
</tr>
<tr>
<td>CHS 002</td>
<td></td>
</tr>
<tr>
<td>CHS 005</td>
<td></td>
</tr>
<tr>
<td>CHS 035</td>
<td></td>
</tr>
<tr>
<td>CHS 063</td>
<td></td>
</tr>
<tr>
<td>CHS 064</td>
<td></td>
</tr>
<tr>
<td>CHS 065</td>
<td></td>
</tr>
<tr>
<td>CHS 066</td>
<td></td>
</tr>
<tr>
<td>CHS 067</td>
<td></td>
</tr>
<tr>
<td>CHS 068</td>
<td></td>
</tr>
<tr>
<td>CHS 069</td>
<td></td>
</tr>
<tr>
<td>CHS 080</td>
<td></td>
</tr>
<tr>
<td>CHS 083</td>
<td></td>
</tr>
<tr>
<td>CHS 084</td>
<td></td>
</tr>
<tr>
<td>CHS 085</td>
<td></td>
</tr>
<tr>
<td>CHS 086</td>
<td></td>
</tr>
<tr>
<td>CHS 087</td>
<td></td>
</tr>
<tr>
<td>CHS 088</td>
<td></td>
</tr>
</tbody>
</table>

**Electives Courses - Complete six units from the following list:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHS 053</td>
<td></td>
</tr>
<tr>
<td>CHS 058</td>
<td></td>
</tr>
<tr>
<td>CHS 059</td>
<td></td>
</tr>
<tr>
<td>CHS 060</td>
<td></td>
</tr>
<tr>
<td>CHS 067</td>
<td></td>
</tr>
<tr>
<td>CHS 070</td>
<td></td>
</tr>
<tr>
<td>CHS 083</td>
<td></td>
</tr>
<tr>
<td>CHS 084</td>
<td></td>
</tr>
<tr>
<td>CHS 086</td>
<td></td>
</tr>
<tr>
<td>CHS 088</td>
<td></td>
</tr>
<tr>
<td>CHS 088A</td>
<td></td>
</tr>
</tbody>
</table>

**Total Certificate Units:** 12

**Total Degree Units:** 61

**Required Core Courses: 12 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHS 064</td>
<td></td>
</tr>
<tr>
<td>CHS 065</td>
<td></td>
</tr>
<tr>
<td>CHS 085</td>
<td></td>
</tr>
<tr>
<td>CHS 086</td>
<td></td>
</tr>
</tbody>
</table>

**Course substitution and waivers**

Course substitution and waivers are approved by the department upon review of transcripts, course description, and evidence of proficiency in the subject matter.

For crosswalk of new subject codes, see page 39

---

### CHST 001 PRINCIPLES & PRACTICES OF TEACHING YOUNG CHILDREN

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: California State University

C-ID ECE 120

This course examines the underlying theoretical and practical principles of developmentally appropriate practices applied to programs and environments. Emphasis is on the 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 and the evolution of the professional practices promoting advocacy, ethics, and professional identity. Pass/No Pass Option

### CHST 002 CHILD GROWTH AND DEVELOPMENT

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

C-ID CDEV 100

This course provides an introduction to human growth and development from conception to late childhood and early adolescence. The course covers biological, psychological, and social issues important to the development of young children. The course also emphasizes the importance of human development and the environment on the development of children. The course includes theories of development; development of the child. Topics discussed include theories of development; developmental and cultural contexts; heredity; societal influences; and interaction with the environment are discussed. Observation of children is required. Pass/No Pass Option
CHST 005 DIVERSITY: CHILDHOOD AND CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID ECE 230
This course examines the development of social identities in diverse societies including theoretical and practical implications affecting young children, families, programs, teaching, education and schooling. Culturally relevant and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society are covered. This course also involves self-reflection of one's own understanding of educational principles in integrating anti-goals in order to better inform teaching practices and/or program development. Pass/No Pass Option

CHST 033A FAMILY DEVELOPMENT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
The course teaches a strength-based approach to interviewing families, assessing and building family communication skills, assessing and connecting families with community resources within a framework of cultural competency. This course prepares students to work with children and families in a variety of settings such as community based organizations and larger social service or educational agencies. It is recommended for students interested in working in Social Services, Health Services and Education settings that require skills in family assessment, intervention and referral. Pass/No Pass Option

CHST 033B FAMILY DEVELOPMENT
3 units
Lecture 3 units; lab 0 units
Prerequisite: CHST 033A
Acceptable for credit: California State University
This course builds upon the skills learned in the Family Development CHS 33A course. This course provides advanced skills to students interested in working in Social Services, Health Services and Education settings that require skills in family assessment, intervention and referral. The course teaches a strength-based approach to interviewing families, assessing and building family communication skills, assessing and connecting families with community resources within a framework of cultural competency. This course prepares students to work with children and families in a variety of settings such as community based organizations and larger social service or educational agencies. Pass/No Pass Option

CHST 034A INTRODUCTION TO THE CHILD WITH SPECIAL NEEDS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course is designed for students who are considering a career in special education or desire to work with children and families with special needs. This course provides an overview of common disabilities of children and the impact on families. Educational issues, techniques, methods of intervention and case management are explored. An examination of public law, the Individuals with Disabilities Act (IDEA), and the development of the Individual Family Services Plan (IFSP) and Individual Educational Plan (IEP) are included. Teaching practices and philosophies of inclusion in child development programs and schools are discussed and adaptations and intervention methods designed. Observation of children is required. Pass/No Pass Option

CHST 035 PRACTICUM IN EARLY CHILDHOOD EDUCATION
3 units
Lecture 3 units; lab 0 units
Prerequisite: CHST 001 and CHST 002 and CHST 083 and CHST 080
Corequisite: WRKX 302
Acceptable for credit: California State University
C-ID ECE 210
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 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 design, implement, and evaluate experiences that promote positive development and learning for all young children. Students may be placed in the 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. Pass/No Pass Option

CHST 053 CONTEMPORARY EDUCATION IN A CHANGING SOCIETY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course focuses on American Education and its policies with an international perspective including its 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. Pass/No Pass Option

CHST 055 LANGUAGE AND LITERACY DEVELOPMENT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course explores the young child’s speech and language development including 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. Pass/No Pass Option

CHST 059 MUSIC AND MOVEMENT FOR YOUNG CHILDREN
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course presents an overview of developmentally appropriate music and movement experiences for young children from birth through age 8. Topics include 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 development, cultural influences, integrating music and movement into other curricular areas, and leading games and circle time. Pass/No Pass Option

CHST 060 CHILDREN’S WAYS OF THINKING AND KNOWING
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course provides an examination of cognitive development in young children. It emphasizes developmentally appropriate learning experiences which enhances the child’s thinking and understanding of the physical and social world. Brain development; developing social knowledge; implications of Piaget’s and Vygotsky’s theory of constructivism; teacher-learner interactions; scaffold; learning styles; and implementing learning experiences are discussed. Students use children’s play in early childhood and school-age settings as the basis for course observations, discussions, and designing and implementing learning experiences for young children. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog.
CHST 063 CHILD, FAMILY, AND COMMUNITY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University C-ID CDEV 110
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. Pass/No Pass Option

CHST 064 SUPERVISION AND ADMINISTRATION I: CENTER MANAGEMENT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course is an in-depth study of 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 regulations, administrative structure and governance, budgeting, staff selection, program operation, policies and procedures, marketing, program assessment, and professional advocacy. Pass/No Pass Option

CHST 065 SUPERVISION AND ADMINISTRATION II: PEOPLE AND PROCESSES
3 units
Lecture 3 units; lab 0 units
Advisory: CHST 064
Acceptable for credit: California State University
This course 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. Pass/No Pass Option

CHST 066 CHILD SAFETY, HEALTH AND NUTRITION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University C-ID ECE 220
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. Pass/No Pass Option

CHST 067 CREATIVE ART EXPERIENCES & DEVELOPMENT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course explores factors that affect the development of creative art expression and aesthetics in children. 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. Pass/No Pass Option

CHST 070 INFANT/TODDLER DEVELOPMENT & CARE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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 observation of individual infants and the application of theories to practical implementation. This course fulfills state requirements for infant/toddler care. Pass/No Pass Option

CHST 080 INTRODUCTION TO CURRICULUM
3 units
Lecture 3 units; lab 0 units
Prerequisites: CHST 002 and CHST 063
Acceptable for credit: California State University C-ID ECE 130
This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 6. Students examine a teacher’s role in supporting development and engagement for all young children. This course provides strategies for developmentally-appropriate practice based on observation and assessments across the curriculum, including 1) academic content areas, 2) play, art, and creativity, and 3) development of social-emotional, communication, and cognitive skills. Pass/No Pass Option

CHST 085 ADULT SUPERVISION IN EARLY CHILDHOOD PROGRAMS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
CHST 086 TECHNOLOGY FOR ADMINISTRATORS AND TEACHERS IN EARLY CHILDHOOD EDUCATION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course offers a comprehensive survey of the ways technology can facilitate the operational functions of administrators and teachers in an early childhood program. Collecting and storing information, communication technologies such as EMAIL, voice mail, web site home page, and Internet options as well as video and photo documentation are examined. Innovative uses of technology and the role of documentation and visual presentation in the planning and evaluating of early childhood programs are explored. Pass/No Pass Option

CHST 087 OBSERVATION AND ASSESSMENT
3 units
Lecture 2.5 units; lab 0.5 units
Prerequisites: CHST 002 and CHST 063
Acceptable for credit: California State University C-ID ECE 200
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. Recording strategies, rating systems, portfolios, and multiple assessment methods are explored. Pass/No Pass Option

CHST 088 EARLY CHILDHOOD ENVIRONMENTS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course explores the latest concepts in creating and implementing indoor and outdoor early childhood environments which meet the developmental needs and interests of young children. Discussion of research, theory, and practice of environmental requirements for children’s optimal growth and well-being include: facility and assessment of child space; elements of developmentally appropriate settings; use of color, light, sound, texture, surfaces, and finishes; definition of space and creative ways to transform difficult spaces; designing spaces to create ambiance, organizational climate and work flow and to support collaboration of children, families, teachers, and other professionals in curriculum planning and implementation. Pass/No Pass Option

CHST 088A THE OUTDOOR ENVIRONMENT
1 unit
Lecture 1 unit; lab 0 units
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 and offer many opportunities for children to explore, create, discover, and learn. Topics include playground design, enhancing outside play and learning opportunities, daily routines that support active participation in the outdoor environment, teacher and parent education, and curriculum planning. Pass/No Pass Option

Chinese
(See World Languages)

Communication Studies

THE FACULTY
John Hannigan
Meg Farrell
Michelle Zajac

DIVISION Language Arts
DIVISION CHAIR Leigh Burrill
DEPARTMENT CHAIR John Hannigan
PHONE 408-741-2629
EMAIL john.hannigan@westvalley.edu
COUNSELING 408-741-2009

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. Their six-course curriculum bridges theoretical concepts with lived experiences, creating a personalized educational journey.

Highlights
• An exemplary teaching faculty dedicated to assisting students to improve their communication effectiveness
• Course offerings in fulfillment of AA degree, AA-T degree, IGTEC and CSU oral transfer requirements
• State of the art public speaking facilities providing students with access to presentation technologies
• Evening and online class offerings

Career Options
• Consulting
• Corporate training
• Education
• Marketing and sales
• Mass media
• Mediation
• Political and social service
• Public relations

Degree
A.A., Communication Studies, Communication Studies A.A.-T

COMMUNICATION STUDIES: For transfer information see assist.org and/or consult with a counselor.
For information on Associate in Arts for Transfer or Associate in Science for Transfer degrees, please go to westvalley.edu/catalog/.

ASSOCIATE IN ARTS IN COMMUNICATION STUDIES FOR TRANSFER DEGREE (A.A.-T in Communication Studies)
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 who complete the Associate in Arts in Communication Studies for Transfer degree (AA-T in Communication Studies) will be able to identify and explain concepts and theories of human communication, demonstrate effective communication skills in a variety of settings, and report an increased in communication competency.
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
COMM 010 PERSUASIVE SPEAKING
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 905
Advisory: READ 053
Acceptable for credit: University of California, California State University
C-ID COMM 190
This communication studies course offers students the opportunity to examine historical and contemporary approaches to persuasive messages throughout time. It focuses on the presentation of persuasive appeals, and learning to construct, deliver, critique, and analytically evaluate persuasive messages in a variety of contexts. This course includes preparing, outlining, and presenting at least two extemporaneous oral persuasive speeches that are given in the physical presence of other listeners. This course also includes a project that analyzes persuasive messages with a presentation of findings component.

COMM 010H HONORS PERSUASIVE SPEAKING
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 905
Advisory: READ 053
Acceptable for credit: University of California, California State University
C-ID COMM 190
This communication studies course offers students the opportunity to examine historical and contemporary approaches to persuasive messages throughout time. It focuses on the presentation of persuasive appeals, and learning to construct, deliver, critique, and analytically evaluate persuasive messages in a variety of contexts. This course includes preparing, outlining, and presenting at least two extemporaneous oral persuasive speeches that are given in the physical presence of other listeners. This course also includes a project that analyzes persuasive messages with a presentation of findings component. Honors Persuasive 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.

COMM 012 INTERCULTURAL COMMUNICATION
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 905
Advisory: READ 053
Acceptable for credit: University of California, California State University
C-ID COMM 150
This course highlights the importance of culture and how it creates communication in global and/or domestic contexts. The emphasis is on the influence of cultures, languages, 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.

COMM 020 ARGUMENTATION AND DEBATE
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 905 or qualifying assessment score
Acceptable for credit: University of California, California State University
C-ID COMM 120
This course emphasizes the basic principles of classical and dialogical debate structures, critical inquiry, argument and advocacy. It includes identifying fallacies in reasoning and language, testing evidence and evidence sources. It also includes the process of brief preparation, rhetorical theory, advancing a reasoned position while effectively presenting and defending those positions. Analysis, presentation, and evaluation of oral and written arguments. Presenting two or more oral debates in the physical presence of other listeners.

Computer Aided Drafting and Design
(See Interior Design)

Computer Applications
(for courses formerly housed in Computer Applications, see Business Administration (BUSN, 42, 44, 46, 47))

Computer Information Systems

THE FACULTY
Fred George
DMISION Professional Studies
DMISION CHAIR Jim Henderson
DEPARTMENT CHAIR Fred George
PHONE 408-741-2428
EMAIL fred.george@westvalley.edu
COUNSELING 408-741-2009

The CIS Department at West Valley College offers a complete computer curriculum using state-of-the-art computing equipment. The West Valley counselors will aid in choosing the option that best meets the student’s needs.

The following is an outline of the REQUIRED and RECOMMENDED courses in Certificate Programs. Many programs are based on prior completion of PREREQUISITES. Certificates are awarded upon the recommendation of the individual departments. Consult your catalog and see a counselor for clarification and further information.

COMPUTER AND INFORMATION SYSTEMS:
For transfer information see assist.org and/or consult with a counselor.

CIS: COMPUTER SCIENCE
(Certificate of Achievement)
Upon completion of the Certificate in Computer Information Systems: Computer Science, students will demonstrate ability to design, implement, test and debug simple Java or C++ programs in an object-oriented programming language.

The certificate is designed for those students who have a desire to pursue a career in computer science and programming.

After completing the CIS: Computer Science certificate, a student will be able to:

- Design, implement, test and debug simple programs in an object oriented programming language.

Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 004A</td>
<td>Computer Programming I (C++) Language</td>
</tr>
<tr>
<td>CIS 004B</td>
<td>Computer Programming II (C++) Language</td>
</tr>
<tr>
<td>CIS 04A</td>
<td>Computer Programming I (Java)</td>
</tr>
<tr>
<td>CIS 04B1</td>
<td>Computer Programming II (Java)</td>
</tr>
<tr>
<td>CIS 037</td>
<td>C Programming</td>
</tr>
<tr>
<td>CIS 039</td>
<td>Microcomputer Assembler Programming</td>
</tr>
<tr>
<td>MATH 019</td>
<td>Discrete Mathematics</td>
</tr>
</tbody>
</table>

Total Units 18

For crosswalk of new subject codes, see page 39

- **PREREQUISITES and COREQUISITES** are MANDATORY. See page 5 for specific information.
- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
- **ADVISORY** is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
CIST 002 INTRODUCTION TO COMPUTING  
4 units  
Lecture 4 units; lab 0 units  
Advisory: MATH 106 or MATH 106R  
Acceptable for credit: University of California, California State University  
C-ID BUS 140  
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. The course is recommended for students who need to complete a computing course requirement for transfer to a four-year business program. Examination of information systems and their role in business. Focus on information systems, database management systems, networking, e-commerce, ethics and security, computer systems hardware and software components. Application of these concepts and methods through hands-on projects developing computer-based solutions to business problems. Pass/No Pass Option

CIST 004A COMPUTER PROGRAMMING I (C++ LANGUAGE)  
4 units  
Lecture 4 units; lab 0 units  
Advisory: MATH 106 or MATH 106R  
Acceptable for credit: University of California, California State University  
C-ID COMP 122  
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 objects, classes, methods and argument passing, control structures, and iteration. Students have the opportunity to learn programming and documentation skills, algorithmic problem-solving, programming methodologies, and to write small to medium-sized programs. Pass/No Pass Option

CIST 004B COMPUTER PROGRAMMING II (C++ LANGUAGE)  
4 units  
Lecture 4 units; lab 0 units  
Prerequisite: CIST 004A  
Advisory: MATH 106 or MATH 106R  
Acceptable for credit: University of California, California State University  
C-ID COMP 132  
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++. Pass/No Pass Option

CIST 004A1 COMPUTER PROGRAMMING I (JAVA)  
4 units  
Lecture 4 units; lab 0 units  
Advisory: MATH 106 or MATH 106R  
Acceptable for credit: University of California, California State University  
C-ID COMP 122  
CIST 004A1 focuses on the Java programming language. Emphasis is on good programming style, object-oriented design, decomposition, encapsulation, abstraction, and testing. Example topics include objects, classes, methods and argument passing, control structures, and iteration. Students have the opportunity to learn programming and documentation skills, algorithmic problem-solving, programming methodologies, and to write small to medium-sized programs. Pass/No Pass Option

CIST 004B1 COMPUTER PROGRAMMING II (JAVA)  
4 units  
Lecture 4 units; lab 0 units  
Prerequisite: CIST 004A1  
Advisory: MATH 106 or MATH 106R  
Acceptable for credit: University of California, California State University  
C-ID COMP 132  
This course is a continuation of CIST 004A1 (Computer Programming I (Java)) expanding on concepts of Java classes, interfaces, and inheritance. Topics in abstract data types, basic data structures, and sorting/searching algorithms are introduced. Additional topics include exceptions, I/O streams and other software engineering concepts. The course includes both lecture and programming in Java. Pass/No Pass Option

CIST 037 C PROGRAMMING  
3 units  
Lecture 3 units; lab 0 units  
Advisory: MATH 106 or MATH 106R  
Acceptable for credit: University of California, California State University  
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.

CIST 37.6 iPHONE AND MACINTOSH APPLICATION PROGRAMMING  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: California State University  
Programming Apple OS applications in Cocoa is explored in this course. Using an object-oriented paradigm, Cocoa builds graphical-user interface applications to run within the Apple Macintosh operating system. Cocoa relies upon object-oriented concepts: Objects, Classes, Methods, and Messages as well as the collection of classes called Frameworks. Students in this class begin their work on simple applications and, by adding features and refinements create more advanced applications. Pass/No Pass Option

CIST 039 MICROCOMPUTER ASSEMBLER PROGRAMMING  
3 units  
Lecture 3 units; lab 0 units  
Advisory: MATH 106 or MATH 106R  
Acceptable for credit: University of California, California State University  
This course is designed to teach students how to write assembly language for Intel/DOS-compatible personal computers. It emphasizes fundamentals of computer operation. Also functions not readily apparent when using a high-level language, such as storage registers, binary arithmetic, and data representation, are of particular importance in this course. Programming assignments for this course use the instruction set developed for the Intel 80 x 86 and related microprocessors.

Recommended Preparations in Basic Skills:  
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Lecture</th>
<th>Lab</th>
<th>Acceptable for Credit</th>
<th>Prerequisite/Drop-Down Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUN 002</td>
<td>ACADEMIC &amp; PERSONAL PLANNING</td>
<td>1 unit</td>
<td>1</td>
<td>0</td>
<td>CSU GE</td>
<td></td>
</tr>
<tr>
<td>COUN 005</td>
<td>COLLEGE SUCCESS</td>
<td>3 units</td>
<td>3</td>
<td>0</td>
<td>CSU GE</td>
<td></td>
</tr>
<tr>
<td>COUN 012</td>
<td>CAREERS AND LIFE STYLES</td>
<td>3 units</td>
<td>3</td>
<td>0</td>
<td>CSU GE</td>
<td></td>
</tr>
<tr>
<td>COUN 024</td>
<td>PERSONAL GROWTH</td>
<td>3 units</td>
<td>3</td>
<td>0</td>
<td>CSU GE</td>
<td></td>
</tr>
</tbody>
</table>

**Learning Outcomes Courses**

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

- Identify and apply personal values and careers?
- Identify strategies for making wise choices.
- Identify strategies for making wise choices.
- Identify strategies for making wise choices.

**Learning Outcomes Services**

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.

**COUN 002A ORIENTATION**

0.5 unit
Lecture 0.5 units; lab 0 units
This course is designed to equip students with basic survival tools for college. The course includes an overview of West Valley College programs and services, including: rules and regulations, basic skills assessment, an overview of general education requirements for transfer and graduation, an introduction to the registration process, and educational planning. Pass/No Pass Only.

**COUN 002B ORIENTATION**

0.5 unit
Lecture 0.5 units; lab 0 units
This course provides practice step-by-step instructions, techniques, and strategies for planning and organizing an effective job search. Emphasis is on developing strategies to deal with job market issues, job market research, employer contact, resumes and application, job interviews, and the world of work. Utilizing online tools is also covered.

**PREREQUISITES AND COREQUISITES** are MANDATORY. See page 5 for specific information.

- ADVISORY is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
### Court Reporting and Related Technologies

#### The Faculty

Margaret Ortiz

#### Division

Professional Studies

#### Division Chair

Jim Henderson

#### Department Chair

Margaret Ortiz

#### Phone

408-741-2559

#### Email

margaret.ortiz@westvalley.edu

#### Counseling

408-741-2098

The Court Reporting and Related Technologies 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.

#### Career Options

- Official Court Reporter
- Deposition Reporter
- Broadcast Reporter
- CART Provider (Communication Access Realtime Translation) for the deaf and hard-of-hearing
- Legal, Medical, and General Transcriptionist
- Scopist and/or proofreader assisting court reporters

#### Certificates

- Court Reporting
- Educational Captioning
- Scoping and Proofreading
- Transcription Technology and Office Support

"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 220, SACRAMENTO, CA 95833, (916) 863-3664".

#### Court Reporting

Certificate of Achievement

The Court Reporting Certificate of Achievement is intended to provide the required academic knowledge, proficiency, and work experience to individuals pursuing careers as educational captioners, also known as Communication Access Realtime Translation providers. Students will be given the opportunity to gain the skills necessary to stenographically write. This certificate includes courses required to qualify students to write accurate real-time translation of the spoken word in courtroom and meeting settings. This certificate has an academic captioning focus including appropriate procedures for the educational captioner and coverage of ethical issues facing educational captioners. After completing this certificate, students will be able to:

- Demonstrate proficiency in industry-standard computer-aided software to produce accurate transcripts of legal, medical, and general live and audio-recorded material.
- Write legal, medical, and general subject matter, stenographically, a minimum of 120 words per minute on a machine writer.
- Demonstrate proficiency in Microsoft Word to provide entry-level office support and to import/produce accurate transcripts of legal, medical, and general live and audio-recorded material.
- Demonstrate recognition of and correct spelling of legal and medical terminology and English vocabulary.
- Demonstrate proficiency in Excel to create spreadsheets, enter data, and construct basic formulas.
- Demonstrate understanding of entry-level office support within various business environments, including, but not limited to, law firms and deposition firms.
- Demonstrate basic software competency in Microsoft Word and Excel.

#### Required Core Courses: 26 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTR 014 Introduction to the Legal Record: Multiple Attorney/Witness Focus</td>
<td>6.5</td>
</tr>
<tr>
<td>ENGL 001A English Composition</td>
<td>3</td>
</tr>
<tr>
<td>CTR 016 Mastering the Legal Record: Complex Data Formatting Focus</td>
<td>6.5</td>
</tr>
<tr>
<td>CTR 34A Medical Dictation for the Court Reporter</td>
<td>1.5</td>
</tr>
<tr>
<td>CTR 018 Mastering the Legal Record: Realtime Skills/Captioning Focus</td>
<td>6.5</td>
</tr>
<tr>
<td>CTR 030B Realtime and Computer-Aided Legal</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total Certificate Units**: 26

A Certificate of Achievement in Educational Captioning can be earned by students who have completed all required courses with at least a grade of “C” or “Pass”. Before beginning any court reporting or related technology program, the student should have keyboarding skills of at least 45 words per minute. The Computer Applications program offers keyboarding classes. For crosswalk of new subject codes, see page 39

#### Transcription Technology and Office Support

Certificate of Achievement

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. After completing the certificate in Transcription Technology and Office Support, students should be able to:

- Demonstrate proficiency in industry-standard computer-aided software to produce accurate transcripts of legal, medical, and general live and audio-recorded material.
- Write legal, medical, and general subject matter, stenographically, a minimum of 120 words per minute on a machine writer.
- Demonstrate proficiency in Microsoft Word to provide entry-level office support and to import/produce accurate transcripts of legal, medical, and general live and audio-recorded material.
- Demonstrate recognition of and correct spelling of legal and medical terminology and English vocabulary.
- Demonstrate proficiency in Excel to create spreadsheets, enter data, and construct basic formulas.
- Demonstrate understanding of entry-level office support within various business environments, including, but not limited to, law firms and deposition firms.
- Demonstrate basic software competency in Microsoft Word and Excel.

#### Required Core Courses: 29 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTR 010 Introduction to the Legal Record: Question and Answer Testimony</td>
<td>6.5</td>
</tr>
<tr>
<td>AJ 003 Principles &amp; Procedures of the Justice OR</td>
<td>3</td>
</tr>
<tr>
<td>AJ 001 Introduction to Administration of Justice OR</td>
<td>3</td>
</tr>
<tr>
<td>CTR 012 Introduction to the Legal Record: Multiple Attorney Focus</td>
<td>6.5</td>
</tr>
<tr>
<td>PARA 021 Introduction to American Law</td>
<td>3</td>
</tr>
<tr>
<td>BUS 028 Business Law</td>
<td>3</td>
</tr>
<tr>
<td>BUS 042 Beginning Microsoft Word Documents</td>
<td>1</td>
</tr>
<tr>
<td>BUS 046 Excelling With Excel</td>
<td>3</td>
</tr>
<tr>
<td>HITECH 005 Basic Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>PARA 065B Microsoft Word for the Law Office 3</td>
<td>OR</td>
</tr>
</tbody>
</table>

**Total Certificate Units**: 26

Recommended Preparations in Basic Skills

Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
A Certificate of Achievement in Transcription Technology and Office Support can be earned by students who have completed all required courses with at least a grade of "C" or "Pass". Before beginning any Court Reporting or Related Technology program, the student should have keyboarding skills of at least 45 words per minute; the Computer Applications program offers keyboarding classes.

For crosswalk of new subject codes, see page 39

SCOPING AND PROOFREADING
Certificate of Achievement

The Scoping and Proofreading certificate is designed to provide relevant skills to individuals pursuing careers assisting court reporters in the production of certified transcripts of legal proceedings using specialized computer-aided transcription software. Courses are also designed to provide general proofreading skills required for employment outside of the legal environment.

After completing this certificate, students will be able to:

• Attain fluency in reading and translating stenographic theory language.
• Apply correct punctuation, English, medical and legal terminology in finalizing verbatim transcripts of legal and other proceedings.
• Attain proficiency in the practice of computer-aided transcription software for aiding in the production of court reporting transcripts.
• Write stenographically at a minimum of 80 words per minute on a machine writer.
• Apply industry-standard techniques of document preparation including formatting of various types of documents.
• Recognize homonyms and apply correct spelling within context.

Required Core Courses: 35 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTRP 007A COURT REPORTING THEORY I</td>
<td>5 units</td>
</tr>
<tr>
<td>READ 053 Critical and Efficient Reading</td>
<td>3 units</td>
</tr>
<tr>
<td>ENGL 905 English Fundamentals-A Preparatory</td>
<td>3 units</td>
</tr>
<tr>
<td>CTR 007B Court Reporting Theory II</td>
<td>5 units</td>
</tr>
<tr>
<td>CTR 026 Adv English &amp; Office Practices for CTR</td>
<td>3 units</td>
</tr>
<tr>
<td>CTR 007C Court Reporting Theory III</td>
<td>5 units</td>
</tr>
<tr>
<td>CTR 030A Realtime and Computer-Aided Basic</td>
<td>2 units</td>
</tr>
<tr>
<td>CTR 008 Introduction to the Legal Record: Jury Charge/Literary Focus</td>
<td>6.5 units</td>
</tr>
<tr>
<td>CTR 028A Computer Aided Transcription</td>
<td>2.5 units</td>
</tr>
</tbody>
</table>

Total Certificate Units 35

A Certificate of Achievement as a Scoping and Proofreading can be earned by students who have completed all required courses with at least a grade of "C" or "Pass".

For crosswalk of new subject codes, see page 39

---

**Course Units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTRP 007A COURT REPORTING THEORY I</td>
<td>5 units</td>
</tr>
<tr>
<td>Lecture 3 units; lab 2 units</td>
<td></td>
</tr>
<tr>
<td>Acceptable for credit: California State University</td>
<td></td>
</tr>
<tr>
<td>In this course, students have the opportunity to study and apply beginning-level computer-compatible stenographic theory language and concepts necessary to write and read back basic English vocabulary at 30 words per minute with 90 percent accuracy. Pass/No Pass Option</td>
<td></td>
</tr>
</tbody>
</table>

| CTRP 007B COURT REPORTING THEORY II | 5 units |
| Lecture 3 units; lab 2 units |
| Prerequisite: CTRP 007A |
| Acceptable for credit: California State University |
| In this course students have the opportunity to study and apply intermediate-level computer-compatible stenographic theory language and concepts necessary to refine machine shorthand skills at 60 words per minute with 97 percent accuracy. Pass/No Pass Option |

| CTRP 007C COURT REPORTING THEORY III | 5 units |
| Lecture 3 units; lab 2 units |
| Prerequisite: CTRP 007B |
| Acceptable for credit: California State University |
| In this course students have the opportunity to complete final theory textbook lessons and to attain a writing speed of 80 words per minute. Familiarization with transcript formatting requirements, effective practice techniques, professional communications etiquette and professional association support values is emphasized through a variety of assignments and class discussion. Pass/No Pass Option |

| CTRP 008 INTRODUCTION TO THE LEGAL RECORD: JURY CHARGE/LITERARY FOCUS | 6.5 units |
| Lecture 3 units; lab 3.5 units |
| Prerequisite: CTRP 007C |
| Acceptable for credit: California State University |
| In this course, students have the opportunity to attain a writing speed of 120 words per minute. Colloquy protocol, speaker identification, and transcription techniques are explained and applied. Familiarization with courtroom staff responsibilities and family and employment law terminology is emphasized through a variety of lecture, assignments and class discussion. One five-hour courtroom observation is required. Pass/No Pass Option |

| CTRP 010 INTRODUCTION TO THE LEGAL RECORD: MULTIPLE ATTORNEY/WITNESS FOCUS | 6.5 units |
| Lecture 3 units; lab 3.5 units |
| Prerequisite: CTRP 010 |
| Acceptable for credit: California State University |
| In this course, students have the opportunity to study and apply theory concepts to recognize and create stenographic outlines for standard legal terminology and phraseology necessary to attain a writing speed of 140 words per minute. Familiarization with courtroom observation is required. Pass/No Pass Option |

| CTRP 012 INTRODUCTION TO THE LEGAL RECORD: QUESTION AND ANSWER TESTIMONY | 6.5 units |
| Lecture 3 units; lab 3.5 units |
| Prerequisite: CTRP 008 |
| Acceptable for credit: California State University |
| In this course, students have the opportunity to study and apply theory concepts to recognize and create stenographic outlines for standard legal question and answer testimony terminology and phraseology necessary to attain a writing speed of 100 words per minute. Familiarization with transcript formatting requirements, effective practice techniques, professional communications etiquette and professional association support values is emphasized through a variety of assignments and class discussion. One five-hour observation is required. Pass/No Pass Option |

---

**Course Units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTRP 007A COURT REPORTING THEORY I</td>
<td>5 units</td>
</tr>
<tr>
<td>Lecture 3 units; lab 2 units</td>
<td></td>
</tr>
<tr>
<td>Acceptable for credit: California State University</td>
<td></td>
</tr>
<tr>
<td>In this course, students have the opportunity to study and apply beginning-level computer-compatible stenographic theory language and concepts necessary to write and read back basic English vocabulary at 30 words per minute with 90 percent accuracy. Pass/No Pass Option</td>
<td></td>
</tr>
</tbody>
</table>

| CTRP 007B COURT REPORTING THEORY II | 5 units |
| Lecture 3 units; lab 2 units |
| Prerequisite: CTRP 007A |
| Acceptable for credit: California State University |
| In this course students have the opportunity to study and apply intermediate-level computer-compatible stenographic theory language and concepts necessary to refine machine shorthand skills at 60 words per minute with 97 percent accuracy. Pass/No Pass Option |

| CTRP 007C COURT REPORTING THEORY III | 5 units |
| Lecture 3 units; lab 2 units |
| Prerequisite: CTRP 007B |
| Acceptable for credit: California State University |
| In this course students have the opportunity to complete final theory textbook lessons and to attain a writing speed of 80 words per minute. Familiarization with transcript formatting requirements, effective practice techniques, professional communications etiquette and professional association support values is emphasized through a variety of assignments and class discussion. Pass/No Pass Option |

| CTRP 008 INTRODUCTION TO THE LEGAL RECORD: JURY CHARGE/LITERARY FOCUS | 6.5 units |
| Lecture 3 units; lab 3.5 units |
| Prerequisite: CTRP 007C |
| Acceptable for credit: California State University |
| In this course, students have the opportunity to attain a writing speed of 120 words per minute. Colloquy protocol, speaker identification, and transcription techniques are explained and applied. Familiarization with courtroom staff responsibilities and family and employment law terminology is emphasized through a variety of lecture, assignments and class discussion. One five-hour courtroom observation is required. Pass/No Pass Option |

| CTRP 010 INTRODUCTION TO THE LEGAL RECORD: MULTIPLE ATTORNEY/WITNESS FOCUS | 6.5 units |
| Lecture 3 units; lab 3.5 units |
| Prerequisite: CTRP 010 |
| Acceptable for credit: California State University |
| In this course, students have the opportunity to study and apply theory concepts to recognize and create stenographic outlines for standard legal terminology and phraseology necessary to attain a writing speed of 140 words per minute. Familiarization with courtroom observation is required. Pass/No Pass Option |

| CTRP 012 INTRODUCTION TO THE LEGAL RECORD: QUESTION AND ANSWER TESTIMONY | 6.5 units |
| Lecture 3 units; lab 3.5 units |
| Prerequisite: CTRP 008 |
| Acceptable for credit: California State University |
| In this course, students have the opportunity to study and apply theory concepts to recognize and create stenographic outlines for standard legal question and answer testimony terminology and phraseology necessary to attain a writing speed of 100 words per minute. Familiarization with transcript formatting requirements, effective practice techniques, professional communications etiquette and professional association support values is emphasized through a variety of assignments and class discussion. One five-hour observation is required. Pass/No Pass Option |
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.

CTRP 016 MASTERING THE LEGAL RECORD: COMPLEX DATA FORMATTING FOCUS
6.5 units
Lecture 3 units; lab 3.5 units
Prerequisite: CTRP 014
Acceptable for credit: California State University
In this course, students have the opportunity to study and apply theory concepts to recognize and create stenographic outlines for intermediate-level legal terminology and phraseology necessary to attain a writing speed of 150 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 numerical 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. Pass/No Pass Option

CTRP 018 MASTERING THE LEGAL RECORD: REALTIME SKILLS/CAPTIONING FOCUS
6.5 units
Lecture 3 units; lab 3.5 units
Prerequisite: CTRP 018
Acceptable for credit: California State University
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. Machine writing and transcription focuses on application of “realtime” writing skills for educational captioning, also Communication Access Realtime Transcription (CART), and other types of live captioning. Lecture content and assignments include building a captioning software dictionary, captioning terminology, mechanics, etiquette, ethical issues, expectations of, and responsibilities facing the live captioner. Pass/No Pass Option

CTRP 020 200 WPM DICTATION LAB
2.5 units
Lecture 0 units; lab 2.5 units
Prerequisite: Any one of CTRP 016 A-D or CTRP 016S
Advisory: CTRP 018A
This course provides additional high-speed, live dictation to students who have completed the goal speeds of 200-225 words per minute and who are preparing to pass qualifying examinations for state or national court reporting certification or who plan to go into any area of employment utilizing real-time stenotype output, such as captioning for television or for hearing-impaired students. The dictation contains a variety of relevant material containing vocabulary applicable to the profession, including multi-voice courtroom testimony, congressional record, and material from medical and literary sources. All students participate in read back from this dictation.

CTRP 021 MASTERING THE LEGAL RECORD: COURTROOM FOCUS
6.5 units
Lecture 3 units; lab 3.5 units
Prerequisite: CTRP 018
Acceptable for credit: California State University
In this course, students have the opportunity to further refine stenographic outlines and speed-building techniques to attain an accurate writing speed of up to 200 words per minute with more than two attorneys; handling rough transcript requests; and standard deposition protocol and ethics. Pass/No Pass Option

CTRP 022 220 WPM DICTATION LAB
2.5 units
Lecture 0 units; lab 2.5 units
Prerequisite: Any one of CTRP 020 A-D or CTRP 020S
Advisory: CTRP 018A
This course provides additional high-speed, live dictation to students who have completed the goal speeds of 200-225 words per minute and who are preparing to pass qualifying examinations for state or national court reporting certification or who plan to go into any area of employment utilizing real-time stenotype output, such as captioning for television or for hearing-impaired students. The dictation contains a variety of relevant material containing vocabulary applicable to the profession, including multi-voice courtroom testimony, congressional record, and material from medical and literary sources. All students participate in read back from this dictation.

CTRP 023 MASTERING THE LEGAL RECORD: DEPOSITION FOCUS
6.5 units
Lecture 3 unit; lab 3.5 unit
Prerequisite: CTRP 021
Acceptable for credit: California State University
In this course, students have the opportunity to further refine stenographic outlines and speed-building techniques to attain an accurate writing speed of 225 words per minute with 95 percent accuracy. Machine writing and transcription focuses on deposition terminology and phraseology. Lecture content and assignments include marking, handling, and securing exhibits; swearing in witnesses; managing depositions with more than two attorneys; handling rough transcript requests; and standard deposition protocol and ethics. Pass/No Pass Option

CTRP 026 ADV. ENGLISH & OFFICE PRACTICES FOR CTR
3 units
Lecture 3 units; lab 0 unit
Acceptable for credit: California State University
In this course, students have the opportunity to study and apply advanced grammar, punctuation, syntax, and word usage; communication skills; proofreading; filing procedures; transcription procedures; and court reporting office methods and forms.

CTRP 028A COMPUTER AIDED TRANSCRIPTION
2.5 units
Lecture 2 units; lab 0.5 units
Prerequisites: CTRP 007C
Acceptable for credit: California State University
In this course, students have the opportunity to apply the theory and practice of Computer-Aided Transcription (CAT) as used in the fields of court reporting and captioning.

CTRP 030A REALTIME AND COMPUTER-AIDED BASIC
2 units
Lecture 1 unit; lab 1 unit
Prerequisite: CTRP 007B
Acceptable for credit: California State University
This course includes instruction in English text entry and non-technical dictation building on an electronic stenotype machine. Using specialized computer software, students have the opportunity to create and/or edit personal dictionaries containing a minimum of ten thousand words. Pass/No Pass Only

CTRP 030B REALTIME AND COMPUTER-AIDED LEGAL
2 units
Lecture 1 unit; lab 1 unit
Prerequisite: CTRP 007B
Acceptable for credit: California State University
This course offers instruction in legal terminology text entry and legal dictionary building on an electronic stenotype machine. Using specialized computer software, students have the opportunity to create legal dictionaries of several hundred entries. Pass/No Pass Only

CTRP 030C REALTIME AND COMPUTER-AIDED MEDICAL DICTIONARY BUILDING
2 units
Lecture 1 unit; lab 1 unit
Prerequisites: CTRP 007B
Acceptable for credit: California State University
This course offers instruction in medical terminology text entry and medical dictionary building on an electronic stenotype machine. Using specialized computer software, students have the opportunity to create medical dictionaries of several hundred entries.

CTRP 34A1 MEDICAL DICTATION FOR THE COURT REPORTER
1.5 units
Lecture 1 unit; lab 0.5 units
Prerequisites: HTCH 005 and CTRP 012A or CTRP 012B or CTRP 012C or CTRP 012D
Acceptable for credit: California State University
Students are given concentrated dictation from various professional medical publications at varying speeds for testing and transcription. The vocabulary of various medical specialties and anatomical and medical terminology are covered. Dictation is given from medical case histories, operation reports, and other selected medical data.
Digital Media

THE FACULTY
Jean McIntosh
Jeff Rascov

DIVISION
School of Art and Design

DEAN
Andrew Chandler

DIVISION CHAIR
Diane Hurd

DEPARTMENT CHAIR
Jeff Rascov

PHONE
408-741-2432

EMAIL
jeff.rascov@westvalley.edu

COUNSELING
408-741-2098

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. The Department of Digital Media offers an Associate Degree and a certificate in Web and Mobile Design, and certificates in Graphic Design, and Marketing/Digital Communications.

MARKETING/DIGITAL COMMUNICATIONS
Certificate of Achievement

The Marketing/Digital Communications Certificate of Achievement requires the successful completion of 5 required courses (18 units) and 2 units of electives.

This program provides Career Technical Education opportunities in the areas of business communication, marketing, web communications, digital media production, graphic design and web/mobile design. This certificate provides a specialized focus in developing a foundation for implementing marketing ideas and strategies via web and digital platforms. Upon completion of this program a student should be able to develop ideas and concepts, delineate marketing strategies, construct and present marketing approaches for web and mobile-based campaigns. Emphasis is on researching and writing business and marketing plans, concept and content development, and integrating marketing solutions into digital, mobile and social media environments.

Upon successful completion of this program, career opportunities exist in marketing communications, social media marketing, web and mobile design and production, and other areas in the field of marketing communications.

After completing a certificate in Marketing/Digital Communications, a student will be able to:

• Implement a marketing and business plan using a variety of digital and new media technologies.

Courses should be taken as outlined in the course definitions.

Required Courses: 18 units

Course

Units

DM/IS 010C Introduction to Digital Imaging

4

DM/IS 014C Digital Illustration: Illustrator

4

BUS 056 Marketing Principles

3

BUS 078 Business Communication

3

DM/IS 023 Web Design: Dreamweaver

4

Choose 2 Electives: 2 units

DM/IS 025 Introduction to Internet Marketing

1

DM/IS 025B New Media Marketing

1

DM/IS 025C Web SEO (Search Engine Optimization)

1

DM/IS 025E Mobile Advertising

1

Total Units

20

For crosswalk of new subject codes, see page 39

WEB AND MOBILE DESIGN

A.A. Degree

After completing the Web and Mobile Design A.A. degree, a student will be able to:

• Plan, develop, test and market electronic media with an emphasis on functionality and code that utilizes current search engine parameters, accessibility standards and scalability.

Courses should be taken as listed in order to afford continuity of content.

Required Courses (25 Units)

Course

Units

DM/IS 002 Introduction to Electronic Communication

3

DM/IS 003 Visual Design for New Media

4

DM/IS 004 Principles of Design

4

DM/IS 020A Interface Design

4

DM/IS 021A Web Development

4

OR

DM/IS 023 Web Design: Dreamweaver

4

DM/IS 021M Mobile Sites/Apps Design and Development

4

DM/IS 086 Portfolio Planning and Review

3

Choose 5 units of the Following Electives

DM/IS 010C Introduction to Digital Imaging

4

DM/IS 011 Blogs and Site Development: WordPress

4

DM/IS 014C Digital Illustration: Illustrator

4

DM/IS 021B Web Development

4

DM/IS 022A Digital Video 1

4

DM/IS 023B Web Development: Dreamweaver

4

DM/IS 024B Internet Legal Issues

1

DM/IS 025 Introduction to Internet Marketing

1

DM/IS 025A Web and Mobile Marketing and Advertising

1

DM/IS 025B New Media Marketing

1

DM/IS 025C Web SEO (Search Engine Optimization)

1

DM/IS 025D Web Analytics

1

Total Units

30

For crosswalk of new subject codes, see page 39

GRAPHIC DESIGN

Certificate of Achievement

The Graphic Design Certificate of Achievement requires the successful completion of 7 required courses (20 units) and 8 units of electives. This program provides Career Technical Education opportunities to develop occupational skills focused on graphic design development and production in the areas of: mass communications (broadcasting and print), digital media and graphic design. Students plan and create client-focused design solutions that incorporate traditional design concepts, static and not static layouts, critical ideas, and current technologies. Upon successful completion of this program, entry-level career opportunities exist in graphic design, print production, marketing, corporate communications and other emerging opportunities.

After completing the Graphic Design Certificate of Achievement, a student will be able to:

• Plan, develop, test and market electronic media with an emphasis on functionality and code that utilizes current search engine parameters, accessibility standards and scalability.

Courses should be taken as listed in order to afford continuity of content.
• Plan, design, create layouts, and prepare files for commercial offset printing.

**Required Core Courses: 20 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 001</td>
<td>3</td>
</tr>
<tr>
<td>DM 002</td>
<td>3</td>
</tr>
<tr>
<td>DM 003</td>
<td>3</td>
</tr>
<tr>
<td>DM 004</td>
<td>4</td>
</tr>
<tr>
<td>DM 011</td>
<td>1</td>
</tr>
<tr>
<td>DM 009</td>
<td>3</td>
</tr>
<tr>
<td>DM 086</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives: 8 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 014C</td>
<td>4</td>
</tr>
<tr>
<td>DM 022A</td>
<td>4</td>
</tr>
<tr>
<td>DM 025</td>
<td>1</td>
</tr>
<tr>
<td>DM 025B</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Major Units 28

For crosswalk of new subject codes, see page 39

**WEB & MOBILE DESIGN**

**Certificate of Achievement**

The Web and Mobile Design Certificate of Achievement requires the successful completion of 7 required courses (25 units).

This program provides Career Technical Education opportunities in the areas of: mass communications, digital media production, graphic design and web/mobile design. Students plan, develop, test and market web and mobile design solutions with an emphasis on functionality and accessibility standards and scalability.

Upon successful completion of this program, entry-level career opportunities exist in Web Design, Graphic Design, Mobile Application Design, Web Marketing, Content Development and other entry-level positions.

After completing the Web and Mobile Design Certificate, 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.

Courses should be taken as listed to insure appropriate continuity.

**Major Requirements:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM/IS 002</td>
<td>3</td>
</tr>
<tr>
<td>DM/IS 004</td>
<td>4</td>
</tr>
<tr>
<td>DM/IS 003</td>
<td>3</td>
</tr>
<tr>
<td>DM/IS 020A</td>
<td>4</td>
</tr>
<tr>
<td>DM/IS 021A</td>
<td>4</td>
</tr>
</tbody>
</table>

**OR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM/IS 023</td>
<td>4</td>
</tr>
<tr>
<td>DM/IS 021M</td>
<td>4</td>
</tr>
<tr>
<td>DM/IS 086</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Units 25

For crosswalk of new subject codes, see page 39

**Recommended Preparations in Basic Skills:**

Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
DIGM 014C DIGITAL ILLUSTRATION: ILLUSTRATOR
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: California State University
This course introduces design and vector-based illustration techniques, and focuses on conceptual approaches to digital illustration for specific design applications and media. It also explores concept development and composition techniques that pay particular attention to creative approaches to design solutions and developing individual illustration styles. Pass/No Pass Option

DIGM 014D ADVANCED GRAPHIC TECHNIQUES
3 units
Lecture 2 units; lab 1 unit
Prerequisite: DIGM 004, DIGM 014C
Acceptable for credit: California State University
This course focuses on developing graphic design solutions for a variety of media and platforms. Both conceptual and technical aspects of the design process and design production are considered with additional focus on advanced software features and techniques. Pass/No Pass Option

DIGM 020A INTERFACE DESIGN
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: California State University
This course focuses on creating a quality user experience and designing responsive web solutions that work well on web and mobile platforms. The course also explores what makes a site user friendly and how some common responsive design patterns work across different devices. Process and strategies for developing responsive layouts, and experimenting with major and minor breakpoints, are also covered in this course. Pass/No Pass Option

DIGM 021A WEB DEVELOPMENT 1
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: California State University
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 the 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. Pass/No Pass Option

DIGM 021B WEB DEVELOPMENT 2
4 units
Lecture 3 units; lab 1 unit
Advisory: DIGM 021A
Acceptable for credit: California State University
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. Pass/No Pass Option

DIGM 021M INTRODUCTION TO APP DESIGN
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: California State University
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 products. Students have the opportunity to learn UX design processes and build prototype mobile products. Pass/No Pass Option

DIGM 021X APPLICATION DESIGN AND DEVELOPMENT 2
4 units
Lecture 3 units; lab 1 unit
Advisory: DIGM 021M
This course focuses on planning and programming applications for phones, tablets, and augmented environments. Interface design and human computer interaction will be considered in relation to developing applications. Students have the opportunity to learn the latest application design processes. Working in design teams students develop native applications for different platforms and environments. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
DIGM 022A DIGITAL VIDEO 1
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: California State University
This course introduces the stages of video making, including narrative structure, and acquisition of video production skills in camera, lighting, sound and editing. Also covered are principals of motion graphics, and post-production delivery for webcast and new media. Production work, editing with software, readings, and screenings outside of class are assigned. Pass/No Pass Option

DIGM 025 INTRODUCTION TO INTERNET MARKETING
1 unit
Lecture 1 unit; lab 0 units
Acceptable for credit: California State University
This course introduces topics pertinent to foundation skills in web marketing. The course focuses on assessing 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 consistent and compelling marketing campaign. Pass/No Pass Only

DIGM 025A ADVANCED INTERNET MARKETING
1 unit
Lecture 1 unit; lab 0 units
Acceptable for credit: California State University
This course focuses on writing an online marketing plan. This course also covers marketing software tools and services used in developing and managing a mobile marketing strategy. Pass/No Pass Only

DIGM 025B SOCIAL MEDIA MARKETING
1 unit
Lecture 1 unit; lab 0 units
Acceptable for credit: California State University
This course provides a critical framework for developing a comprehensive social media campaign. Additional focus is on the digital tools and software used to manage social media content. Pass/No Pass Only

DIGM 096 PORTFOLIO PLANNING AND REVIEW
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: California State University
This course is designed for students committed to developing a professional quality portfolio for work, transfer and other purposes. The course emphasizes strategies for developing a portfolio to meet a range of needs, and 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.

DIGM 099 INTRODUCTION TO TYPOGRAPHY
3 units
Lecture 2 units; lab 1 units
Advisory: ARTS 031A and ARTS 033A or DIGM 004
This course focuses on creating typographic solutions for designs in visual media and art. This course provides the study and demonstration of letterforms and fundamental typographic principles. Emphasis is on the vocabulary of typographic form and its relationship to message/purpose.

Disability and Educational Support Program

THE FACULTY
Jean Finch
Jessica Jaurequi
Cheryl Miller
Susan Sherrill
Ross Smith

DIVISION
Student Services
DIVISION CHAIR
Michael Byers
DEPARTMENT COORDINATOR
Cheryl Miller
PHONE
408-741-2010
TTY
408-741-2658
EMAIL
cheryl.miller@westvalley.edu

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 Learning Services building.

Learning Outcomes
Following the completion of the DESP Orientation:
• A student will demonstrate knowledge of the next steps required to enroll at West Valley College and DESP with 70% accuracy.

Adapted Physical Education
(See Kinesiology or Noncredit)

Disability and Educational Support Program — Learning Skills Courses

LRSV 001 LEARNING STRATEGIES FOR COLLEGE AND LIFE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
In this course, students have the opportunity to learn and apply learning strategies to improve their effectiveness both in the classroom and in day-to-day life activities. 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.

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
LRSV 931B EFFECTIVE LEARNING: MATH LAB
1 units
Lecture 0 units; lab 1 unit
This lab support course is intended to be taken concurrently with Math 902P or Math 103. It focuses on the application of specific learning strategies to math coursework. Pass/No Pass Only

LRSV 941B EFFECTIVE SENTENCE AND PARAGRAPH WRITING
3 units
Lecture 3 units; lab 0 units
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 development and organization. The course employs the writing process in development of college-level paragraphs. Pass/No Pass Only

LRSV 941C EFFECTIVE ESSAY WRITING
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 903 or qualifying score on placement test; or LRSV 941B or qualifying score on placement test
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 development and organization. The course employs the writing process in development of college-level paragraphs. Pass/No Pass Only

LRSV 942 DEVELOPMENT OF EFFECTIVE READING SKILLS
3 units
Lecture 3 units; lab 0 units
Prerequisite: READ 960
This course is designed to prepare students who have disabilities that affect reading for college level reading. It stresses the application of reading and other study strategies and use of assistive technology to improve vocabulary and reading comprehension. Pass/No Pass Option

LRSV 943A WRITING SUPPORT LAB A
1 unit
Lecture 0 units; lab 1 unit
This is a lab course to support students enrolled in English 1A. Designed to meet the educational needs of students with disabilities. Instruction focuses on improving writing skills, including basic grammar, sentence structure, punctuation/capitalization, vocabulary, and paragraph development and organization. The course employs the writing process in development of college-level paragraphs. Pass/No Pass Only

LRSV 943A WRITING SUPPORT LAB B
1 unit
Lecture 0 units; lab 1 unit
This is a lab course to support students enrolled in English 1A. Designed to meet the educational needs of students with disabilities. Instruction focuses on improving writing skills, including basic grammar, sentence structure, punctuation/capitalization, vocabulary, and paragraph development and organization. The course employs the writing process in development of college-level paragraphs. Pass/No Pass Only

LRSV 944 EFFECTIVE MATH STRATEGIES
3 units
Lecture 3 units; lab 0 units
This course is designed to meet the educational needs of students with disabilities. Instruction focuses on pre-algebra skills with emphasis on the practical application of strategies to compensate for written language difficulties. This course addresses essay development, including thesis statements, supporting details and evidence, organization, coherence, and basic research skills. Pass/No Pass Option

Economics

THE FACULTY
Janis Kea
Samuel Liu

DIVISION Chairs
Janis Kea & Nichola Gutierrez

PHONE 408-741-2538
EMAIL janis.kea@westvalley.edu
COUNSELING 408-741-2009

Economics courses are college level transfer courses.

Educational Options
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.)

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

ASSOCIATE IN ARTS IN ECONOMICS FOR TRANSFER (AA-T in Economics)
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 who complete the Associate in Arts in Economics for Transfer degree (AA-T in Economics) will be able to explain how individuals and firms make choices under scarcity; describe the major players and institutions that facilitate the market economy; and analyze economic models as they apply to market economies and specific product and factor markets.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses: 15-16 units
Course Units
ECON 001A Principles of Macroeconomics 3
OR
ECON 001AH Honors Principles of...
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 001A</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001B</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective Courses: Select 14 units from at least 4 of the following fields:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 001</td>
<td>Introduction to Physical Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTHR 002</td>
<td>Introduction to Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ANTHR 003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 001</td>
<td>Intro Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 002</td>
<td>Intro Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIST</td>
<td>Any History Course</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 001</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 002</td>
<td>Comparative Governments</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 003</td>
<td>Introduction to Political Science</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 004</td>
<td>International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 001</td>
<td>General Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

**ECON 001A PRINCIPLES OF MACROECONOMICS**

- 3 units
- Prerequisite: ECON 002
- Corequisite: ECON 002AH
- Prerequisite: MATH 103 or MATH 103R or qualifying score on placement test
- Acceptable for credit: University of California, California State University
- C-ID ECON 201

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. This course may also be taught on the Internet. Pass/No Pass Option

**ECON 001B PRINCIPLES OF MICROECONOMICS**

- 3 units
- Lecture 3 units; lab 0 units
- Corequisite: ECON 002B
- Prerequisite: MATH 103 or MATH 103R or qualifying score on placement test
- Acceptable for credit: University of California, California State University
- C-ID ECON 201

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. This course may also be taught on the Internet. Pass/No Pass Option

**ECON 001B HONORS PRINCIPLES OF MICROECONOMICS**

- 3 units
- Lecture 3 units; lab 0 units
- Corequisite: ECON 002BH
- Prerequisite: MATH 103 or MATH 103R or qualifying score on placement test
- Acceptable for credit: University of California, California State University
- C-ID ECON 201

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 trans-disciplinary 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.

**ECON 002A PRINCIPLES OF MACROECONOMICS LAB**

- 1 unit
- Lecture 0 units; lab 1 unit
- Corequisite: ECON 001A
- Acceptable for credit: University of California, California State University
- C-ID ECON 202

This online laboratory introduces macroeconomic concepts, market structures, factor markets, market failure, international trade and finance, and the role of public policy in the economy.
ECON 002A HONORS PRINCIPLES OF MACROECONOMICS LAB
1 unit
Lecture 0 units; lab 1 unit
Corequisite: ECON 001AH
Acceptable for credit: University of California, California State University
C-ID ECON 202
Honors Principles of Macroeconomics Lab 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 online laboratory introduces macroeconomic analysis and principle including 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. This lab must be taken concurrently with Econ 001AH.

ECON 002B PRINCIPLES OF MICROECONOMICS LAB
1 unit
Lecture 0 units; lab 1 unit
Corequisite: ECON 001B
Acceptable for credit: University of California, California State University
C-ID ECON 201
This online laboratory introduces microeconomic analysis, analysis of the allocation of resources and the distribution of income through a price system, economic theory related to demand, production, competitive and non-competitive product markets. This lab must be taken concurrently with Econ 001B, regardless if 001B is taken lecture-based or online. Pass/No Pass Option

ECON 002BH HONORS PRINCIPLES OF MICROECONOMICS LAB
1 unit
Lecture 0 units; lab 1 unit
Corequisite: ECON 001BH
Acceptable for credit: University of California, California State University
C-ID ECON 201
Honors Principles of Microeconomics Lab 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 laboratory introduces microeconomic analysis, analysis of the allocation of resources and the distribution of income through a price system, economic theory related to demand, production, competitive and non-competitive product markets. This lab must be taken concurrently with Econ 001BH.

Electronic Imaging
(See Photography)
**Engineering**

**THE FACULTY**
Thomas Sanford

**DIVISION** Professional Studies
**DIVISION CHAIR** Jim Henderson
**DEPARTMENT CHAIR** Thomas Sanford
**PHONE** 408-741-4608
**EMAIL** tom.sanford@westvalley.edu
**COUNSELING** 408-741-2009

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.

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

**Degree**
A.S., Engineering

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

**ENGINEERING A.S. DEGREE**

After completing an A.S. degree in Engineering, a student will be able to:
- Identify and to 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 reliable independent work as well as teamwork experience.
- Identify and apply ethical principles and standards.

**Required Core Courses: 54 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 001A General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>ENGR 010 Intro to Engineering</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 020 Engineering Graphics</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 021 Intro to Computing for Scientists and Engineers</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 023 Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 024 Intro to Circuit Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MATH 003A Analytical Geometry and Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 003B Analytical Geometry and Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 004A Intermediate Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 004B Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 004A Engineering Physics-Mechanics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 004B Engineering Physics - Electricity</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 004C Engineering Physics-Light, Heat and Waves</td>
<td>5</td>
</tr>
</tbody>
</table>

**Total Major Units**: 54

To be awarded an A.S. degree, a student must complete:
1. All the major requirements.
2. Additional units to meet the college graduation requirements.

**NOTE**: Only CHEM 001A is required for the A.S. degree. Transfer students may need to take additional chemistry courses to complete the requirements for a B.S. degree. Please consult with a counselor to determine campus-specific requirements.

**Additional math may be required.**

Recommended Electives: Choose those general education requirements outside the major which may apply toward the bachelor’s degree requirements at the four-year institution where you transfer.

For crosswalk of new subject codes, see page 39

**ENGINEERING TECHNOLOGY**: Transfer: See assist.org for info or the Counseling Center

**ENGINEERING TECHNICIAN WITH WATER EMPHASIS**

**Certificate of Achievement**

This Certificate of Achievement in Engineering Technician with Water Emphasis requires the successful completion of 31 units and provides a comprehensive curriculum including courses in math, engineering, chemistry and physics. State of the art instruction and industry-based curriculum is suited for students of all levels and provides hands-on experience and thorough training in the areas of water treatment or water distribution.

Students will have acquired the skills to explain and demonstrate technical knowledge of water treatment processes. Students will be prepared to take the exam for the Treatment Level II Operator or Distribution Level II Operator certificate issued by the Water District.

**Required Core Courses: 31 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 106 Intermediate Algebra</td>
<td>5</td>
</tr>
<tr>
<td>ENGR 010 Introduction to Engineering</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 004 Introduction to Computer-Aided Design</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 030A Fundamentals of Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 020 Engineering Graphics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 000D Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 002A General Physics - Mechanics</td>
<td>5</td>
</tr>
<tr>
<td>ENGR 166 Water Distribution II</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units**: 31

For crosswalk of new subject codes, see page 39

**ENGINEERING TECHNOLOGY: Transfer**

- Acceptable for credit: California State University
- This course is a study of intermediate technical drafting methods applied to the engineering field. This course covers drafting practices in multi-view orthographic projections, sections, primary auxiliaries, dimensioning, freehand sketching, and lettering. Pass/No Pass Option

**ENGINEERING TECHNOLOGY: Advanced**

- Acceptable for credit: University of California, California State University
- This course is an introduction to 2 dimensional and isometric computer-aided drafting using AutoCAD on the PC. It is designed for students with no computer experience and dual listed with ID 65. Pass/No Pass Option

**ENGINEERING TECHNOLOGY: Advanced Design**

- Acceptable for credit: University of California, California State University
- This course provides an opportunity for students to use concepts acquired in ID 65 or ENGR 004 in a more complex way. Advanced topics in the construction of two and three dimensional drafting and solid modeling are addressed. This course is cross listed with ID 66. Pass/No Pass Option

**Recommended Preparations in Basic Skills**

Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing ENGL 905 AND reading competency by completing RDNG 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
ENGR 010 INTRODUCTION TO ENGINEERING
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course explores the different engineering disciplines to assist students in a choice of major, and introduces first-year engineering students to experimentation, data analysis, basic computer skills, and engineering design. Pass/No Pass Option

ENGR 020 ENGINEERING GRAPHICS
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course provides an introduction to engineering design and the related graphics tools used to communicate design concepts. Topics include developing visualization skills by using technical sketching, software and manual drafting. Subj ects include drawing using isometric sketching, orthographic projection and plan reading. Pass/No Pass Option

ENGR 021 INTRO COMPUTING FOR SCIENTISTS AND ENGINEERS
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
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.

ENGR 025 INTRODUCTION TO MATERIALS
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course is an introduction to engineering materials, including pure metals, binary alloys, steels, semiconductors, plastics and polymers, with an introduction into the mechanics of materials including basic material failure mechanisms.

ENGR 060 INTRODUCTION TO MATHCAD
0.5 unit
Lecture 0.5 units; lab 0 units
Introduction to solving mathematical equations and expressions using MathCAD. Lectures, examples and hands-on practice from several engineering fields will be given. This course may be repeated once. Pass/No Pass Option

ENGR 098 INTRODUCTION TO CIRCUIT ANALYSIS
3 units
Lecture 3 units; lab 0 units
Advisory: Math 003B, Phys 004B
Acceptable for credit: University of California, California State University
This is an introductory course in the analysis of DC and AC electric circuits using Kirchoff’s laws, Ohm’s law, and Thevenin’s theorem. Pass/No Pass Option

ENGR 099 STATICS/VECTOR MECHANICS
3 units
Lecture 3 units; lab 0 units
Advisory: Phys 004A, Math 003A
Acceptable for credit: University of California, California State University
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.

ENGR 166 WATER DISTRIBUTION II
3 units
Lecture 3 units; lab 0 units
Advisory: ENGR 010 and PHYS 001 and CHEM 002
Acceptable for credit: California State University
This is a course in practical water supply hydraulics with an emphasis on the basic principles of hydraulics. The purpose of the course is to clarify pressure, head, buoyancy, friction loss, forces, velocity of flow, and size capacity relationship of distribution systems. The course includes the study of pump characteristics, sizing of pumps, arithmetic, and efficiency test procedures. Typical calculations include line loss in series and parallel pipe systems, residual pressure, forces on thrust blocks, and horsepower requirements for pumps. This course is designed to prepare the student for the D2 Water Distribution Operator’s examinations.

English

THE FACULTY
Paulette Boudreaux
Leigh Burri ll
Bill Davis
Rebecca Cisneros-Diaz
Nicole Cuttler
Janine Gerzani cs
Clementina Golan
Dulce Gray
Lenore Harris
Cathy Jones
Vicky Kalivits
Jess Lemay
Nils Michals
Eric Pape
Jeanette Richley
Le sli Saito-Liu
Danielle Shaw
Jennifer Wagner

DIVISION Language Arts
DIVISION CHAIR Leigh Burri ll
DEPARTMENT CHAIR Leslie Saito-Liu
PHONE 408-741-4010
EMAIL lesli saito@westvalley.edu
COUNSELING 408-741-2009

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.

Highlights
- Composition courses designed for all levels of ability
- Transfer level literature and creative writing courses that meet CSU & UC requirements
- Online courses in composition, literature, and creative writing
- Links with industry and regional Learning Communities
- Experienced, innovative faculty dedicated to student success

The West Valley College English Department offers composition and literature courses designed to provide students with the skills needed to be successful in both their academic and work lives. Through these courses, students develop reading, writing, and critical thinking skills needed to attain an AA/AS degree, transfer to a four-year college or university, or move directly into the workforce.

Career Options
- Advertising
- Business
- Civil Service
- Editing
- Information Systems
- Insurance
- Journalism
- Law
- Library Science
- Management
- Marketing Communications
- Politics
- Public Relations

- PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
- ADVISORY is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog
### ENGLISH: For transfer information see assist.org and/or consult with a counselor.

**ASSOCIATE IN ARTS IN ENGLISH FOR TRANSFER DEGREE (A.A.-T in English)**

The Associate in Arts in English for Transfer degree (A.A.-T in English) 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 English, Literature, or Creative Writing. Students completing the Associate in Arts in English for Transfer degree (A.A.-T) 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 on diverse issues; and write research papers that demonstrate the effective evaluation, integration, and MLA documentation of sources.

Students must complete the following requirements:
- 60 semester or 90 quarter CSU-transferable units
- the California State University-University Preparation 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.
- attainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements, or cultural diversity requirements found in other degrees at the College.

### Required Core Courses: Select two:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 001C Critical Thinking and Writing</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 001CH Honors Critical Thinking and Writing</td>
<td></td>
</tr>
<tr>
<td>ENGL 001B English Composition</td>
<td>3</td>
</tr>
</tbody>
</table>

### List A: Select two:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 007A American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 007B American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 005A Survey of English Literature</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 005B Survey of English Literature</td>
<td></td>
</tr>
<tr>
<td>ENGL 006A World Literature</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 006AH Honors World Literature</td>
<td></td>
</tr>
<tr>
<td>ENGL 006B World Literature</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 006BH Honors World Literature</td>
<td></td>
</tr>
</tbody>
</table>

### List B: Select one:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 018 Asian American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 048 Introduction to Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 071 Intermediate Fiction Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 072 Intermediate Poetry Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 070 Creative Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

### List C: Select one:

Any course from List A or B not already used

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRNCH 001A Beginning French</td>
<td>5</td>
</tr>
<tr>
<td>FRNCH 001B Beginning French</td>
<td>5</td>
</tr>
<tr>
<td>FRNCH 002A Intermediate French</td>
<td>5</td>
</tr>
<tr>
<td>FRNCH 002B Intermediate French</td>
<td>5</td>
</tr>
<tr>
<td>FRNCH 003A Adv French Oral and Written Composition</td>
<td>5</td>
</tr>
<tr>
<td>FRNCH 003B Advanced French Oral &amp; Written</td>
<td>5</td>
</tr>
<tr>
<td>GERM 001A Beginning German</td>
<td>5</td>
</tr>
<tr>
<td>GERM 001B Beginning German</td>
<td>5</td>
</tr>
<tr>
<td>HUMAN 001A Human Values in and From the Arts</td>
<td>3</td>
</tr>
<tr>
<td>HUMAN 001B Human Values in and From the Arts</td>
<td>3</td>
</tr>
<tr>
<td>ITAL 001A Beginning Italian</td>
<td>5</td>
</tr>
<tr>
<td>ITAL 001B Beginning Italian</td>
<td>5</td>
</tr>
<tr>
<td>ITAL 002A Intermediate Italian</td>
<td>5</td>
</tr>
<tr>
<td>ITAL 002B Intermediate Italian</td>
<td>5</td>
</tr>
<tr>
<td>JPN 001A Beginning Japanese</td>
<td>5</td>
</tr>
<tr>
<td>JPN 001B Beginning Japanese</td>
<td>5</td>
</tr>
<tr>
<td>RUSS 001A Beginning Russian</td>
<td>5</td>
</tr>
<tr>
<td>RUSS 001B Beginning Russian</td>
<td>5</td>
</tr>
<tr>
<td>BUS 078 Business Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 010 Children’s Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 012 African American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 041 Literature and Film</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 001A Beginning Spanish</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 001B Beginning Spanish</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 002A Intermediate Spanish</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 002B Intermediate Spanish</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 003A Adv Spanish Oral and Written Composition</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 003B Advanced Spanish Oral and Written</td>
<td>5</td>
</tr>
</tbody>
</table>

**Total Major Units** 18-20

**GE Units (CSU GE or IGETC)** 37-39

**Total Degree Units** 60

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60.

For crosswalk of new subject codes, see page 39

### ENGLISH: A.A. Degree

After completing an A.A. degree in English, 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: 6 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 001A English Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 001B English Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 001C Clear Thinking In Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

### List A: 6 units

Complete courses in one of the following Groups:

**Group 1:**
- ENGL 005A Survey of English Literature | 3 |
- ENGL 005B Survey of English Literature | 3 |

**Group 2:**
- ENGL 007A American Literature | 3 |
- ENGL 007B American Literature | 3 |

**List B: 9 units**

Any course in Group 1 or 2 not already used

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 006A World Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 006B World Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 010 Children’s Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 012 African American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 013 Latino/Chicano Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 016 Latin American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 018 Asian American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 041 Literature and Film</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 043 Classical Mythology</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 044 The Bible as Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 046 Contemporary American Multi-Cultural Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 047 Introduction to Poetry</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 048 Introduction to Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 049 Modern Fiction</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 070 Creative Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units** 21

Literature courses used to meet general education requirements cannot be used to satisfy major requirements.

To be awarded an A.A. Degree, a student must complete:
- 1. All the major requirements.
- 2. Additional units to meet the college graduation requirements.

A student 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 he/she intends to transfer. Students planning to undertake graduate study in English are advised to complete Intermediate Foreign Language 002A and 002B before transferring.

For crosswalk of new subject codes, see page 39

### ENGL 001A ENGLISH COMPOSITION

3 units

Lecture 3 units; lab 0 units

Prerequisite: ENGL 905 or proof of qualifying assessment score; or LRSV 941C or proof of qualifying assessment score; or ENGL 905X or proof of qualifying assessment score; or LRSV 942 or proof of qualifying assessment score; or READ 961 or proof of qualifying assessment score

Acceptable for credit: University of California, California State University

C-ID ENGL 100

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. This course is also offered in an online format.
ENGL 001B CRITICAL THINKING THROUGH LITERATURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 001A
Acceptable for credit: University of California, California State University
C-ID ENGL 120
English 001B introduces students to literary analysis with an emphasis on critical thinking, close reading, and analytical writing skills. Introduces representative works from major genres. 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 and thought, and the principles of inductive and deductive reasoning. Students conduct research, study literary criticism, and write research essays that synthesize multiple sources. This course fulfills the critical thinking requirement for CSU transfer and is also offered in an online format.

ENGL 001C CRITICAL THINKING AND WRITING
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 001A
Acceptable for credit: University of California, California State University
C-ID ENGL 105
This course offers instruction and practice in methods of critical thinking, critical writing, and formal argument writing, emphasizing the following: the principles of classical argument structure and methods of reasoning; analysis and evaluation of rhetorical argument and texts; identification of the assumptions underlying a given argument; identification and critique of fallacies in arguments; analysis of language use and its implications in argument writing; research strategies, information literacy, and proper documentation. Students in this course practice critical thinking by writing substantive arguments, essays, and a documented research paper.

ENGL 001CH HONORS CRITICAL THINKING AND WRITING
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 001A
Acceptable for credit: University of California, California State University
C-ID ENGL 105
Honors Critical Thinking and Writing uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, critical thinking, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course offers instruction and practice in methods of critical thinking, critical writing, and formal argument writing, emphasizing the following: the principles of classical argument structure and methods of reasoning; analysis and evaluation of rhetorical argument and texts; identification of the assumptions underlying a given argument; identification and critique of fallacies in arguments; analysis of language use and its implications in argument writing; research strategies, information literacy, and proper documentation. Students in this course practice critical thinking by writing substantive arguments, essays, and a documented research paper.

ENGL 005A SURVEY OF ENGLISH LITERATURE
3 units
Lecture 3 units; lab 0 units
Advisory: ENGL 001A
Prerequisite: Eligibility for English 1A as determined by college assessment score OR successful completion of English 90S OR completion of English 90SX.
Acceptable for credit: University of California, California State University
C-ID ENGL 160
This course surveys British literature from the Old English/Anglo-Saxon period through the 18th century. Pass/No Pass Option

ENGL 005B SURVEY OF ENGLISH LITERATURE 2
3 units
Lecture 3 units; lab 0 units
Prerequisite: Eligibility for ENGL 001A or equivalent placement score
Advisory: ENGL 001A or equivalent
Acceptable for credit: University of California, California State University
C-ID ENGL 165
This course surveys English literature from the Romantic period to the present. Pass/No Pass Option

ENGL 006A WORLD LITERATURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: Eligibility for ENGL 001A or equivalent placement score
Advisory: ENGL 001A or equivalent
Acceptable for credit: University of California, California State University
C-ID ENGL 140
This course surveys literature from around the world produced from the beginnings of oral history 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. Pass/No Pass Option

ENGL 006AH HONORS WORLD LITERATURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: Eligibility for ENGL 001A or equivalent placement score
Advisory: ENGL 001A or equivalent
Acceptable for credit: University of California, California State University
C-ID ENGL 140
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 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. Pass/No Pass Option

- PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
- ADVISORY is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
ENGL 006B WORLD LITERATURE 2
3 units
Lecture 3 units; lab 0 units
Prerequisite: Eligibility for ENGL 001A or equivalent placement score
Advisory: ENGL 001A or equivalent
Acceptable for credit: University of California, California State University
C-ID ENGL 145
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. Pass/No Pass Option

ENGL 006BH HONORS WORLD LITERATURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: Eligibility for ENGL 001A or equivalent placement score
Advisory: ENGL 001A or equivalent
Acceptable for credit: University of California, California State University
C-ID ENGL 145
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 and compares literature from around the world produced between 1650 and the present. 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, Australia, 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. Pass/No Pass Option

ENGL 007A AMERICAN LITERATURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: Eligibility for ENGL 001A or equivalent placement score
Advisory: ENGL 001A or equivalent
Acceptable for credit: University of California, California State University
C-ID ENGL 130
This course surveys major American literary traditions from the colonial period to the Civil War. Pass/No Pass Option

ENGL 007B AMERICAN LITERATURE 2
3 units
Lecture 3 units; lab 0 units
Prerequisite: Eligibility for ENGL 001A or equivalent placement score
Advisory: ENGL 001A or equivalent
Acceptable for credit: University of California, California State University
C-ID ENGL 135
This course surveys major American literary traditions from the Civil War to the present. Pass/No Pass Option

ENGL 010 CHILDREN'S LITERATURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: Eligibility for English 1A
Advisory: ENGL 001A
Acceptable for credit: University of California, California State University
C-ID ENGL 180
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. Pass/No Pass Option

ENGL 012 AFRICAN AMERICAN LITERATURE
3 units
Lecture 3 units; lab 0 units
Advisory: ENGL 001A
Acceptable for credit: University of California, California State University
C-ID ENGL 130
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 and carving out a new identity complete with the development of new literary styles and conventions. The literature is examined through lenses of conventional critical theory and elements of literature. Pass/No Pass Option

ENGL 013 LATINO/CHICANO LITERATURE
3 units
Lecture 3 units; lab 0 units
Advisory: ENGL 001A
Acceptable for credit: University of California, California State University
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 “Latino Literature” movement in the twentieth century, and up to now) have self-identified as American Latinos and have addressed the varied traditions, conflicts, and transformations of American Latinos. This course satisfies the 3-unit Cultural Diversity requirement for the associate degree. Pass/No Pass Option

ENGL 016 ASIAN AMERICAN LITERATURE
3 units
Lecture 3 units; lab 0 units
Advisory: ENGL 001A, READ 053
Acceptable for credit: University of California, California State University
This course provides a cross-cultural comparative study of the literary works of several Asian American authors. Through their works, students have the opportunity to learn about history, culture, customs, and traditions of at least four of the following Asian American communities: Chinese, Japanese, Korean, Filipino, Vietnamese, Indian, and other Southeast Asians and Pacific Islanders. Pass/No Pass Option

ENGL 041 LITERATURE AND FILM
3 units
Lecture 3 units; lab 0 units
Advisory: ENGL 001A
Acceptable for credit: University of California, California State University
This course examines cultural, artistic, historical, critical and theoretical aspects of selected works of literature and film. Students will engage in 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. Pass/No Pass Option

ENGL 043 CLASSICAL MYTHOLOGY
3 units
Lecture 3 units; lab 0 units
Advisory: ENGL 001A
Acceptable for credit: University of California, California State University
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 its recurrence and significance in modern works. Pass/No Pass Option

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
ENGL 043H HONORS CLASSICAL MYTHOLOGY  
3 units  
Lecture 3 units; lab 0 units  
Advisory: ENGL 001A  
Acceptable for credit: University of California, California State University  
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.

ENGL 044 THE BIBLE AS LITERATURE  
3 units  
Lecture 3 units; lab 0 units  
Advisory: ENGL 001A, READ 053  
Acceptable for credit: University of California, California State University  
This course examines the Bible as an anthology, with each work influenced by its sociopolitical 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. Pass/No Pass Option

ENGL 046 CONTEMPORARY AMERICAN MULTI-CULTURAL LITERATURE  
3 units  
Lecture 3 units; lab 0 units  
Advisory: ENGL 001A, READ 053  
Acceptable for credit: University of California, California State University  
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. Students examine issues such as race, class, gender, and sexualities as explored in the literary works. This course satisfies the 3-unit Cultural Diversity requirement for the associate degree. Pass/No Pass Option

ENGL 046H HONORS CONTEMPORARY AMERICAN MULTI-CULTURAL LITERATURE  
3 units  
Lecture 3 units; lab 0 units  
Advisory: ENGL 001A  
Acceptable for credit: University of California, California State University  
Honors Contemporary American Multi-Cultural 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 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. Students examine issues such as race, class, gender, and sexualities as explored in the literary works. This course satisfies the 3-unit Cultural Diversity requirement for the associate degree.

ENGL 047 INTRODUCTION TO POETRY  
3 units  
Lecture 3 units; lab 0 units  
Advisory: ENGL 001A, READ 053  
Acceptable for credit: University of California, California State University  
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 at least one analytical essay. Pass/No Pass Option

ENGL 048H HONORS INTRODUCTION TO SHAKESPEARE  
3 units  
Lecture 3 units; lab 0 units  
Advisory: ENGL 001A, READ 053  
Acceptable for credit: University of California, California State University  
Honors Introduction to Shakespeare is being created to provide a unique course outline for the Honors course version of an existing course. The content remains the same, but the delivery methods include a higher standard of rigor based on more individualized and experiential instruction. 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. Pass/No Pass Option

ENGL 049 MODERN FICTION  
3 units  
Lecture 3 units; lab 0 units  
Advisory: ENGL 001A  
Acceptable for credit: University of California, California State University  
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.

ENGL 049H HONORS MODERN FICTION  
3 units  
Lecture 3 units; lab 0 units  
Advisory: ENGL 001A  
Acceptable for credit: University of California, California State University  
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.

ENGL 050H HONORS INTRODUCTION TO THE BIBLE  
3 units  
Lecture 3 units; lab 0 units  
Advisory: ENGL 001A  
Acceptable for credit: University of California, California State University  
Honors Introduction to the Bible is being created to provide a unique course outline for the Honors course version of an existing course. The content remains the same, but the delivery methods include a higher standard of rigor based on more individualized and experiential instruction. In this course students read, view, and critically analyze a selection of the Bible’s major plays and poetry. The course provides overviews of the historical and political events of the Bible’s age, the religious and philosophical ideas of the Early Modern period, and modern critical approaches to the Bible’s works. In addition, the course gives students opportunities to evaluate productions of the Bible’s plays. Pass/No Pass Option

ENGL 070 CREATIVE WRITING  
3 units  
Lecture 3 units; lab 0 units  
Prerequisite: ENGL 001A  
Advisory: ENGL 1A and/or introduction to literature and eligibility for Read 53  
Acceptable for credit: University of California, California State University  
C-ID ENGL 200  
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. Pass/No Pass Option

**Notes:**  
- **PREREQUISITES AND COREQUISITES** are MANDATORY. See page 5 for specific information.  
- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.  
- **ADVISORY** is a recommended preparation, NOT a REQUIREMENT.  
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog.
ENGL 071 WRITING FICTION
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 001A
Advisory: ENGL 070
Acceptable for credit: University of California, California State University
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 also 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. Pass/No Pass Option

ENGL 072 WRITING POETRY
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 001A
Advisory: ENGL 070
Acceptable for credit: University of California, California State University
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 in this course also 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 their creative writing skills, or creating a portfolio prior to transferring to a 4-year program in creative writing. Pass/No Pass Option

ENGL 080 VOICES: THE LITERARY ARTS MAGAZINE
2 units
Lecture 2 units; lab 0 units
Advisory: ENGL 905 or ENGL 905X
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. Pass/No Pass Option

ENGL 081 VOICES: INTERMEDIATE LITERARY ARTS MAGAZINE
2 units
Lecture 2 units; lab 0 units
Advisory: ENGL 905 or ENGL 905X
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 work in training in running, producing, and collaborating on Voices. This course focuses on selecting submissions and editing manuscripts; designing and laying out content; and finalizing production and the printing of an issue of Voices. Class members constitute the editorial staff of Voices. Pass/No Pass Option

ENGL 903 BASIC GRAMMAR & SENTENCE STRUCTURE
3 units
Lecture 3 units; lab 0 units
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 Only

ENGL 905 ENGLISH FUNDAMENTALS - A PREPARATORY COURSE
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 093 or Proof of qualifying assessment score
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 develop various writing strategies and practice writing skills using classroom computers. Pass/No Pass Only

ENGL 905X ACCELERATED ENGLISH FUNDAMENTALS
5 units
Lecture 5 units; lab 0 units
In an Accelerated format, this course provides the necessary foundation for college-level writing and prepares 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 Only

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.

English as a Second Language

THE FACULTY
Gail Ann Barta
Sylvia Ortega
Ann Marie Wasserbauer

DIVISION: Language Arts
DIVISION CHAIR: Leigh Burrel
DEPARTMENT CHAIR: Ann Marie Wasserbauer
PHONE: 408-741-2486
EMAIL: am.wasserbauer@westvalley.edu
COUNSELING: 408-741-2009

The English as a Second Language Department at West Valley College offers six levels of 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 take the ESL placement test or complete the prerequisites. ESL classes at the 960-964 levels are non-degree applicable and non-transferable. Courses at the 65 level are Associate Degree applicable and transferable to either a UC or a CSU.

Learning Outcomes
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.

ESLW 960 FOUNDATIONS IN ESL
6 units
Lecture 6 units; lab 0 units
Prerequisite: Qualifying score on the ESLW placement test
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 ESL 961 classes. Oral 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. Pass/No Pass Option
ESLW 961GW BASIC GRAMMAR AND WRITING 1
4 units
Lecture 4 units; lab 0 units
Prerequisite: ESLW 960: Foundations in ESLW or completion of ESL assessment
This course is designed to improve the basic writing and grammar skills of beginning level ESL students. The focus is on understanding and using basic grammatical forms and writing simple sentences using correct word forms, word order, function words, spelling, and punctuation. Pass/No Pass Option

ESLW 962GW BASIC GRAMMAR AND WRITING 2
3 units
Lecture 3 units; lab 0 units
Prerequisite: ESLW 61GW or ESLW 961GW or completion of ESL assessment
Advisory: It is strongly recommended that students enroll concurrently in ESLW 962LS and ESLW 962RV
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. Pass/No Pass Option

ESLW 963GW SENTENCE DEVELOPMENT
3 units
Lecture 3 units; lab 0 units
Prerequisite: ESLW 62GW or ESLW 962GW or completion of ESL assessment
Advisory: It is strongly recommended that students enroll concurrently in ESLW 963LS and ESLW 963RV
This course develops 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. Pass/No Pass Option

ESLW 964GW PARAGRAPH DEVELOPMENT
3 units
Lecture 3 units; lab 0 units
Prerequisite: ESLW 63GW or ESLW 963GW or completion of ESL assessment
Advisory: It is strongly recommended that students enroll concurrently in ESLW 964LS and ESLW 964RV
This course develops 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, pre-writing techniques including outlining, and basic rhetorical patterns.

ESLW 960GW COMPOSITION IN ENGLISH AS A SECOND LANGUAGE
4 units
Lecture 4 units; lab 0 units
Prerequisite: ESLW 964GW or proof of qualifying assessment score
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 topic sentences and thesis statements, rhetorical patterns, organization of the paragraph and short essay, and coherence and writing techniques. A grade of C or better in this course qualifies a student for English 905. Pass/No Pass Option

ESLW 961LS BASIC LISTENING AND SPEAKING 1
4 units
Lecture 4 units; lab 0 units
Prerequisite: ESLW 960: Foundations in ESL or proof of qualifying assessment score
This introductory course provides instruction and extensive practice in listening at the word, phrase, and sentence level. The focus is on the listening skills of comprehension of verbal instructions, of vocabulary in context, and ideas in sentences, monologues, and dialogues. Speaking focuses on the clear pronunciation of common words and phrases and the development of basic English pronunciation patterns of stress and intonation. Pass/No Pass Option

ESLW 962LS BASIC LISTENING AND SPEAKING 2
4 units
Lecture 4 units; lab 0 units
Prerequisite: ESLW 961LS or proof of qualifying placement score
This course continues the development of basic listening comprehension and speaking skills. Listening focuses on the comprehension of verbal instructions and questions in a series, of vocabulary in context, and of main ideas and details in sentences, monologues, dialogues, and short paragraphs. Speaking focuses on the clear pronunciation of common words and phrases and continues the development of basic English pronunciation patterns of stress and intonation. Pass/No Pass Option

ESLW 963LS ORAL COMMUNICATION 1
4 units
Lecture 4 units; lab 0 units
Prerequisite: ESLW 962LS or proof of qualifying assessment score
This course provides guidance and extensive practice in effective oral communication in a variety of social and/or vocational situations. Students have the opportunity to use vocabulary, syntax and new idiomatic expressions appropriate to the level for conversation. Students have the opportunity to observe and practice appropriate verbal and nonverbal behavior for conversing in English. The course emphasis is on the development of oral fluency in one-on-one and small group communication as students practice speaking strategies that help them express their ideas in sustained speaking contexts. Pass/No Pass Option

ESLW 964LS ORAL COMMUNICATION 2
4 units
Lecture 4 units; lab 0 units
Prerequisite: ESLW 963LS: Oral Communication 1 or proof of qualifying assessment score
This high intermediate course continues to focus on developing oral communication skills in a variety of social, business, and/or academic situations. Students have the opportunity to use current vocabulary resources, syntactic knowledge, and new and idiomatic expressions to express ideas in conversational settings. Students continue to have the opportunity to learn appropriate verbal and nonverbal behavior. Emphasis is on the development of oral fluency and the appropriate use of conversational strategies and conversation management techniques. Effective Fall 2003, this course is non-degree applicable. Pass/No Pass Option

ESLW 965LS ACADEMIC LISTENING AND SPEAKING
4 units
Lecture 4 units; lab 0 units
Prerequisite: ESLW 964LS or proof of qualifying assessment score
Acceptable for credit: California State University
The course provides advanced level ESL students guidance and extensive practice in listening and speaking in academic and professional settings. Listening focuses on understanding spoken English in formats such as college lectures and news broadcasts. The course also covers various styles and accents of speakers. Note-taking tasks are intended to reinforce aural comprehension and focus on recognizing organizational patterns and outlining main ideas and supporting details through audiotaped, videotaped and live presentations. Speaking focuses on increased fluency and communicative strategies used by native speakers in academic and professional settings. Pass/No Pass Option

ESLW 961RV BASIC READING AND VOCABULARY 1
4 units
Lecture 4 units; lab 0 units
Prerequisite: ESLW 960 or proof of qualifying placement score
ESL 961RV focuses on vocabulary development and basic comprehension of ideas in sentences and groups of sentences written in standard English. Students receive focused practice in understanding concepts and texts in English. Students have the opportunity to learn appropriate use of conversational strategies and conversation management techniques. Effective Fall 2003, this course is non-degree applicable. Pass/No Pass Option

ESLW 962RV BASIC READING AND VOCABULARY 2
3 units
Lecture 3 units; lab 0 units
Prerequisite: ESLW 961RV or proof of qualifying assessment score
Advisory: It is strongly recommended that students enroll concurrently in ESLW 962GW and ESLW 962LS
ESLW 962RV is a low-intermediate reading & vocabulary course for nonnative speakers of English. This course emphasizes reading comprehension and high frequency vocabulary through effective reading strategies, synonyms, affixes, and word forms. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog
Fashion Design and Apparel Technology

THE FACULTY
Sally S. Aitken
Tiina Kellar
Kyunghi (Kaei) Min

DIVISION School of Art and Design
DEAN Andrew Chandler
DIVISION CHAIR Diane Hurd
DEPARTMENT CONTACT Kaei Min
PHONE 408-741-2148
EMAIL kaei.min@westvalley.edu
COUNSELING 408-741-2098

The West Valley College Fashion Design and Apparel Technology department offers an A.S. 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. Associate degree in Apparel Design will enable our students to stay competitive in the job market that has become more focused on higher education. Graduates from the program will also be able to apply for upper division programs and transfer to state universities for further education.

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

Degree
A.S.: Apparel Design
A.S.: Apparel Production

Certificates
Apparel Design (Level 1 and Level 2)
Apparel Production

COURSE SUBSTITUTION AND WAIVERS
Course substitution and waivers are approved by the department upon review of transcripts, course description, and evidence of proficiency in the subject matter.

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

APPAREL DESIGN
A.S. Degree
After completing the Apparel Design A.S. degree, a student will be able to:
• Produce and present designs from concept to finished product.
• Create a production package, patterns and sample garment for mass production.
• Use industry standard manufacturing equipment.
• Use computer aided design and manufacturing equipment and software for design, development and production.
• Utilize available technology for research. Assessment: Assignments and/or projects.
• Demonstrate ability to function in a professional apparel industry environment.
• Allocate time and materials to meet project deadlines.
• Evaluate, organize, maintain, interpret and communicate information.
• Demonstrate creative problem solving skills.
• Participate as a team member in a diverse work environment.

Required Courses (44 units):

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FD 019</td>
<td>3</td>
</tr>
<tr>
<td>FD 030</td>
<td>3</td>
</tr>
<tr>
<td>FD 032</td>
<td>3</td>
</tr>
<tr>
<td>FD 044</td>
<td>3</td>
</tr>
<tr>
<td>FD 051</td>
<td>3</td>
</tr>
<tr>
<td>FD 052A</td>
<td>3</td>
</tr>
<tr>
<td>FD 052B</td>
<td>3</td>
</tr>
<tr>
<td>FD 055</td>
<td>3</td>
</tr>
<tr>
<td>FD 056</td>
<td>3</td>
</tr>
<tr>
<td>FD 057</td>
<td>3</td>
</tr>
<tr>
<td>FD 066</td>
<td>2</td>
</tr>
<tr>
<td>FD 070</td>
<td>3</td>
</tr>
<tr>
<td>FD 076</td>
<td>3</td>
</tr>
<tr>
<td>FD 081</td>
<td>3</td>
</tr>
<tr>
<td>FD 087</td>
<td>3</td>
</tr>
<tr>
<td>FD 020</td>
<td>3</td>
</tr>
<tr>
<td>FD 027</td>
<td>3</td>
</tr>
<tr>
<td>FD 058</td>
<td>3</td>
</tr>
<tr>
<td>FD 084</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Units 47

NOTE: Students must also complete AS degree general education requirements for college graduation.

For crosswalk of new subject codes, see page 39

APPAREL PRODUCTION
A.S. 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.

After completing this degree, students will be prepared for entry level positions in patternmaking, technical design, electronic patternmaking, and Apparel Production.
FD 019  Computer Patternmaking 3
FD 030  Intro. to Fashion Design 3
FD 051  Basic Apparel Construction 3
FD 052A  Fabric Analysis I 3
FD 052B  Fabric Analysis II 3
FD 055  Apparel Manufacturing 3
FD 056  Patternmaking I 3
FD 057  Patternmaking II 3
FD 058  Fashion Draping 3
FD 066  Technical Design 2

Total Units 32

NOTE: Students must also complete AS degree general education requirements for college graduation.

For crosswalk of new subject codes, see page 39
FDAT 019 COMPUTER PATTERNMKING
3 units
Lecture 2 units; lab 1 unit
Advisory: FDAT 056
Acceptable for credit: California State University
This course concentrates on computer techniques for patternmaking using Gerber Technology (GT) AccuMark software. This course provides students the opportunity to access Pattern Design System (PDS) software and also Marker Making and grading using Gerber AccuMark Software. Pass/No Pass Option

FDAT 020 COUTURE EMBLISHMENT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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. Pass/No Pass Option

FDAT 027 PROFESSIONAL IMAGE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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 particularly applicable for those in all professional careers. Pass/No Pass Option

FDAT 030 INTRODUCTION TO FASHION DESIGN
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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. Pass/No Pass Option

FDAT 044 FASHION DRAWING
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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. Pass/No Pass Option

FDAT 051 BASIC APPAREL CONSTRUCTION
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: California State University
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. Pass/No Pass Option

FDAT 052A FABRIC ANALYSIS I
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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. Pass/No Pass Option

FDAT 052B FABRIC ANALYSIS II
3 units
Lecture 3 units; lab 0 units
Prerequisite: FDAT 052A
Acceptable for credit: California State University
This course is a continuation of FD 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. Pass/No Pass Option

FDAT 055 APPAREL MANUFACTURING
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: California State University
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. Pass/No Pass Option

FDAT 056 PATTERNMAKING I
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: California State University
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. Designs are transferred from sketches into usable first sample patterns for apparel production. Pass/No Pass Option

FDAT 057 PATTERNMAKING II
3 units
Lecture 2 units; lab 1 unit
Prerequisites: FDAT 056
Acceptable for credit: California State University
This course is a continuation of Patternmaking I. Advanced flat patternmaking techniques are emphasized for both woven and knit fabrics. Students have the opportunity to create style variations for sportswear and outerwear designs using basic patterns drafted from measurements. First patterns are developed and sample garments constructed and tested for fit on industry dress forms. All projects are produced using industry dress forms and industry equipment in the FD lab. Pass/No Pass Option

FDAT 058 FASHION DRAPING
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: California State University
This course covers the methods of creating workroom sample patterns using fashion industry professional draping techniques. Designs are draped in muslin and fashion fabric on standard industry dress forms then transferred into first patterns for apparel production. Sample garments are constructed. Pass/No Pass Option

FDAT 066 TECHNICAL DESIGN
2 units
Lecture 2 units; lab 0 units
Advisory: FDAT 087
Acceptable for credit: California State University
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. Pass/No Pass Option

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
FDAT 070 ELEMENTS AND PRINCIPLES OF DESIGN
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course introduces students to the basic design elements and principles as they apply to fashion design. These concepts are applied to designing apparel and accessories in subsequent fashion design courses. The effect of silhouette, proportion, line and color are explored with the emphasis on developing an aesthetic awareness of good design. Pass/No Pass Option

FDAT 076 CREATIVE APPAREL DESIGN
3 units
Lecture 3 units; lab 0 units
Prerequisites: FDAT 044, FDAT 052A, FDAT 070
Advisory: FDAT 056 and FDAT 058
Acceptable for credit: California State University
This course explores the creative process of apparel design and the development of groups and collections. Student have the opportunity to learn the process of designing for specific markets, seasons and price categories and develop designs within their chosen area of interest. Methods of organizing and presenting design concepts are stressed. Pass/No Pass Option

FDAT 081 LINE DEVELOPMENT
3 units
Lecture 2 units; lab 1 unit
Prerequisites: FDAT 044, FDAT 052B, FDAT 055, FDAT 057, FDAT 076
Acceptable for credit: California State University
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. Pass/No Pass Option

FDAT 084 FASHION DESIGN INTERNSHIP
3 units
Lecture 1 unit
Work Experience Units: 2
Advisory: FDAT 030, FDAT 044, FDAT 052A, FDAT 056 and eligibility for ENGL 1A and READ S3
Acceptable for credit: California State University
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. Pass/No Pass Option

FDAT 087 CAD: TECHNICAL DRAWINGS & SPECIFICATIONS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course covers the methods of creating flat sketches, 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. Pass/No Pass Option

Foreign Languages
(See World Languages)

French
(See World Languages)

Gender Studies
(See Women’s Studies)
CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60.

Special transfer pathway to University of Hawaii at Manoa, see page 8.

For crosswalk of new subject codes, see page 39.

GEography

A.A. Degree

After completing an A.A. degree in Geography, a student will be able to:

- Analyze the controls, distribution, and classification of world climates;
- Compare and contrast different types of landforms;
- Analyze spatially related problems related to current/recent geopolitical events.

Required Core Courses: 6 units

Course                      Units
GEOG 001 Intro Physical Geography 3
GEOG 002 Intro Cultural Geography 3

Elective Courses: 14 units from 4 of the following areas

ANTHR 001 Introduction to Physical Anthropology 3
ANTHR 002 Introduction to Archaeology 3
ANTHR 003 Introduction to Cultural Anthropology 3
ECON 001A Principles of Macroeconomics 3
ECON 001B Principles of Microeconomics 3
HIST Any History Course 3
POLIT 001 American Government 3
POLIT 002 Comparative Governments 3
POLIT 003 Introduction to Political Science 3
POLIT 004 International Relations 3
PSYCH 001 General Psychology 3
PSYCH 002 Experimental Psychophysiology 3
PSYCH 007 Physiological Psychology 3
PSYCH 009 Psychology of Women: a Multicultural Perspective 3
PSYCH 012 Human Growth and Development 3
PSYCH 025 Introduction to Abnormal Psychology 3
SOC 001 Introduction to Sociology 3
SOC 002 Social Problems 3
SOC 020 American Race Relations 3
SOC 040 Marriage and Family 3
SOC 045 Sociology of Human Sexuality 3

Total Major Units 20

For crosswalk of new subject codes, see page 39.

GEOG 001 INTRO PHYSICAL GEOGRAPHY

3 units
Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University
C-ID GEOG 110

This course is a spatial study of the Earth's dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, 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). Pass/No Pass Option

GEOG 002 INTRO CULTURAL GEOGRAPHY

3 units
Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University
C-ID GEOG 120

This course is a study of diverse human populations, their cultural origins, diffusion and contemporary spatial expressions. Topics include: demography, languages and religions, urbanization and landscape modification, political units and nationalism, and economic systems and development. Pass/No Pass Option

GEOG 006 WORLD REGIONAL GEOGRAPHY

3 units
Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University
C-ID GEOG 125

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. Identification and importance of the significant features of a region are also included.

Geospatial Technology

(See Park Management)

Career Options
 Fields of study include:

- engineering geology
- environmental geology
- geobiology
- geochemistry
- 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.

Highlights:
The Geology/Oceanography Department offers:

- engineering geology
- environmental geology
- geobiology
- geochemistry
- 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.

Highlights:
The Geology/Oceanography Department offers:
GEOL 001AH HONORS PHYSICAL GEOLOGY

4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: University of California, California State University
C-ID GEOL 101

Honors Physical Geology uses the pedagogical methods common to all Honors courses: inter-disciplinary, writing intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified trans-disciplinary unit. This course offers 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 then 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. Pass/No Pass Option

GEOL 001B HISTORICAL GEOLOGY

3 units
Lecture 3 units; lab 0 units
Advisory: GEOL 001A or GEOL 001AH
Acceptable for credit: University of California, California State University
C-ID GEOL 110

Historical geology introduces theories on the origin of the earth, oceans, 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. Pass/No Pass Option

GEOL 002B HISTORICAL GEOLOGY LABORATORY

1 unit
Lecture 0 units; lab 1 unit
Corequisite: GEOL 001B
Acceptable for credit: University of California, California State University
C-ID GEOL 110L

This course provides laboratory and field experience to introduce Earth’s history and the life it supports. Subjects include rock descriptions, origins of the Universe and planet Earth, fossils, geologic dating, plate tectonics, biological evolution, stratigraphy, geologic maps, and paleogeography during the past 4.6 billion years. Time is spent in the field, both during the regular scheduled time plus one weekend. Pass/No Pass Option
**Health Care Technologies**

**FACULTY**
Kris Gaiero  
Faraneh Javan  
Diane Rudy

**DIVISION CHAIR**  Health and Human Development  
Kris Gaiero

**DEPARTMENT CHAIR**  Diane Rudy

**PHONE**  408-741-4019  
**EMAIL**  kris.gaiero@westvalley.edu  
**COUNSELING**  408-741-2098

**MEDICAL ASSISTANT**
The Medical Assistant Program prepares students to work in the front and back office of a physician’s office, clinic, or other outpatient 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 placed in 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.

**Program Options**
- Associate of Science Degree
- Certificate of Achievement

The following are required prior to entry into the internship:
- Statement of Eligibility for Internship
- Health statement and physical examination
- Current CPR certificate
- Completion of all required courses with a grade of C or better
- HTECH 054A

**Career Options**
- ECG Technician
- Insurance Billing and Coding
- Insurance Account Representative
- Medical Administrative Assistant
- Medical Reception
- Medical Office Manager

**COURSE SUBSTITUTION AND WAIVERS**
Course substitution and waivers are approved by the department upon review of transcripts, course description, and evidence of proficiency in the subject matter.

**CLINICAL ASSISTANT**
The eleven-month Clinical Assistant program has been designed for individuals who are interested in working in the back office setting in a large clinic or outpatient facility. Clinical duties include obtaining and recording patients’ height, weight, temperature and blood pressure, obtaining case histories, performing basic laboratory tests, preparing patients for and assisting with examinations, as well as office surgeries, taking EKGs, and sterilization of instruments and materials.

The program also includes instruction in the important areas of medical ethics and law, interpersonal relationships and patient care, appointment scheduling, telephone technique, and records management.

Upon completion of all required courses, students are placed in an internship with a local health care facility. This is a valuable experience in applying the knowledge and skill acquired in class to be the workplace.

**Program Option**
- Certificate of Achievement

The following are required prior to entry into the internship:
- Statement of Eligibility for Internship
- Health statement and physical examination
- Current CPR certificate
- Completion of all required courses with a grade of C or better

**INSURANCE BILLING SPECIALIST**
The Insurance Billing Specialist program is designed to train the student 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 in a local health care facility. This is a valuable experience in applying the knowledge and skill acquired in class to the workplace.

A Statement of Eligibility for Internship, a health statement and physical examination, a current CPR certificate, keyboarding proficiency, basic word processing skills, and completion of all required courses with a grade of “C” or better are required prior to entry into internship (HTECH 054A).

**Program Option**
- Certificate of Achievement

**Career Options**
- Insurance Biller
- Medical File Clerk
- Medical Records Technician, entry-level
- Patient Account Representative
- Medical Secretary
- Medical Administrative Assistant
- Medical Office Management

**MEDICAL ADMINISTRATIVE ASSISTANT**
The Medical Administrative Assistant program focuses on the many and varied administrative functions of a medical office, including personnel supervision, credit and collection procedures, and management of time and resources.

Upon completion of all required courses, students are placed in 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.

**Program Option**
- Certificate of Achievement

The following are required prior to entry into the internship:
- Statement of Eligibility for Internship
- Health statement and physical examination
• Current CPR certificate
• Keyboarding proficiency of 35 wpm
• Basic word processing skills
• Completion of all required courses with a grade of C or better are required prior to entry into internship HTECH 054A (HTECH 054B is optional)

Career Options
• Medical Office Management
• Medical File Clerk
• Medical Records Technician, entry-level
• Medical Secretary
• Admitting Clerk
• Hospital Unit Coordinator

MEDICAL OFFICE RECEPTION

Program Option
• Certificate of Achievement

The Medical Office Reception program is designed to provide the student with the knowledge and skills needed to manage the front desk in a medical office or similar setting, including telephone technique, public relations, and medical records management. Upon completion of all required courses, students are placed in 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.

A Statement of Eligibility for Internship, a health statement and physical examination, and completion of all required courses with a grade of C or better are required prior to receive a Certificate of Achievement.

MASSAGE THERAPY

The Massage Therapy Program prepares students with the theory, knowledge, and hands-on experience necessary for an entry-level position as a massage therapist. Students will learn basic Swedish, shiatsu, sports, and deep tissue massage. Upon completion, the graduates will be qualified to get their massage therapy licenses in the city of choice in the state of California.

Program Option
• Certificate of Achievement

The following are required prior to entry into the internship:
• Statement of Eligibility for Internship
• Health statement and physical examination
• Current CPR certificate
• Completion of all required courses with a grade of C or better are required prior to entry into internship
• HTECH 054A

Career Options
Today, the massage therapist may work in private practice or in any number of capacities, including
• Clinics or Physician’s Office
• Chiropractor’s Office
• Physical Therapist’s Office
• Hospitals
• Health Clubs and Fitness Centers
• Resorts and Spas
• Senior Centers
• Sporting Events
• Corporate and Business Wellness
• Stress Reduction Programs

ORTHOPEDIC TECHNICIAN

West Valley College has worked in affiliation with Kaiser Hospital to develop this certificate program to promote career development and enhance job opportunities for Clinical Assistant or Medical Assistant students. Workplace settings can include hospitals, large medical clinics and orthopedic practices.

HEALTH CARE TECHNOLOGIES

There are eight programs in the department. HTECH 054A and HTECH 054B are to be taken upon completion of all required courses with a grade of C or better. See Program Director.

MEDICAL ASSISTANT

A.S. Degree

After completing a Medical Assistant A.S. degree, a student will be able to:
• Manage medical front office task and responsibilities
• Access and input patient information using electronic medical records systems
• Assist medical care providers in delivering patient care

To be awarded an A.S. degree, a student must complete:
1. All the Medical Assistant Certificate of Achievement requirements
2. Additional units to meet the college graduation requirements for an associate degree.

A certificate or degree will be awarded to those students achieving a grade of C or better in the major requirements listed above.

Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTECH 001 Introduction to Health Care</td>
<td>1</td>
</tr>
<tr>
<td>HTECH 002 Medical Information Processing</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 004 Structure and Function of the Human Body</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 005 Basic Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 006 Advanced Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 007 Medical Ethics &amp; Law</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 008 Communication for Health Care Personnel</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 041 Medical Office Business Procedures</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 042 Insurance Billing and Coding</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 043 Basic Medical Accounting &amp; Record Keeping</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 054A Internship</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 054B Internship</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 055 Vital Signs and Charting</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 057 Sterile Techniques</td>
<td>2.5</td>
</tr>
<tr>
<td>HTECH 058 Laboratory Techniques</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 063 Medication Administration</td>
<td>1.5</td>
</tr>
<tr>
<td>HTECH 064 Eog and Ortho Tech</td>
<td>2.5</td>
</tr>
<tr>
<td>H.ED 11.5 CPR/AED/Basic Life Support</td>
<td>0.5</td>
</tr>
</tbody>
</table>

Total Certificate Units 23

For crosswalk of new subject codes, see page 39

MEDICAL ADMINISTRATIVE ASSISTANT

Certificate of Achievement

The Medical Administrative Assistant program focuses on the many 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 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.

Program Requirements
The following are required prior to entry into the internship:
• Statement of Eligibility for internship
• Health Statement and physical examination
• Current CPR certificate
• Keyboarding proficiency of 35 wpm
• Basic word processing skills

Completion of all required courses with a grade of C or better prior to entry into internship HTECH 054A (HTECH 054B is optional).

After completing a Medical Administrative certificate, a student will be able to:
• Access and input patient information using electronic medical records systems
• Manage medical front office task and responsibilities

Required Core Courses: 25.5 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTECH 001 Introduction to Health Care</td>
<td>1</td>
</tr>
<tr>
<td>HTECH 002 Medical Information Processing</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 005 Basic Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 006 Advanced Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 007 Medical Ethics &amp; Law</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 008 Communication for Health Care Personnel</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 041 Medical Office Business Procedures</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 042 Insurance Billing and Coding</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 043 Basic Medical Accounting &amp; Record Keeping</td>
<td>3</td>
</tr>
</tbody>
</table>

Recommended Electives:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 012 Intercultural Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Certificate Units 23

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
For crosswalk of new subject codes, see page 39

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 (42 units), 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:

• A Statement of Eligibility for internship
• Health statement and physical examination
• Current CPR certificate
• Keyboarding proficiency of at least 35 wpm
• Basic word processing skills
• Completion of all required courses with a grade of C or better

Many facilities are requiring background checks and drug testing prior to entry. (HTECH 54A and HTECH 54B are required.)

After completing a Medical Assistant certificate, a student will be able to:

• Manage medical front office task and responsibilities
• Access and input patient information using electronic medical records systems
• Assist medical care providers in delivering patient care

Required Core Courses: 42 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTECH 001 Introduction to Health Care</td>
<td>1</td>
</tr>
<tr>
<td>HTECH 002 Medical Information Processing</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 004 Structure and Function of the Human Body</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 005 Basic Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 006 Advanced Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 007 Medical Ethics &amp; Law</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 008 Communication for Health Care Personnel</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 041 Medical Office Business Procedures</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 044 Electronic Medical Records using ECW</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 054A Internship</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 055 Vital Signs and Charting</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 057 Sterile Techniques</td>
<td>2.5</td>
</tr>
<tr>
<td>HTECH 058 Laboratory Techniques</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 063 Medication Administration</td>
<td>1.5</td>
</tr>
<tr>
<td>HTECH 066 EKG and Ortho Tech</td>
<td>2.5</td>
</tr>
<tr>
<td>H.E.D 11.5 CPR/AED/Basic Life Support</td>
<td>5</td>
</tr>
</tbody>
</table>

Total Certificate Units 42

For crosswalk of new subject codes, see page 39

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 test, 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.

After completing a Clinical Assistant certificate, a student will be able to:

• Access and input patient information using electronic medical records systems
• Assist medical care providers in delivering patient care

Required Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTECH 001 Introduction to Health Care</td>
<td>1</td>
</tr>
<tr>
<td>HTECH 002 Medical Information Processing</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 004 Structure and Function of the Human Body</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 005 Basic Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 006 Advanced Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 007 Medical Ethics &amp; Law</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 008 Communication for Health Care Personnel</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 041 Medical Office Business Procedures</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 044 Electronic Medical Records using ECW</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 054A Internship</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Certificate Units 34.5

For crosswalk of new subject codes, see page 39

MASSAGE THERAPY
Certificate of Achievement
After completing a Massage Therapy certificate, a student will be able to:

• Perform various modalities of massage therapy

Required Core Courses: 17 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTECH 004 Structure and Function of the Human Body</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 005 Basic Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 007 Medical Ethics &amp; Law</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 008 Communication for Health Care Personnel</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 070 Introduction to Holistic Medicine</td>
<td>1</td>
</tr>
<tr>
<td>HTECH 071A Basic Massage Therapy</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 071B Shiatsu and Chair Massage</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 054A Internship</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Certificate Units 17

For crosswalk of new subject codes, see page 39

ORTHOPEDIC TECHNICIAN
Certificate of Achievement
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.

Through the major required courses, students acquire the skills to apply and remove 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.

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 Orthopaedic Technologists, Inc. offers the Orthopaedic Technologist Certified (OTC) and Orthopaedic Technologist-Surgery Certified (OT-SC) 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.

Students earning the Orthopedic Technician Certificate of Achievement are prepared to work in the following settings:

• hospitals
• large medical clinics
• orthopedic practices
• skilled nursing facilities

After completing the Orthopedic Technician certificate, a student will be able to:

• Demonstrate skills in cast application and removal

Fall: HTECH 004, 006, 055 Spring: HTECH 057, 064 Summer: HTECH 054B

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTECH 004 Structure and Function of the Human Body</td>
<td>3</td>
</tr>
<tr>
<td>HTECH 006 Advanced Medical Terminology</td>
<td>3</td>
</tr>
</tbody>
</table>
HTCH 001 INTRODUCTION TO HEALTH CARE  
1 unit  
Lecture 1 unit; lab 0 units  
This course is a survey of the health care delivery system, the history of medicine and the development of the health care ancillary fields. It is recommended that students take this during their first semester in the Health Care Technologies Department. Pass/No Pass Option

HTCH 002 MEDICAL INFORMATION PROCESSING  
2 units  
Lecture 1 unit; lab 1 unit  
In this course, students have the opportunity to receive instruction in medical information processing. The areas covered are applications and use of medical terminology, abbreviations, symbols, numbers and appropriate formats in medical communications such as medical chart notes, history and physicals, consultations and operative reports.

HTCH 004 STRUCTURE AND FUNCTION OF THE HUMAN BODY  
3 units  
Lecture 2.5 units; lab 0.5 units  
Acceptable for credit: California State University  
This course is designed specifically for, but not limited to, students in the Health Care Technology programs. The students have the opportunity to learn the basic anatomical and physiological components associated with each body system.

HTCH 005 BASIC MEDICAL TERMINOLOGY  
3 units  
Lecture 3 units; lab 0 unit  
Acceptable for credit: California State University  
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. Pass/No Pass Option

HTCH 006 ADVANCED MEDICAL TERMINOLOGY  
3 units  
Lecture 3 units; lab 0 units  
Prerequisite: HTCH 005  
Acceptable for credit: California State University  
This course provides an introduction to the nature of diseases and terms of the clinical procedures, laboratory tests, and abbreviations connected with them. Students have the opportunity to explore the terminology related to anatomy and physiology of the body systems. Pass/No Pass Option

HTCH 007 MEDICAL ETHICS AND LAW  
2 units  
Lecture 2 units; lab 0 units  
Acceptable for credit: California State University  
This course covers medical ethics and law in the Health Care Profession. The areas covered are: bioethical 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.

HTCH 008 COMMUNICATION FOR HEALTH CARE PERSONNEL  
2 units  
Lecture 2 units; lab 0 units  
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 method 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.
Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.

HTCH 041 MEDICAL OFFICE BUSINESS PROCEDURES
3 units
Lecture 2 units; lab 1 unit
Advisory: HTCH 005
Acceptable for credit: California State University
This course provides instruction and practical application of 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.

HTCH 042 INSURANCE BILLING AND CODING
2 units
Lecture 1 unit; lab 1 unit
Advisory: HTCH 005, MATH 106, MATH 106R
This course covers the theory and practice of ICD-9-CM and ICD-10-CM (diagnostic) and CPT (procedural) coding; billing of private and government health insurance programs for the medical office. Pass/No Pass Option

HTCH 043 BASIC MEDICAL ACCOUNTING AND RECORD KEEPING
3 units
Lecture 2.5 units; lab 0.5 units
Prerequisite: HTCH 042
Advisory: MATH 902, MATH 902P
Acceptable for credit: California State University
This course includes a review of basic mathematical principles of decimals, fractions and percentages as they apply to the business office (discounts, commission, markup, depreciation, simple and compound interest). Other topics include: instruction in medical office financial records control: cash control, office record keeping, payroll accounting, and the application of concepts and procedures of office record keeping through the use of a practice set or computer program. Pass/No Pass Option

HTCH 044 ELECTRONIC MEDICAL RECORDS USING ECW
2 units
Lecture 1 unit; lab 1 unit
Prerequisite: HTCH 005
Corequisite: HTCH 041
Advisory: CAPP 010D and HTCH 55
Acceptable for credit: California State University
This course covers instruction on eClinicalWorks (one of the leading Electronic Medical Software Programs in the Health care setting). Students have the opportunity to work hands on with the front office aspects of an EMR, such as scheduling, communicating with patients, referrals, telephone encounters, web encounters, using alerts, and using the interoffice messaging. It also gives students the opportunity to work hands on with tools such as a fax server and a scanner. Students have the opportunity to develop progress notes, templates, flow sheets, smart forms, order sets using features in the eClinicalWorks. Pass/No Pass Option

HTCH 054A INTERNSHIP
2 units
Work Experience Units: 2
*See p. 182
Advisory: Completion of all critical program courses for the certificate program and demonstrate subject matter proficiency. See instructor for transcript evaluation to determine internship readiness.
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 Only

HTCH 054B INTERNSHIP
4 units
Work Experience Units: 4
*See p. 182
Prerequisite: HTCH 004 and HTCH 006 and HTCH 055 and HTCH 057 and HTCH 064
This course provides students with the opportunity to gain practical experience, under supervision, in a physician’s office or clinic with classroom critique. Pass/No Pass Only
HTCH 055 VITAL SIGNS AND CHARTING
2 units
Lecture 1 unit; lab 1 unit
Advisory: HTCH 005, MATH 902, MATH 902P
This course covers the duties and responsibilities of the clinical area of a medical office. Topics include equipment and supplies control; medical aspects; assisting with physical examinations including positioning, height, weight, and vision screening; vital signs determination (temperature, pulse, respiration and blood pressure); and pharmacology. Pass/No Pass Option

HTCH 057 STERILE TECHNIQUES
2.5 units
Lecture 2 units; lab 0.5 units
Advisory: HTCH 005
This course provides students with the opportunity to learn the theory and practice in sterilization, sterile technique, assisting with minor office surgery, and assisting with examinations and procedures in pediatrics, proctology, gynecology and obstetrics. Instruction in basic nutrition and diet therapy are taught.

HTCH 058 LABORATORY TECHNIQUES
3 units
Lecture 2 units; lab 1 unit
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, normal values and interpretation of abnormal values. Pass/No Pass Option

HTCH 063 MEDICATION ADMINISTRATION
1.5 units
Lecture 1 unit; lab 0.5 units
Advisory: HTCH 005
Acceptable for credit: California State University
This course covers the theory and practice of administration of parenteral medications including site selection, safety factors, and techniques, as well as medication dosage calculations (medication math). Pass/No Pass Option

HTCH 064 ECG & ORTHO TECHNICIAN
2.5 units
Lecture 1.5 units; lab 1 unit
Advisory: HTCH 005, MATH 902, MATH 902P
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. Pass/No Pass Option

HTCH 070 INTRODUCTION TO HOLISTIC MEDICINE
1 unit
Lecture 0.5 units; lab 0.5 units
Acceptable for credit: California State University
This course is an introduction to new forms of alternative medicine, including diet and nutrition, yoga, meditation, homeopathy, aromatherapy, massage therapy, and acupuncture. In this course the four aspects of complete health (spiritual, emotional, mental, and physical health) are discussed. The emphasis is on assisting people to understand and help themselves, on education and self-care, prevention of disease, and promotion of healthy lifestyle.

HTCH 071A BASIC MASSAGE THERAPY
2 units
Lecture 1 unit; lab 1 unit
Acceptable for credit: California State University
This course provides fundamental training and theory in Swedish, Sports, and deep tissue massage. Topics include anatomy with emphasis on the musculo-skeletal system, benefits and contraindications of massage therapy, biomechanics, common sports injuries, basic nutrition, cyrotherapy, holistic health and wellness. This course provides students with the fundamental training skills and practice for Swedish, Sports, and deep tissue massage.

HTCH 071B SHIATSU AND CHAIR MASSAGE
2 units
Lecture 1 unit; lab 1 unit
This course introduces students to the theory, technique, and practice of Shiatsu/Acupressure and on-site chair massage. The five-element theory of Asian medicine are discussed and interpreted. This course also covers meridian theory, diet and lifestyle, chi/force, comparison and contrast of Eastern and Western medicine, and the philosophy of holistic health. Students have the opportunity to learn to give a complete Shiatsu and on-site chair massage. Incorporated with each class are short sessions of yoga/stretching and/or meditation.

HTCH 075 INTRODUCTION TO AROMATHERAPY FOR HEALTHCARE PROFESSIONALS
2 units
Lecture 2 units; lab 0 units
This course explores beginning theory, practice and hands-on application of aromatherapy essential oils. Students develop a deep understanding of safety and efficacy and learn to integrate the use of therapeutic essential oils into a healthcare practice. Topics include an introduction to 16 practical essential oils, history, blending and diffusion techniques, family care and treatments for specific conditions.
HEDU 010 HUMAN SEXUALITY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course surveys Human Sexuality using a multifaceted approach that includes the biological, psychological, and sociological perspectives. Historical and legal issues are addressed as well as the major contributors of sexual research. Topics may include sexual attitudes 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. Pass/No Pass Option

HEDU 011.5 CPR/AED/BASIC LIFE SUPPORT
0.5 unit
Lecture 0.5 unit; lab 0 units
Acceptable for credit: California State University
This course focuses on the cardiac chain of survival and includes the study of how to recognize and respond to cardiac and respiratory emergencies for the adult, child, and infant. Additional topics include the principles and application of CPR and the Automated External Defibrillator, as well as advanced airway management, victim and rescuer safety, and the prevention of disease transmission. Recommended for individuals with a professional duty to respond to emergencies. Pass/No Pass Option

HEDU 012 UNDERSTANDING STRESS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. Diversity and stress are examined as well as the health-related concerns associated with stress in our contemporary world. Pass/No Pass Option

History

THE FACULTY
Stephen Juarez
Tim Kelly
Melvin Fritchard

DIVISION Social Science
DIVISION CHAIRS Janis Kea & Nichola Gutierrez
DEPARTMENT CHAIR Steve Juarez
PHONE 408-741-2566
EMAIL stephen.juarez@westvalley.edu
COUNSELING 408-741-2009

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.

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

Degree
A.A., History
A.A.-T, History

ASSOCIATE IN ARTS IN HISTORY FOR TRANSFER DEGREE (A.A.-T in History)
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 who complete the Associate in Arts in History for Transfer degree (AA-T in History) 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.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses:
Course  Units
HIST 017A United States History 3
HIST 017B United States History 3
OR
HIST 017BH Honors United States History 3

List A: Select two:
HIST 005A World History: Prehistory to 1500 3
OR
HIST 004A Western Civilization I: Prehistory to 1500 CE 3
HIST 005B World History From 1500 3
OR
HIST 004B Western Civilization II: 1500 CE to Present 3

List B: Select one course from each group:

Group 1:
HIST 005A World History: Prehistory to 1500 3
HIST 005B World History From 1500 3
HIST 020 History and Geography of California 3
HIST 012 African American History 3
HIST 014 History of the Native American 3
HIST 016 Mexican-American History 3
HIST 003 Asian American History 3

Group 2:
Any course from List A not already used
ANTHR 003 Introduction to Cultural Anthropology 3
ECON 001A Principles of Macroeconomics 3
ECON 001AH Honors Principles of Macroeconomics 3
ECON 001B Principles of Microeconomics 3
ECON 001BH Honors Principles of Microeconomics 3
HIST 003 Asian American History 3
HIST 008A History of Latin America/Caribbean, Prehistory to 1825 3
HIST 008B History of Latin America/Caribbean, 1825 to Present 3
HIST 034 History of the Middle East 3
POLIT 001 American Government 3
PSYCH 001 General Psychology 3
SOC 001 Introduction to Sociology 3
WS 001 Introduction to Women's Studies: Knowledge Gender and Power 4

Total Units 18-19
GE Units (CSU GE or IGETC) 37-39
Total Degree Units 60

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60.

For crosswalk of new subject codes, see page 39

HISTORY
A.A. Degree
After completing an A.A. degree in History, a student will be able to:
• Describe how the social, political, intellectual, and economic systems of a particular society change over time.
• 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: 12 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 004A Western Civilization I: Prehistory to 1500 CE</td>
<td>3</td>
</tr>
<tr>
<td>HIST 004B Western Civilization II: 1500 CE to present</td>
<td>3</td>
</tr>
<tr>
<td>HIST 017A United States History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 017B United States History</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective Courses: 6 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 008A History of Latin America/Caribbean, Prehistory to 1825</td>
<td>3</td>
</tr>
<tr>
<td>HIST 008B History of Latin America/Caribbean, 1825 to Present</td>
<td>3</td>
</tr>
<tr>
<td>HIST 012 African American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 014 History of the Native North American</td>
<td>3</td>
</tr>
<tr>
<td>HIST 016 Mexican-American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 020 History and Geography of California</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units** 18 units

Requirements vary somewhat among four-year institutions. Consult the department advisor and counselor for transfer requirements of the institution of your choice.

To be awarded an A.A. Degree, a student must complete:

1. All the major requirements.
2. Additional units to meet the college graduation requirements.

For crosswalk of new subject codes, see page 39.

**HIST 003 ASIAN AMERICAN HISTORY**
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

History 003 examines and compares the diverse historical experiences of major Asian American groups since the mid-nineteenth century. Topics that this course covers include: origins of emigration, the formation and transformation of community and political identity; gender and family life; interethnic and intergenerational conflict; inter racial unions; and the changing roles of Asian Americans in American society.

**HIST 004A WESTERN CIVILIZATION I: PREHISTORY TO 1500 CE**
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

C-ID HIST 170

History 004A is a survey of the political, economic, social, cultural and religious development of western civilization from prehistoric times through the Protestant Reformation. Subject areas include Mesopotamia, Egypt, the Old Testament, Greece, Rome, and The Middle Ages, the rise of Christianity, the Renaissance and Protestant Reformation.

**HIST 004B WESTERN CIVILIZATION II: 1500 CE TO PRESENT**
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

C-ID HIST 180

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 English Revolution, the Scientific Revolution/Enlightenment and the French revolution. Next comes, 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.

**HIST 005A WORLD HISTORY: PREHISTORY TO 1500**
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

C-ID HIST 150

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.

**HIST 005B WORLD HISTORY FROM 1500**
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

C-ID HIST 160

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.

**HIST 012 AFRICAN AMERICAN HISTORY**
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

History 012 surveys the political, social, economic, and cultural development 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, WWII/WWIII, the Civil Rights movement, and the present state of African-Americans.

**HIST 014 HISTORY OF THE NATIVE NORTH AMERICANS**
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

History 014 is a history of Native Americans who lived in the area, which is now the United States from pre-European settlement to the present day. This course 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, exclusive of the Indians of Mexico.

**HIST 016 MEXICAN-AMERICAN HISTORY**
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

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.

**HIST 017A UNITED STATES HISTORY**
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

C-ID HIST 130

History 017A 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. Pass/No Pass Option
HIST 017B UNITED STATES HISTORY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID HIST 140

History 017B 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. Pass/No Pass Option

HIST 017BH HONORS UNITED STATES HISTORY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID HIST 140
Honors History of Western Civilization 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.

HIST 020 HISTORY AND GEOGRAPHY OF CALIFORNIA
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

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.

Honors University Transfer Program

COORDINATOR:
Ann Malimuth-Onn
DIVISION CHAIR
Leigh Burral
COORDINATOR
Ann Malimuth-Onn, Ph.D.
PHONE
408-741-2524
EMAIL
ann.malimuth-onn@westvalley.edu
COUNSELING
408-741-2009

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
Honors Program courses require a higher level of analysis in order to benefit from an innovative curriculum model called a transdisciplinary unit, which expands the concept of team-teaching and interdisciplinary instruction. An Honors Program team consists of three to four instructors who coordinate their course content and methods. The Honors Program concentrates on three instructional themes (two per semester): Civilizations of the World, Science: Inquiry and Applications, and Thought and Politics. Each transdisciplinary unit offers an integrated curriculum without sacrificing the integrity and rigor of the content of the specific disciplines. Students have the option of enrolling in one, two, or three courses depending on pre- and Corequisites, the number and type of general education courses already completed, and the requirements of their majors.

By design both our Honors Program instruction and counseling services challenge students to be involved, communicate better and meet academic standards and expectations. As a team both counseling faculty and program coordinator work effectively to support students and address any personal, academic, family-related concerns they may experience in pursuit of their academic and transfer goals.

Most students are aware of the Transfer Alliance Program (TAP) with UCLA. Honors students who wish to transfer under the terms of the Transfer Alliances with selected universities receive priority consideration.

To qualify for the TAP agreement, Honors students must complete five Honors courses or a minimum of 15 Honors units, with a 3.4 or higher GPA (specific to majors) as part of their 60 or more transferable units. Additional transfer opportunities provide students with a competitive edge when applying to other colleges and universities throughout the country.

Course enrollment is limited to approximately 20 students. Because students often register for more than one course within a transdisciplinary unit, the Honors program encourages peer support study groups, and esprit de corps.

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.

Courses in the Honors Program have been selected to fulfill University of California and California State University general education requirements.

Please refer to the following descriptions of each specific honors course listed in order to find course description, units and prerequisites.

ANTH 003H HONORS INTRODUCTION TO CULTURAL ANTHROPOLOGY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID ANTH 120
Honors Introduction to Cultural Anthropology 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 is a study of culture and social behavior as developed through the anthropological study of contemporary peoples. 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.

ARTS 001AH HONORS SURVEY OF WESTERN ART I
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID ARTH 110
Honors Survey of Western Art I 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 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. Pass/No Pass Option

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
ARTS 011H HONORS SURVEY OF WESTERN ART II
3 units
Lecture 3 units; lab 0 units
Prerequisite: Pre-approval into Honors Program. Acceptable for credit: University of California, California State University
C-ID ARTH 120
This course is a general survey of painting, sculpture, and architecture in the western world from the Renaissance to the present day, emphasizing the evolution of the changing attitudes toward form and content. Honors Survey of Art II 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. Pass/No Pass Option

ARTS 012H HONORS ART OF THE 20TH CENTURY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID ARTH 150
Honors Art of the 20th Century 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 is a general survey of painting, sculpture, and architecture in the western world from the Impressionists to the present day, emphasizing the evolution of changing attitudes toward form and content. This is an information competency infused course. Pass/No Pass Option

ARTS 004H HONORS ART APPRECIATION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID ARTH 150
Honors Art Appreciation 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 is 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 crystallization of thoughts and beliefs during different periods of history. Students have the opportunity to gain greater awareness of processes and media required to create art. Pass/No Pass Option

ASTR 020H HONORS FAMILY OF THE SUN
4 units
Lecture 3 units; lab 1 unit
Advisory: MATH 902 or MATH 902P
Acceptable for credit: University of California, California State University
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 transdisciplinary 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.

ASTR 021H HONORS LIFESTYLES OF THE STARS
4 units
Lecture 3 units; lab 3 units
Advisory: MATH 902P
Acceptable for credit: University of California, California State University
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 transdisciplinary 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.

BIOL 011H HONORS HUMAN BIOLOGY
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: University of California, California State University
Honors Human Biology 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 is an introductory biology course that uses humans as the model for understanding and applying the principles and concepts of biology. Emphasis is placed on using critical thinking skill to find solutions to everyday problems. Topics include the scientific method, cell structure and function, the physiology of human nutrition, circulation, excretion, reproduction, heredity, and how humans are related and adapted to their environment. Laboratory work includes hands-on application of concepts discussed in lectures. This course will be of particular interest to students considering careers in health. This course meets the same general education requirements as Bio 010. Biology 011 is not open to students who have completed Biology 010 with a grade of C or better.

COMM 010H HONORS PERSUASIVE SPEAKING
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 905 or qualifying assessment score
Advisory: READ 053
Acceptable for credit: University of California, California State University
C-ID COMM 190
This communication studies course offers students the opportunity to examine historical and contemporary approaches to persuasive messages throughout time. It focuses on the presentation of persuasive appeals, and learning to construct, deliver, critique, and analytically evaluate persuasive messages in a variety of contexts. This course includes preparing, outlining, and presenting at least two extemporaneous oral persuasive speeches that are given in the physical presence of other listeners. This course also includes a project that analyzes persuasive messages with a presentation of findings component. Honors Persuasive 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.

ECON 001AH HONORS PRINCIPLES OF MACROECONOMICS
3 units
Lecture 3 units; lab 0 units
Corequisite: (Course required to be taken concurrently) ECON 002AH
Prerequisite: MATH 103 or MATH 103R or Qualifying score on placement test
Acceptable for credit: University of California, California State University
C-ID ECON 202
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. This class must be taken concurrently with online laboratory Econ 2AH.

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
ECON 001H HONORS PRINCIPLES OF MICROECONOMICS
3 units
Lecture 3 units; lab 0 units
Corequisites: ECON 002BH
Prerequisite: MATH 103 or MATH 103R or Qualifying score on placement test.
Acceptable for credit: University of California, California State University
C-ID ECON 201
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 trans-disciplinary 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.

ECON 002AH HONORS PRINCIPLES OF MACROECONOMICS LAB
1 unit
Lecture 0 units; lab 1 unit
Corequisite: ECON 001AH
Acceptable for credit: University of California, California State University
C-ID ECON 202
Honors Principles of Macroeconomics Lab 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. This online laboratory introduces macroeconomic analysis and principle including 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. This lab must be taken concurrently with Econ 001AH.

ECON 002BH HONORS PRINCIPLES OF MICROECONOMICS LAB
1 unit
Lecture 0 units; lab 1 unit
Corequisite: ECON 001BH
Acceptable for credit: University of California, California State University
C-ID ECON 201
Honors Principles of Microeconomics Lab 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. This laboratory introduces microeconomic analysis, analysis of the allocation of resources and the distribution of income through a price system, economic theory related to demand, production, competitive and non-competitive product markets. This lab must be taken concurrently with Econ 001BH.

ENGL 001CH HONORS CRITICAL THINKING AND WRITING
3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 001A
Acceptable for credit: University of California, California State University
C-ID ENGL 105
Honors Critical Thinking and Writing uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, critical writing, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified trans-disciplinary unit. This course offers instruction and practice in methods of critical thinking, critical writing, and formal argument writing, emphasizing the following: the principles of classical argument structure and methods of reasoning; analysis and evaluation of rhetorical argument and texts; identification of the assumptions underlying a given argument; identification and critique of fallacies in arguments; analysis of language use and its implications in argument writing; research strategies, information literacy, and proper documentation. Students in this course practice critical thinking by writing substantive arguments, essays, and a documented research paper.

ENGL 006AH HONORS WORLD LITERATURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: Eligibility for ENGL 001A or equivalent placement score
Advisor: ENGL 001A or equivalent
Acceptable for credit: University of California, California State University
C-ID ENGL 140
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 trans-disciplinary 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, Australia, 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. Pass/No Pass Option

ENGL 006BH HONORS WORLD LITERATURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: Eligibility for ENGL 001A or equivalent placement score
Advisor: ENGL 001A or equivalent
C-ID ENGL 145
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 trans-disciplinary unit. 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 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 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. Pass/No Pass Option

ENGL 007H HONORS AMERICAN MULTI-CULTURAL LITERATURE
3 units
Lecture 3 units; lab 0 units
Advisor: ENGL 001A
Acceptable for credit: University of California, California State University
Honors American Multi-Cultural 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 trans-disciplinary unit. 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 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 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. Pass/No Pass Option

ENGL 043H HONORS CLASSICAL MYTHOLOGY
3 units
Lecture 3 units; lab 0 units
Advisor: ENGL 001A
Acceptable for credit: University of California, California State University
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 trans-disciplinary 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.

ENGL 046H HONORS CONTEMPORARY AMERICAN MULTI-CULTURAL LITERATURE
3 units
Lecture 3 units; lab 0 units
Advisor: ENGL 001A
Honors Contemporary American Multi-Cultural 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 trans-disciplinary unit. This course satisfies the 3-unit Cultural Diversity requirement for the associate degree.
ENGL 049H HONORS INTRODUCTION TO SHAKESPEARE
3 units
Lecture 3 units; lab 0 units
Advisory: ENGL 001A
Acceptable for credit: University of California, California State University
Honors Introduction to Shakespeare is being created to provide a unique course outline for the Honors course version of an existing course. The content remains the same, but the delivery methods include a higher standard of rigor based on more individualized and experiential instruction. 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. Pass/No Pass Option

ENGL 049H HONORS MODERN FICTION
3 units
Lecture 3 units; lab 0 units
Advisory: ENGL 001A
Acceptable for credit: University of California, California State University
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.

GEOL 001AH HONORS PHYSICAL GEOLOGY
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: University of California, California State University
C-ID GEOL 100, GEOL 101
Honors Physical Geology 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 the field of science as applied to the study of the nature, properties, and distribution of earth materials; how the material forms, changes, and moves throughout the earth; and how landscapes develop. It is designed to serve both the non-science major and those students intending to major in the earth sciences. Pass/No Pass Option

HIST 017H HONORS UNITED STATES HISTORY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID HIST 140
Honors HIST 017B is a survey of the political, economic, social and cultural development of the United States from Reconstruction to the present. Topics covered include Reconstruction, Industrialization, the Progressive Era, World War I, the Twenties, the New Deal and foreign policy issues of the post-WWII period including the 1950s and 60s, Vietnam and Watergate. This course also highlights the development of California State and local governments.

KINT 051H HONORS DANCE IN AMERICA: A CULTURAL PERSPECTIVE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. The course explores and analyzes indigenous dance forms including the social, political, economic, and religious significance. Pass/No Pass Option

MATH 010H HONORS ELEMENTARY STATISTICS
4 units
Lecture 4 units; lab 0 units
Prerequisite: MATH 106 or MATH 106R or MATH 108 or qualifying score on Placement Test and proof of Algebra II
Acceptable for credit: University of California, California State University
C-ID MATH 110
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.

POLI 001H HONORS AMERICAN GOVERNMENT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID POLS 110
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. This course may be used to meet Social Science Area D in the General education pattern for transfer to California State University system.

POLI 003H HONORS INTRODUCTION TO POLITICAL SCIENCE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID POLS 150
Honors Introduction to Political Science 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 is an introduction to political theory analyzing the ideological origins of nation-states from direct democracy to totalitarian forms of government. This course may be used to meet Social Science Area D requirements in the General Education pattern for transfer to California State University System.

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog
The course introduces the student to the theory and application of the scientific method with particular emphasis in the area of physiology and behavior. A computerized psychophysiology laboratory will be used to introduce students to (1) experimental design and analysis, and (2) theoretical and methodological concepts in psychophysiological research, which investigates the relationship between physiological events and behavior. General areas covered include: philosophy of science, research design, experimental procedures, data analysis, synthesis, evaluation, and summary. Elementary statistics will be incorporated into the course using actual data collected from experiments conducted during laboratory sessions. Computer modeling will be compared and contrasted with empirical research as a problem solving method. Primary references used for experimental write-ups and the final research project will require data base searching on Dialog.

THEA 010H HONORS THEATRE APPRECIATION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
Honors Theatre Appreciation 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 presents an overview of the world of theatre, including dramatic literature, technical theatre, production techniques and the critical evaluation of productions.

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

HUMN 001A HUMAN VALUES IN AND FROM THE ARTS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. It is an interdisciplinary approach to cultural epochs through the use of thematic material, ideas and values.

HUMN 001B HUMAN VALUES IN AND FROM THE ARTS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. It is an interdisciplinary approach to cultural epochs through the use of thematic material, ideas and values.

Information Competency
(See Library & Info. Studies: Library 004)

Interdisciplinary Studies
(See Student Success and/or Tutoring)

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
**INTERIOR DESIGN**

**A.S. Degree**

After completing an A.S. degree in Interior Design, a student will be able to:

- Use specialized knowledge of interior construction, building codes, equipment, materials and furnishings.
- Prepare drawings and documents relative to the design of interior spaces in order to enhance and protect the health, safety, and welfare of the public.
- Identify, research, and creatively solve problems pertaining to the function and quality of the interior environment.
- Perform services relative to interior spaces, including design analysis, programming, space planning and aesthetics.
- Prepare drawings and documents relative to the design of interior spaces in order to enhance and protect the health, safety, and welfare of the public.
- Identify, research, and creatively solve problems pertaining to the function and quality of the interior environment.

After completing a certificate in Interior Design, a student will be able to:

- Use specialized knowledge of interior construction, building codes, equipment, materials and furnishings.
- Prepare drawings and documents relative to the design of interior spaces in order to enhance and protect the health, safety, and welfare of the public.
- Identify, research, and creatively solve problems pertaining to the function and quality of the interior environment.

---

**Required Core Courses: 58 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 001B</td>
<td>3</td>
</tr>
<tr>
<td>ART 033A</td>
<td>3</td>
</tr>
<tr>
<td>ID 005</td>
<td>3</td>
</tr>
<tr>
<td>ID 010</td>
<td>3</td>
</tr>
<tr>
<td>ID 015</td>
<td>3</td>
</tr>
<tr>
<td>ID 020</td>
<td>3</td>
</tr>
<tr>
<td>ID 025</td>
<td>3</td>
</tr>
<tr>
<td>ID 028</td>
<td>3</td>
</tr>
<tr>
<td>ID 030</td>
<td>3</td>
</tr>
<tr>
<td>ID 035A</td>
<td>3</td>
</tr>
<tr>
<td>ID 035B</td>
<td>3</td>
</tr>
<tr>
<td>ID 035C</td>
<td>3</td>
</tr>
<tr>
<td>ID 040</td>
<td>3</td>
</tr>
<tr>
<td>ID 045</td>
<td>3</td>
</tr>
<tr>
<td>ID 050</td>
<td>3</td>
</tr>
<tr>
<td>ID 055</td>
<td>3</td>
</tr>
<tr>
<td>ID 060</td>
<td>3</td>
</tr>
<tr>
<td>ID 065</td>
<td>3</td>
</tr>
<tr>
<td>ID 070</td>
<td>3</td>
</tr>
<tr>
<td>ID 075</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective Courses: 3 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCTG 050</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 046</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 047</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 053</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 056</td>
<td>3</td>
</tr>
<tr>
<td>ART 031A</td>
<td>3</td>
</tr>
<tr>
<td>BUS 028</td>
<td>3</td>
</tr>
<tr>
<td>BUS 054</td>
<td>3</td>
</tr>
<tr>
<td>BUS 078</td>
<td>3</td>
</tr>
<tr>
<td>FD 027</td>
<td>3</td>
</tr>
<tr>
<td>ID 030A</td>
<td>3</td>
</tr>
<tr>
<td>ID 090A</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 018A</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units** 61

---

*Note: 18 diversified semester units in general education should include at least one course in each of the following areas: 1. Humanities and/or Fine Arts, 2. Social Sciences, 3. Math and/or Science, 4. English/Language Arts.

**INTERIOR DESIGN ADVANCED Certificate of Achievement**

After completing a certificate in Interior Design Advanced, a student will be able to:

- Identify, research, and creatively solve problems pertaining to the function and quality of the interior environment.
- Perform services relative to interior spaces, including design analysis, programming, space planning and aesthetics.
- Use specialized knowledge of interior construction, building codes, equipment, materials and furnishings.
- Prepare drawings and documents relative to the design of interior spaces in order to enhance and protect the health, safety, and welfare of the public.

**Required Core Courses: 87 units**

List A: 61 units

Completion of the Interior Design Certificate 61

List B: 25 units

- BUS 078 Business Communication 3
- DM/IS 086 Portfolio Planning and Review 3
- ID 029 Principles of Green Design 3
- ID 066 Advanced AutoCAD 3
- ID 080 Advanced Commercial Design 3
- ID 080B Advanced Residential Design 3
- ID 085 Design Detailing 3
- ID 090B Interior Design Internship 4

List C: Elective Courses: 1 unit

- ACCTG 050 Accounting for Small Business 1
- ART 031A Beginning Drawing 1
- BUS 028 Business Law 3
- BUS 054 Small Business Start-Up and Management 3
- BUS 078 Business Communication 3
- FD 027 Professional Image 3
- ID 090A Internship 3
- THEAR 018A Introduction to Stage Lighting 3

**Total Certificate Units** 87

**Computer Aided Drafting & Design Certificate of Achievement**

After completing a certificate in Computer Aided Drafting & Design, a student will be able to:

- Use AutoCAD and other digital media to prepare interior design construction drawings.

**Required Core Courses: 12 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 015</td>
<td>3</td>
</tr>
<tr>
<td>ID 065</td>
<td>3</td>
</tr>
<tr>
<td>ID 066</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective Courses: Select one: 3 units**

- ID 095 Portfolio Development and Presentation 3
- PKMGST 016A Introduction to GIS and GPS 3
- DM/IS 010C Digital Image Photoshop 3

**Total Certificate Units** 12

For crosswalk of new subject codes, see page 39

**KITCHEN AND BATH DESIGN Certificate of Achievement**

After completing a certificate in Kitchen and Bath Design, a student will be able to:

- Identify, research, and creatively solve problems pertaining to the function and quality of the interior environment.
- Perform services relative to interior spaces, including design analysis, programming, space planning and aesthetics.
- Use specialized knowledge of interior construction, building codes, equipment, materials and furnishings.
- Prepare drawings and documents relative to the design of interior spaces in order to enhance and protect the health, safety, and welfare of the public.

**Recommended Core Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 050 Kitchen and Bath</td>
<td>3</td>
</tr>
<tr>
<td>ID 080B Advanced Residential Design</td>
<td>3</td>
</tr>
<tr>
<td>ID 085 Design Detailing</td>
<td>3</td>
</tr>
<tr>
<td>ID 090C Kitchen and Bath Design Internship</td>
<td>6</td>
</tr>
</tbody>
</table>

**Total Certificate Units:** 15

For crosswalk of new subject codes, see page 39

**FACILITIES PLANNING AND DESIGN**

Certificate of Achievement

After completing a certificate in Facilities Planning & Design, a student will be able to:

- Identify, research, and creatively solve problems pertaining to the function and quality of the interior environment.
- Perform services relative to interior spaces, including design analysis, programming, space planning and aesthetics.
- Use specialized knowledge of interior construction, building codes, equipment, materials and furnishings.
- Prepare drawings and documents relative to the design of interior spaces in order to enhance and protect the health, safety, and welfare of the public.

**Required Core Courses: 12 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 060 Commercial Design</td>
<td>3</td>
</tr>
<tr>
<td>ID 065 AutoCAD - Introduction to Computer- Aided Interior Design</td>
<td>3</td>
</tr>
<tr>
<td>ID 066 Advanced AutoCAD</td>
<td>3</td>
</tr>
<tr>
<td>ID 080 Advanced Commercial Design</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Certificate Units:** 12

For crosswalk of new subject codes, see page 39

**INTERIOR RESTORATION AND PRESERVATION**

Certificate of Achievement

After completing a certificate in Interior Design Restoration and Preservation, a student will be able to:

- Demonstrate the learning outcomes of the Interior Design Certificate and A.S. Degree in Interior Design on projects related to interior restoration and preservation.

**Required Core Courses: 12 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 030A History of Furniture &amp; Interiors</td>
<td>3</td>
</tr>
<tr>
<td>ID 030B History of Furniture &amp; Interiors</td>
<td>3</td>
</tr>
<tr>
<td>ID 030C Design of Historic Interiors</td>
<td>3</td>
</tr>
<tr>
<td>ID 085 Design Detailing</td>
<td>3</td>
</tr>
</tbody>
</table>

**List A: Select one: 2 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 046 History of Architecture</td>
<td>2</td>
</tr>
<tr>
<td>ARCH 047 History of Modern Architecture</td>
<td>2</td>
</tr>
</tbody>
</table>

**List B: Select one: 3 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 048 Western Civilization II: 1500 CE to present</td>
<td>3</td>
</tr>
</tbody>
</table>

**INTD 005 INTRODUCTION TO INTERIOR DESIGN**

1 unit  Lecture 1 unit; lab 0 units

Acceptable for credit: California State University

This course introduces the Interior Design profession, its history, and related specialties and disciplines. Topics are related to the multifaceted aspects of this discipline, including the many career paths and opportunities.

**INTD 010 ELEMENTS AND PRINCIPLES OF INTERIOR DESIGN**

3 units  Lecture 2 units; lab 1 unit

Advisory: MATH 902

Acceptable for credit: California State University

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.

**INTD 015 INTERIOR ARCHITECTURAL DRAFTING**

3 units  Lecture 2 units; lab 1 unit

Advisory: MATH 902

Acceptable for credit: California State University

The course introduces the tools and techniques necessary for interior architectural drafting. Emphasis is on lettering, measuring techniques, scale problems, use of architectural graphic standards, dimensioning, plans, elevations, and sections.

**INTD 020 COLOR THEORY AND APPLICATION**

3 units  Lecture 2 units; lab 1 unit

Advisory: MATH 902

Acceptable for credit: California State University

This course is an introduction to design fundamentals and basic principles of color related to interior design. Laboratory experiences includes two and three dimensional color projects in different media.

**INTD 025 INTERIOR FINISH MATERIALS**

3 units  Lecture 3 units; lab 0 units

Advisory: MATH 902

Acceptable for credit: California State University

This course addresses the study and implementation of interior design materials and finishes including characteristics, processes and applicable codes and standards. Pass/No Pass Option

**INTD 028 INTERIOR CONSTRUCTION AND BUILDING SYSTEMS**

3 units  Lecture 3 units; lab 0 units

Advisory: MATH 901

Acceptable for credit: California State University

This course is an overview of systems used in the construction of interior environments. This 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. In-depth information is addressed in other Interior Design courses.

**INTD 029 PRINCIPLES OF GREEN DESIGN**

3 units  Lecture 3 units; lab 0 units

Prerequisite: INTD 005

Advisory: INTD 025, INTD 028, MATH 902

Acceptable for credit: California State University

This course introduces students to the history and the philosophical and practical principles of Green Design. Environmental issues, sustainable materials and methods, and application in professional practice are explored. The course provides a foundation for evaluation of materials, processes, and applications of design components related to the principles of sustainability and environmentally responsible design. By researching local, national, and international examples of Green Design, students study the implications of design decisions on the environment. Research on sustainable products, sustainable design and related construction methods are conducted. Students develop a Green Design File to organize information about products and processes associated with ecological and sustainable design practices. Pass/No Pass Option

**INTD 029A INTRODUCTION TO SUSTAINABLE DESIGN**

1 unit  Lecture 1 unit; lab 0 units

Acceptable for credit: California State University

This course is an overview of the concepts and strategies involved in sustainable building. The course covers the history of Sustainable Design, LEED categories, Build It Green, USGBC, and local and federal agencies overseeing and mandating green design. Also included are discussions of Green Point Raters, LEED AP, and additional certification opportunities along with Market advantages and greening your business. Pass/No Pass Option

**INTD 029B SUSTAINABLE DESIGN MATERIALS AND RESOURCES**

1 unit  Lecture 1 unit; lab 0 units

Advisory: INTD 029 or INTD 029A

Acceptable for credit: California State University

This course provides an in-depth look at finish materials and specifications, waste management, reuse, recycle, renovation, historical preservation techniques, local product selection, and job site management. Pass/No Pass Option

---

**Recommended Preparations in Basic Skills:**

Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
INTD 029C SUSTAINABLE DESIGN FOR RESIDENTIAL PROJECTS
1 unit
Lecture 1 unit; lab 0 units
Advisory: INTD 029 or INTD 029A and INTD 040
Acceptable for credit: California State University
This course provides an in depth look at all aspects of sustainable residential design, remodeling, kitchen and bath, furnishings, window treatments, finish materials, and lighting, and covers holistic systemic sustainable categories such as, site, water efficiency, energy efficiency, materials and resources, waste management, and interior environmental quality. Pass/No Pass Option

INTD 029D SUSTAINABLE DESIGN FOR COMMERCIAL PROJECTS
1 unit
Lecture 1 unit; lab 0 units
Advisory: INTD 029 or INTD 029A, INTD 060
Acceptable for credit: California State University
This course covers all aspects of sustainable design for commercial tenant improvements in existing office buildings and covers existing building operations and maintenance. Pass/No Pass Option

INTD 030 GRAPHIC TECHNIQUES
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: California State University
This course introduces sketching, drawing and rendering techniques for interior spaces. One and two point perspective, floor plans and elevations are drawn using quick sketch and more detailed methods. A variety of media are utilized in black and white along with an introduction to use of color. There is a focus on use of appropriate drawing methods and media for phases of the interior design process including conceptualization. Free hand techniques for drawing three dimensional views of interiors and furnishings are emphasized. Pass/No Pass Option

INTD 035A HISTORY OF FURNITURE AND INTERIORS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course covers the principal styles of furniture, interiors, and related decorative arts from antiquity through the French period. Pass/No Pass Option

INTD 035B HISTORY OF FURNITURE AND INTERIORS
3 units
Lecture 3 units; lab 0 units
Prerequisite: INTD 035A
Acceptable for credit: California State University
This course covers the principal styles of furniture, interiors, and related decorative arts from the English Period to the present.

INTD 035C DESIGN OF HISTORIC INTERIORS
3 units
Lecture 2 units; lab 1 unit
Prerequisites: INTD 010, INTD 015, INTD 020, INTD 035A, INTD 035B
Advisory: MATH 902, INTD 025, INTD 028, INTD 030, INTD 075
Acceptable for credit: California State University
This course examines the process, laws and regulations, categories, qualification criteria, and financial incentives for the interior design of historic buildings. In addition, rehabilitation of a building is explored in detail. Pass/No Pass Option

INTD 040 RESIDENTIAL DESIGN
3 units
Lecture 2 units; lab 1 unit
Prerequisites: INTD 005, INTD 010, INTD 015, INTD 020, INTD 025, INTD 030, INTD 035A, INTD 035B, INTD 050, INTD 075
Advisory: MATH 902
Acceptable for credit: California State University
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.

INTD 045 PROFESSIONAL PRACTICE
3 units
Lecture 3 units; lab 0 units
Prerequisite: INTD 040, INTD 055
Advisory: MATH 902
Acceptable for credit: California State University
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. Pass/ No Pass Only

INTD 050 KITCHEN AND BATH
3 units
Lecture 2 units; lab 1 unit
Prerequisites: INTD 005, INTD 010, INTD 015, INTD 020, INTD 025, INTD 028, INTD 030, INTD 035A, INTD 035B, INTD 065, INTD 075
Advisory: MATH 902
Acceptable for credit: California State University
This course covers the process of design for kitchens and bathrooms with emphasis on construction, working drawings, presentation drawings, finish selections and specifications. The National Kitchen and Bath Association guidelines for kitchen and bathroom design are studied and implemented.

INTD 055 INTERIOR DESIGN ESTIMATING AND COSTING
3 units
Lecture 3 units; lab 0 units
Prerequisite: INTD 025
Advisory: MATH 902, MATH 902P
Acceptable for credit: California State University
This course covers the processes and techniques of estimating and specifying materials related to finishing and furnishings of interior spaces, including window treatments, wall treatments, floor treatments, upholstery, furniture and other architectural surfaces. Pass/No Pass Option

INTD 060 COMMERCIAL DESIGN
3 units
Lecture 2 units; lab 1 unit
Prerequisite: INTD 040
Advisory: MATH 902
Acceptable for credit: California State University
This course emphasizes the planning and design for interior spaces related to commercial projects and space planning for offices and public buildings with case work detailing.

INTD 065 AUTOCAD - INTRODUCTION TO COMPUTER- AIDED INTERIOR DESIGN
3 units
Lecture 2 units; lab 1 unit
Prerequisites: DRAFT 073 or INTD 065
Advisory: MATH 902 or MATH 902P
Acceptable for credit: University of California, California State University
This course is an introduction to 2 dimensional and isometric computer-aided drafting using AutoCAD on the PC. It is designed for students with no computer experience and dual listed with DRAFT 073.

INTD 066 ADVANCED AUTOCAD
3 units
Lecture 2 units; lab 1 unit
Prerequisites: DRAFT 073 or INTD 065
Advisory: MATH 902 or MATH 902P
Acceptable for credit: University of California, California State University
This course provides an opportunity for students to use concepts acquired in ID 65 or Draft 73 in a more complex way. Advanced topics in the construction of two and three dimensional drawing and solid modeling are addressed. This course is dual listed with DRAFT 75.

INTD 070 ADVANCED GRAPHIC TECHNIQUES
3 units
Lecture 2 units; lab 1 unit
Prerequisite: INTD 030
Acceptable for credit: California State University
This course covers advanced rapid sketching and rendering techniques for interior spaces. One and two-point perspective drawing and sketching techniques using different media and presentation materials are explored.
INTD 075 LIGHTING DESIGN
3 units
Lecture 3 units; lab 0 units
Prerequisite: INTD 015
Advisory: INTD 020, MATH 902, MATH 902P
Acceptable for credit: California State University
This course covers the theory and practice of lighting design and development of drawings with lighting specifications. Pass/No Pass Option

INTD 080 ADVANCED COMMERCIAL DESIGN
3 units
Lecture 2 units; lab 1 unit
Prerequisite: INTD 060
Advisory: MATH 902, INTD 070, INTD 045
Acceptable for credit: California State University
This course involves the study of commercial interior design via projects of increased size and complexity, and of diverse use.

INTD 080B ADVANCED RESIDENTIAL DESIGN
3 units
Lecture 2 units; lab 1 unit
Prerequisite: INTD 040, INTD 045
Advisory: MATH 902
Acceptable for credit: California State University
This course covers advanced planning and design of the residential environment with an emphasis on kitchen and bathroom design. The course involves the study of advanced residential interior design via projects of increased size, detail, and complexity and addressing diverse needs.

INTD 080C ADVANCED KITCHEN AND BATHROOM DESIGN
3 units
Lecture 2 units; lab 1 unit
Prerequisites: INTD 050, INTD 045
Advisory: MATH 902
Acceptable for credit: California State University
This course covers the design of kitchens and bathrooms, with advanced study of the design process, design concept development, design phases, interior construction, building systems, materials and furnishings selections, and design documentation. Pass/No Pass Option

INTD 085 DESIGN DETAILING
3 units
Lecture 2 units; lab 1 unit
Prerequisites: INTD 028, INTD 040, INTD 060
Advisory: Math 902 or Math 902P
Acceptable for credit: California State University
This course covers the development of the design detailing process and production of detail drawings related to interior design projects.

INTD 090A INTERIOR DESIGN INTERNSHIP
3 units
Work Experience Units: 3
Prerequisites: INTD 005, INTD 010, INTD 015, INTD 020, INTD 025
Advisory: MATH 902, MATH 902P
Acceptable for credit: California State University
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. Students may apply this internship toward elective credits in the Interior Design Certificate and A.S. Degree programs. A minimum of 180 unpaid or 225 paid internship hours are required. Pass/No Pass Only

INTD 090B INTERIOR DESIGN INTERNSHIP
4 units
Work Experience Units: 4
*See p. 182
Prerequisites: INTD 040, INTD 045, INTD 050, and INTD 060
Advisory: MATH 901
Acceptable for credit: California State University
This course provides students with in-the-field 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 Interior Design Certificate courses, further enhancing the learning process. Opportunities and encouragement to continue to research career possibilities are provided. This 4-unit internship course is required for completion of the Interior Design Advanced Certificate and the FIDER Accredited Advanced Certificate programs. This course is acceptable for credit: California State University. This course is intended to provide students with experience in the interior design profession, with an emphasis on kitchen and bathroom design and related areas. A minimum of 240 unpaid or 300 paid internship hours are required. Pass/No Pass Only

INTD 090C KITCHEN AND BATH DESIGN INTERNSHIP
3 units
Prerequisite: INTD 050
*See p. 182
Advisory: MATH 902 or MATH 902P
Acceptable for credit: California State University
This course is intended to provide students with experience in the interior design profession, with an emphasis on kitchen and bathroom design and related areas. A minimum of 240 unpaid or 300 paid internship hours are required. Pass/No Pass Only

INTD 090D SUSTAINABLE DESIGN INTERNSHIP
3 units
Prerequisite: INTD 029A, INTD 029B, INTD 029C and/or INTD 029D
Advisory: MATH 902 or MATH 902P
Acceptable for credit: California State University
This course provides students with in-the-field experience specific to sustainable design, while working directly under the supervision of an interior designer or interior design-related professional with appropriate sustainable design credentials. Pass/No Pass Only

Italian
(See World Languages)

Japanese
(See World Languages)
## Kinesiology

### THE FACULTY
- Heidi Davis
- Scott Eitelgeorge
- Jennifer Kerwin
- Steven McCann
- Ann Malmuth-Onn
- Vicky Piatt
- William Rodriguez
- Diane Rudy
- Gaspar Silveira
- Paul Starks
- Rick Wiens
- Armen Zakarian

(Also see Health Care Technologies, Health Education, and Nutrition Studies)

### DIVISION
Health and Human Development

### DIVISION CHAIR
- Diane Rudy

### DEPARTMENT CHAIR
- Heidi Davis

### PHONE
- 408-741-2522

### EMAIL
- heidi.davis@westvalley.edu

### ATHLETIC DIRECTOR (INTERIM)
- John Vahos

### PHONE
- 408-741-4606

### EMAIL
- john.vahos@westvalley.edu

### COUNSELING
- 408-741-2009

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. The courses also meet the transfer degree requirement for a bachelor’s degree at CSU and most other four-year institutions. The Department offers career certificates of achievements in Sports Medicine and Dance Specialist. 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 Physical Education/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.

### Career Options
- Athletic Trainers
- Sports Medicine Aide
- Coaching
- Physical Education/Kinesiology teachers
- Dance Specialist
- Marine Diving Leadership
- Marine Diving Science
- Sports Managers
- Physical Therapists
- Fitness Instructor
- Personal trainer

### Degree
- AA-T in Kinesiology
- A.A. Kinesiology

### Certificates:
- Certified Personal Trainer
- Coaching
- Dance Specialist
- Plates Instructor

### Sports Medicine

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

### ASSOCIATE IN ARTS IN KINESIOLOGY FOR TRANSFER DEGREE (AA-T in Kinesiology)
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 who complete the Associate in Arts in Kinesiology for Transfer degree (AA-T in Kinesiology) will be able to demonstrate proficiency in human movement as it applies to sports, dance and aquatic sciences, combatives, fitness, health, nutrition and nutrition and analyze the meaning of optimal health as it applies to our nation’s population.

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 better in all courses required for the major or area of emphasis

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

#### Required Core Courses: 13 units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN.TH 030</td>
<td>Introduction to Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 047</td>
<td>Human Anatomy</td>
<td>5</td>
</tr>
<tr>
<td>BIO 048</td>
<td>Human Physiology</td>
<td>5</td>
</tr>
</tbody>
</table>

#### Required Core: Movement Based Courses: 3-5 units (minimum 3), Select a maximum of one (1) course from any three (3) of the following areas for a minimum of three units.

**Aquatics**
- KIN 2.04 Swimming – Beginning 1
- KIN 2.05 Swimming – Intermediate 1
- KIN 2.06 Swimming – Advanced 1
- KIN 2.07 Master’s Swimming 1

**Combatives**
- KIN 6.02 Karate – Beginning 1
- KIN 6.06 Karate – Intermediate 1

**Dance**
- KIN 3.02 Ballet – Beginning Level 2 1
- KIN 3.04 Ballet – Intermediate 1
- KIN 3.08 The Flamenco Dance of Spain – Beginning 1
- KIN 3.12 Jazz Dance – Beginning Level 2 1
- KIN 3.14 Jazz Dance – Intermediate 1
- KIN 3.16 Modern Dance – Beginning Level 2 2 1
- KIN 3.17 Modern Dance – Intermediate 1
- KIN 3.20 Ballroom and Latin Dance – Beginning 1

### A.A. Degree
The Associate of Arts in Kinesiology is a two year 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: 35 Units of major core courses and the General Education/Breadth Requirements for an A.A. Degree. Upon completion of all program requirements, student shall demonstrate knowledge of:

1. Basic principles of physical education and sport in our society and the role of these disciplines in school, recreation, sport, and industrial settings.
2. Human movement as it applies to sports, dance, aquatic or marine diving, combatives, fitness, health, and nutrition.
3. The social and community factors that influence controllable and uncontrollable risk factors for developing chronic disease.

### PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.

### ADVISORY is a recommended preparation, NOT a REQUIREMENT.

### This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
4. Dietary guidelines and current nutritional recommendations for various populations including athletes, older adults, and pre-natal women.

5. Major skeletal muscles and the actions of these muscles.

6. Cardiovascular and muscular adaptations to exercise.

*At San Jose State University, students are required to take Human Anatomy and Human Physiology. See a counselor for further information.

After completing an A.A. in Kinesiology, a student will be able to:

- Demonstrate proficiency in human movement as it applies to sports, dance, aquatics or 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.
- 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.

### Required Core Courses: 29 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 047 Human Anatomy</td>
<td>5</td>
</tr>
<tr>
<td>MATH 010 Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>H.ED 005 First Aid/CPR/AED: Responding to Emergencies</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 03A Fundamentals of Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>KIN.TH 030 Introduction to Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>NS 015 Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>BIO 048 Human Physiology</td>
<td>5</td>
</tr>
<tr>
<td>H.ED 008 Contemporary Health</td>
<td>3</td>
</tr>
</tbody>
</table>

### Kinesiology Activity Courses: 6 units

**Aquatic Sports**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 2.04 Swimming-Beginning</td>
<td>1</td>
</tr>
<tr>
<td>KIN 2.05 Swimming-Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 2.06 Swimming-Advanced</td>
<td>1</td>
</tr>
<tr>
<td>KIN 2.07 Master’s Swimming</td>
<td>1</td>
</tr>
</tbody>
</table>

**Dance**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 3.01 Ballet - Beginning Level 1</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.02 Ballet-Beginning Level 2</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.04 Ballet-Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.05 Ballet - Advanced</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.08 The Flamenco Dance of Spain-Beginning</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.09 The Flamenco Dance of Spain-Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.11 Jazz Dance Beginning Level 1</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.12 Jazz Dance-Beginning Level 2</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.13 Jazz Dance Advanced</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.14 Jazz Dance - Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.16A Modern Dance-Beginning Level 1</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.16 Modern Dance-Beginning Level 2</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.17 Modern Dance-Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.20 Ballroom and Latin Dance - Beginning</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.22 Ballroom and Latin Dance - Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.26 Ballroom and Latin Dance</td>
<td>1</td>
</tr>
</tbody>
</table>

**Fitness**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 3.29 Advanced Fitness</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.32 Beginning Lindy Hop &amp; Swing</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.33 Dance Intensive</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.34 Studio Dance Production</td>
<td>1</td>
</tr>
</tbody>
</table>

**Lifetime Sports**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 7.02 Badminton-Beginning</td>
<td>1</td>
</tr>
<tr>
<td>KIN 7.03 Badminton-Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 7.10 Golf-Beginning</td>
<td>1</td>
</tr>
<tr>
<td>KIN 7.11 Golf- Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 7.12 Golf-Advanced</td>
<td>1</td>
</tr>
<tr>
<td>KIN 7.18 Beginning Tennis</td>
<td>1</td>
</tr>
<tr>
<td>KIN 7.20 Intermediate Tennis</td>
<td>1</td>
</tr>
<tr>
<td>KIN 7.21 Advanced Tennis</td>
<td>1</td>
</tr>
<tr>
<td>KIN 7.23 Scuba Diving</td>
<td>2</td>
</tr>
<tr>
<td>KIN 7.24 Scuba Diving-Advanced</td>
<td>2</td>
</tr>
<tr>
<td>KIN 7.26 Studio Cycling</td>
<td>1</td>
</tr>
<tr>
<td>KIN 7.27 Studio Cycling Advanced</td>
<td>1</td>
</tr>
</tbody>
</table>

**Team Sports**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 8.03 Baseball-Advanced</td>
<td>1</td>
</tr>
<tr>
<td>KIN 8.04 Basketball, Men</td>
<td>1</td>
</tr>
<tr>
<td>KIN 8.05 Intermediate Basketball</td>
<td>1</td>
</tr>
<tr>
<td>KIN 8.06 Advanced Basketball</td>
<td>1</td>
</tr>
<tr>
<td>KIN 8.08 Soccer-Beginning, Men</td>
<td>1</td>
</tr>
<tr>
<td>KIN 8.09 Soccer-Advanced, Men</td>
<td>2</td>
</tr>
<tr>
<td>KIN 8.10 Soccor, Women</td>
<td>1</td>
</tr>
<tr>
<td>KIN 8.12 Softball-Beginning</td>
<td>1</td>
</tr>
<tr>
<td>KIN 8.13 Softball-Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 8.15 Volleyball-Beginning Skills</td>
<td>1</td>
</tr>
<tr>
<td>KIN 8.16 Volleyball-Intermediate Skills</td>
<td>1</td>
</tr>
<tr>
<td>KIN 8.17 Volleyball-Advanced Skills</td>
<td>1</td>
</tr>
<tr>
<td>KIN 8.18 Volleyball - Outdoor Sand</td>
<td>1</td>
</tr>
</tbody>
</table>

**Intercollegiate Athletics**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN.AT 9.01 Intercollegiate Beach Volleyball-Men</td>
<td>3</td>
</tr>
<tr>
<td>KIN.AT 9.02 Intercollegiate Basketball Men 1.5</td>
<td>3</td>
</tr>
<tr>
<td>KIN.AT 9.03 Intercollegiate Men’s Basketball-Post Season Fundamentals</td>
<td>1.5</td>
</tr>
<tr>
<td>KIN.AT 9.07 Intercollegiate Soccer-Men</td>
<td>3</td>
</tr>
<tr>
<td>KIN.AT 9.08 Intercollegiate Soccer-Women</td>
<td>3</td>
</tr>
<tr>
<td>KIN.AT 9.09 Intercollegiate Softball-Women</td>
<td>3</td>
</tr>
<tr>
<td>KIN.AT 9.10 Intercollegiate Swimming-Men</td>
<td>3</td>
</tr>
<tr>
<td>KIN.AT 9.11 Intercollegiate Swimming-Women</td>
<td>3</td>
</tr>
</tbody>
</table>

**Comperative and Martial Arts**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN.6.02 Karate-Beginning</td>
<td>1</td>
</tr>
<tr>
<td>KIN.6.03 Self-Defense</td>
<td>1</td>
</tr>
<tr>
<td>KIN.6.06 Karate – Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN.6.07 Kickboxing</td>
<td>1</td>
</tr>
<tr>
<td>KIN.6.08 Boxing</td>
<td>1</td>
</tr>
</tbody>
</table>

**Certificate of Achievement**

The Certificate of Personal Trainer 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 avail-
able 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.

After completing the Certified Personal Trainer Certificate, a student will be able to:

- Demonstrate knowledge of personal training and the profession and the skills, techniques, and industry standards required to become a personal trainer.
- Complete 12 units and an in-depth exploration into the field of kinesiology.

**Required Core Courses: 9 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN.TH 042 Principles of Strength Training and Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>KIN.TH 070 Principles of Exercise Prescription and Program Design</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4.15 Practical Experience in Personal Training</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.16 Fitness Weight Training</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.19 Fitness Appraisal</td>
<td>1</td>
</tr>
</tbody>
</table>

**Kinesiology Activity courses: Complete 3 units from the following**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 11.01 Yoga for Health</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.12 Fitness Stretch and Flex</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.20 Fitness, Weight Training I</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.30 Functional Fitness</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.31 Core Training</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.32 Boot Camp</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.33 Cardio Cross Training</td>
<td>1</td>
</tr>
<tr>
<td>KIN 6.07 Kickboxing</td>
<td>1</td>
</tr>
<tr>
<td>KIN 7.26 Studio Cycling</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Certificate Units** 12

For crosswalk of new subject codes, see page 39

### COACHING Certificate of Achievement

The Coaching Certificate program provides students the opportunity to gain theoretical knowledge and practical skills necessary in the field of coaching sports. In addition, this certificate prepares students to sit for the California Interscholastic Federation (CIF) coaching requirement exam. After completing this 12-unit certificate program, students are prepared for employment in the field as a sports coach. The Coaching Certificate requires the successful completion of 12 units. This program provides Career Technical Education (CTE) opportunities with comprehensive knowledge and skills specific to coaching. Skills include strength and conditioning, injury prevention, nutrition guidelines, and techniques in sport psychology. Successful completion of the CIF requirement and the West Valley College Coaching Certificate of Achievement provides students the opportunity for employment in the coaching industry. Employment opportunities include working as a tennis coach, horse trainer, football coach, athletic director, basketball coach, baseball coach, swim coach, soccer coach, or riding coach.

After completing the Coaching Certificate, a student will be able to:

- Demonstrate ability to coach individuals or groups of athletes in the fundamentals of sport, sport psychology, nutrition, strength and conditioning, and injury prevention.
- Create an outline for a total team sports program addressing the following issues, social, cultural, and diversity.
- Develop a personal philosophy on sportsmanship.
- Demonstrate knowledge of how to build team unity.
- Demonstrate knowledge of the goal setting technique and when to apply it into your training program.

**Required Core Courses: 8 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN.TH 031 Psychological Foundations of Sport</td>
<td>3</td>
</tr>
<tr>
<td>KIN.TH 032 Introduction to Coaching Sport</td>
<td>3</td>
</tr>
<tr>
<td>H.Ed 005 First Aid/CPR/ATE: Responding to Emergencies</td>
<td>2</td>
</tr>
</tbody>
</table>

**Select one course from the following list: 3 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN.TH 042 Principles of Strength Training and Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>KIN.TH 038A Introduction to Sports Medicine</td>
<td>3</td>
</tr>
<tr>
<td>NS 015 Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NS 022 Sport Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>KIN 11.05 Mindful Meditation</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.41 Speed, Plyometric, Agility, and Quickness Level 1</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.42 Speed, Plyometric, Agility, and Quickness Level 2</td>
<td>1</td>
</tr>
<tr>
<td>KIN 4.43 Speed, Plyometric, Agility, and Quickness Level 3</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Certificate Units** 12

For crosswalk of new subject codes, see page 39

### DANCE SPECIALIST Certificate of Achievement

The Certificate of Achievement in Dance Specialist provides students an opportunity for a career in dance as a performer, choreographer, or instructor. Unique job opportunities include: study instructor, teaching assistant, children’s dance instructor, community and musical theater, and group exercise instructor. Students will gain proficiency in leadership, communication, performance awareness, and artistic techniques. The major goal of the program is to prepare students for employment in dance and theater. Demonstrate proficiency as a dance instructor or performer in one dance form. After completing the 12 unit Certificate of Achievement in Dance Specialist, students are prepared to enter a professional work environment in one or more of the following careers: choreographer, dance studio instructor, dance teaching assistant, children’s dance instructor, performer, and group exercise instructor. There are no prerequisites for enrolling in this certificate program.

**Required Core Courses: 4 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN.TH 051 Dance in America: A Cultural Perspective</td>
<td>3</td>
</tr>
<tr>
<td>KIN.TH 051H Honors Dance in America: A Cultural Perspective</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3.36 Choreography</td>
<td>1</td>
</tr>
</tbody>
</table>

**Choose 6 units of technique classes, 4 units of which are at the Intermediate level or above**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 3.01 Ballet - Beginning Level 1</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.02 Ballet - Beginning Level 2</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.04 Ballet - Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.05 Ballet - Advanced</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.08 The Flamenco Dance of Spain--Beginning</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.09 The Flamenco Dance of Spain--Beginning</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.11 Jazz Dance - Beginning Level 1</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.12 Jazz Dance - Beginning Level 2</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.13 Jazz Dance - Advanced</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.14 Jazz Dance - Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.16A Modern Dance - Beginning Level 1</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.16 Modern Dance - Beginning Level 2</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.17 Modern Dance - Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.19 Modern Dance - Advanced</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.20 Ballroom and Latin Dance --Beginning</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.22 Ballroom and Latin Dance - Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.26 Ballroom Dance - Advanced</td>
<td>1</td>
</tr>
</tbody>
</table>

**Choose 2 units from the following courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 3.29 Rehearsal and Performance in Dance</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.33 Dance Intensive</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3.34 Studio Dance Production</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Certificate Units** 12

For crosswalk of new subject codes, see page 39

### PILATES INSTRUCTOR Certificate of Achievement

The Pilates Instructor Certificate of Achievement requires the successful completion of 21 units and an in-depth exploration into the field of kinesiology. This program provides Career Technical Education (CTE) opportunities in 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 reformer training. Additional topics include fitness assessment, postural analysis, exercise technique, program design, nutrition, behavioral coaching, and client relations. Upon successful completion of the Pilates Instructor Certificate of Achievement, students are prepared for employment in the fitness industry as a Pilates instructor. Upon completion of the program students are prepared to instruct Pilates mat and reformer classes,
KINESIOLOGY

WEST VALLEY COLLEGE 2017 • 2018 CATALOG

perform a postural analysis, assess fitness levels, determine readiness for physical exercise, design safe and effective Pilates exercise programs, monitor progress, and adjust training protocols to meet client goals.

Employment opportunities include working at a commercial health club, a Pilates studio, or as an entrepreneurial business owner or manager. Students are prepared to complete the Pilates Method Alliance national exam.

Upon successful completion of the program, students are prepared to design and instruct a Pilates exercise routine for healthy, aging, and special populations.

**Required Core Courses: 18 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN.TH 042</td>
<td>Principles of Strength Training and Conditioning 3</td>
</tr>
<tr>
<td>HTECH 004</td>
<td>Structure and Function of the Human Body 3</td>
</tr>
<tr>
<td>KIN 11.06</td>
<td>Pilates Reformer and Mat Instructor Training 3</td>
</tr>
<tr>
<td>KIN.TH 070</td>
<td>Principles of Exercise Prescription and Program Design 3</td>
</tr>
<tr>
<td>KIN.TH 030</td>
<td>Introduction to Kinesiology 3</td>
</tr>
<tr>
<td>NS 015</td>
<td>Human Nutrition OR</td>
</tr>
<tr>
<td>NS 022</td>
<td>Sport Nutrition 3</td>
</tr>
</tbody>
</table>

**Recommended Preparations in Basic Skills**

Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.

**SPORTS MEDICINE**

**Certificate of Achievement**

The Sports Medicine Certificate of Achievement is offered to students who are interested in learning the basic principles of human movement with an emphasis in sports medicine and exercise science. This educational sequence of courses prepares the student to sit for various National Exam Certifications such as the National Academy of Sports Medicine and American Council on Exercise.

After completing this 15 unit certificate program, students are eligible for entry-level positions as a Physical Therapy Aide, Athletic Trainer Aide, or personal trainer.

After completing the Sports Medicine Certificate of Achievement, a student will be able to:
- Demonstrate ability to design an effective strength training program for a specified client.
- Demonstrate ability to evaluate an orthopedic injury based on step by step analysis and injury mechanism.

**Required Core Courses: 13 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN.TH 039A</td>
<td>Introduction to Sports Medicine 3</td>
</tr>
<tr>
<td>KIN.TH 042</td>
<td>Principles of Strength Training and Conditioning 3</td>
</tr>
<tr>
<td>NS 015</td>
<td>Human Nutrition 3</td>
</tr>
<tr>
<td>H.ED 005</td>
<td>First Aid/CPR/AED: Responding to Emergencies 2</td>
</tr>
</tbody>
</table>

**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.

**NCPE 1.30 ADAPTED FITNESS** 0 units

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.

**NCPE 1.31 ADAPTED AEROBIC EXERCISE** 0 units

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.

**NCPE 1.32 ADAPTED CORE STRETCHING** 0 units

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.

**NCPE 1.33 ADAPTED AQUATICS** 0 units

This adapted non-credit 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.

**NCPE 1.34 ADAPTED WEIGHT TRAINING** 0 units

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.

**NCPE 1.35 ADAPTED FUNCTIONAL FITNESS** 0 units

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 student’s disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

**NCPE 1.36 ADAPTED WATER MOVEMENT** 0 units

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.

**Aquatic Sports**

**KINS 2.02 LIFEGUARD TRAINING** 1 unit

Lecture 0 units; lab 1 unit

Advisory: Intermediate swimming proficiency is recommended.

Acceptable for credit: University of California, California State University

This course provides students the opportunity to acquire skills necessary to save patrons in and around aquatic facilities and in general emergency situations. Successful completion qualifies one for the American Red Cross Lifeguard Training, Title 22 First Aid, and CPR/PRO/AED certifications. Pass/No Pass Option
KINS 2.04 SWIMMING-BEGINNING
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 2.05 SWIMMING-INTERMEDIATE
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course is designed to increase the watermanship 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. Pass/No Pass Option

KINS 2.06 SWIMMING-ADVANCED
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 2.07 MASTER’S SWIMMING
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 3.01 BALLET-BEGINNING LEVEL 1
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 3.02 BALLET-BEGINNING LEVEL 2
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course is designed to introduce the student to traditions of classical ballet. This is the second course in the beginning level ballet sequence. An emphasis is placed on exploring historical court dance forms of the Renaissance through the contemporary era. Pass/No Pass Option
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
KINS 3.26 BALLROOM AND LATIN DANCE ADVANCED
1 unit
Lecture 0 units; lab 1 unit
Advisory: KINS 3.22, or the equivalent
Acceptable for credit: California State University
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. Pass/No Pass Option

KINS 3.29 REHEARSAL AND PERFORMANCE IN DANCE
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 3.32 BEGINNING LINDY HOP AND SWING
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
Swing and Lindy have their roots in African-American culture, Big Band music, and life during war time. This course will focus on steps, patterns, and style. Pass/No Pass Option

KINS 3.33 DANCE INTENSIVE
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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 build strength, flexibility, and control. Rhythmic responses to music are emphasized along with the cultural history of the dance form and related terminology. Pass/No Pass Option

KINS 3.34 STUDIO DANCE PRODUCTION
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course is designed to provide dance students with an opportunity to develop the technical skills necessary to produce dance programs in the West Valley College studio theater. Students are given an opportunity to choreograph dances in their area of emphasis, design costumes, makeup, and lighting for a performance in the studio theater. Pass/No Pass Option

KINS 3.36 CHOREOGRAPHY
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option
**Fitness**

All fitness classes are designed to help the student develop positive attitudes and skills in one or more of the following aspects of fitness: improved cardiovascular conditioning, increased muscular endurance, greater joint flexibility, and the ability to obtain total relaxation.

**KINS 4.03 FITNESS AEROBICS**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
This course provides students with the opportunity to gain cardiovascular endurance. Activities include movement patterns incorporating hi-low impact aerobicics, intervals, running, and international dance routines. Pass/No Pass Option

**KINS 4.05 FITNESS, AQUA AEROBICS**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
This course will improve the student's cardiovascular efficiency; increase muscular strength and endurance and further develop joint flexibility through the use of continuous, vigorous water activities and exercises. Pass/No Pass Option

**KINS 4.07 FITNESS COMPETITIVE ATHLETE**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
This course provides students the opportunity to properly train and condition their body for increased strength, flexibility and endurance for athletic competition. Pass/No Pass Option

**KINS 4.12 FITNESS-STRETCH AND FLEX**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
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, muscle relaxation techniques, and use of foam rollers for soft tissue relaxation and mobilization. Pass/No Pass Option

**KINS 4.13 FITNESS WALKING**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
This course provides students the opportunity to explore the benefits of exercise through fitness walking and study the principles of exercise. Topics include how to increase cardiovascular conditioning, endurance, flexibility training, and methods of releasing body tension. Pass/No Pass Option

**KINS 4.14 FITNESS, WATER EXERCISE**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
This course presents exercises that use specific muscles while the body is submerged in water. The course helps the student become trimmer, stronger, and better conditioned.

**KINS 4.15 PRACTICAL EXPERIENCE IN PERSONAL TRAINING**
1 unit  
Lecture 0 units; lab 1 unit  
Advisory: KINT 042  
Acceptable for credit: California State University  
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. Pass/No Pass Option

**KINS 4.16 FITNESS WEIGHT TRAINING**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
This course provides students with instruction in the various components of muscular strength and conditioning utilizing a variety of equipment and resistance training. Pass/No Pass Option

**KINS 4.17 LIFETIME FITNESS LAB**
1 unit  
Lecture 0 units; lab 1 unit  
Advisory: KINT 044  
Acceptable for credit: University of California, California State University  
This course provides students with instruction in the various components of muscular strength and conditioning utilizing a variety of equipment and resistance training. Pass/No Pass Option

**KINS 4.19 FITNESS APPRAISAL**
1 unit  
Lecture 0.5 units; lab 0.5 units  
Acceptable for credit: University of California, California State University  
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. Pass/No Pass Option

**KINS 4.20 FITNESS, WEIGHT TRAINING II**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
This course provides instruction in the various components of muscular strength using current trends in personal training. Topics include high intensity interval training, Tabata and Cross-Fit protocols, and exercise prescription. Pass/No Pass Option

**KINS 4.22 STEP FITNESS**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
This course will provide students of all cardiovascular fitness levels the opportunity to participate in a movement experience using the Step Fitness movement method and equipment. The student will progress through the height levels and the step levels that will allow for his/her optimum fitness improvement. Pass/No Pass Option

**KINS 4.24 TOTAL FITNESS FOR MEN**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
This course provides students the opportunity to increase cardiovascular conditioning, muscular strength, endurance, flexibility and stress reduction. Emphasis is on training protocols for males. Pass/No Pass Option

**KINS 4.25 TOTAL FITNESS FOR WOMEN**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
This course provides students the opportunity to increase cardiovascular conditioning, muscular strength, endurance, flexibility and stress reduction. Exercise routines emphasize the needs of women. Pass/No Pass Option

**KINS 4.28 FITNESS JOGGING**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
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. Pass/No Pass Option

**KINS 4.29 BODY SCULPTING**
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
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. Pass/No Pass Option
KINS 4.30 FUNCTIONAL FITNESS
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 4.31 CORE TRAINING
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course will provide students with the opportunity to gain muscular strength for trunk stabilization. Movement patterns that strengthen the abdominals, obliques, hips, and lower back are emphasized. Pass/No Pass Option

KINS 4.32 FITNESS, BOOT CAMP
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course will provide students with the opportunity to gain improved fitness, muscle strength, and endurance. This course will utilize campus grounds and incorporate exercise stations such as obstacle courses, hurdles, and rope climbing. Other training activities will include running, calisthenics, and jumping rope. Pass/No Pass Option

KINS 4.33 CARDIO CROSS TRAINING
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course provides students the opportunity to gain improved cardiovascular fitness, flexibility, and muscle strength. This course utilizes exercise equipment to improve cardiovascular fitness. Equipment includes the stairmaster, stationary bike, treadmill, seated rowing machine, elliptical, and other apparatuses. Pass/No Pass Option

KINS 4.35 TRAIL RUNNING
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 4.36 EVERYDAY FOOD & FITNESS
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: California State University
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. Pass/No Pass Option

KINS 4.37 BALLET BARRE FITNESS
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course provides students the opportunity to gain improved muscle strength, endurance, balance, and posture. This course incorporates fitness principles from Pilates, Yoga, and Ballet for a full body workout using the ballet barre, sponge balls, and mats. Pass/No Pass Option

KINS 4.38 EVERYDAY FOOD & FITNESS
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: California State University
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. Pass/No Pass Option

KINS 4.39 FUNCTIONAL TRAINING
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course provides students the opportunity to gain improved muscle strength, endurance, balance, and posture. This course incorporates fitness principles from Pilates, Yoga, and Ballet for a full body workout using the ballet barre, sponge balls, and mats. Pass/No Pass Option

KINS 4.40 CARDIO TENNIS
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course provides students with the opportunity to gain improved cardiorespiratory fitness, flexibility, and strength while performing tennis skills. This course blends tennis techniques, drills, and training with cardiovascular, flexibility, and strengthening exercises. The emphasis is on training for speed, agility, and endurance. Pass/No Pass Option

KINS 4.41 SPEED, PLYOMETRICS, AGILITY AND QUICKNESS LEVEL 1
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course provides students the opportunity to gain awareness of basic movement patterns and principles for sports involving running. These movement patterns 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. Pass/No Pass Option

KINS 4.42 SPEED, PLYOMETRICS, AGILITY AND QUICKNESS LEVEL 2
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 4.43 SPEED, PLYOMETRICS, AGILITY AND QUICKNESS LEVEL 3
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

Combatives and Martial Arts

KINS 6.01 MMA – MIXED MARTIAL ARTS
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course introduces students to the sport skills of mixed martial arts that combines 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. Pass/No Pass Option

KINS 6.02 KARATE-BEGINNING
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course introduces the skills and philosophies of self-defense techniques and the Dojo Kun are presented. Pass/No Pass Option

KINS 6.03 SELF-DEFENSE
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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 relations to gender, body type, and strength. Pass/No Pass Option

KINS 6.06 KARATE-INTERMEDIATE
1 unit
Lecture 0 units; lab 1 unit
Advisory: KINS 6.02
Acceptable for credit: University of California, California State University
This course provides students the opportunity to develop greater proficiency in karate skills and kime. History, origins, and techniques of Shoto-kan and Gichin Funakoshi are explored. Pass/No Pass Option
**KINS 6.07 KICKBOXING**
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University

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. Pass/No Pass Option

**KINS 6.08 BOXING**
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University

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. Pass/No Pass Option

**KINS 6.10 KARATE – ADVANCED**
1 unit
Lecture 0 units; lab 1 unit
Advisory: Intermediate Karate
Acceptable for credit: University of California, California State University

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. Pass/No Pass Option

**Lifetime Sports**

Lifetime sports classes are designed to teach skills in sports activities in which the student can experience lifelong participation.

**KINS 7.02 BADMINTON-BEGINNING**
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University

This course introduces students to the fundamentals of badminton and the strategies of the game at a beginning level. Pass/No Pass Option

**KINS 7.03 BADMINTON-INTERMEDIATE**
1 unit
Lecture 0 units; lab 1 unit
Advisory: KINS 7.02
Acceptable for credit: University of California, California State University

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. Pass/No Pass Option

**KINS 7.10 GOLF-BEGINNING**
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University

This course provides students the opportunity to learn beginning golf skills and knowledge needed to play golf. Pass/No Pass Option

**KINS 7.11 GOLF-INTERMEDIATE**
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University

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. Pass/No Pass Option

**KINS 7.12 GOLF-ADVANCED**
1 unit
Lecture 0 units; lab 1 units
Advisory: KINS 7.11
Acceptable for credit: University of California, California State University

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. Pass/No Pass Option

---

**Recommended Preparations in Basic Skills:**
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 901. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
KINS 7.18 BEGINNING TENNIS
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course includes instruction on the basic fundamentals of tennis and provides students the opportunity to master ground strokes skills. Mastery of these skills will enable the student to progress to the next level of tennis. Pass/No Pass Option

KINS 7.20 INTERMEDIATE TENNIS
1 unit
Lecture 0 units; lab 1 unit
Advisory: KINS 7.19
Acceptable for credit: University of California, California State University
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 will enable the student to progress to the next level of tennis.

KINS 7.21 ADVANCED TENNIS
1 unit
Lecture 0 units; lab 1 unit
Advisory: KINS 7.20
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 7.23 SCUBA DIVING
2 units
Lecture 1.5 units; lab 0.5 units
Acceptable for credit: University of California, California State University
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 completing Open Water training may qualify for dive certification.

KINS 7.24 SCUBA DIVING-ADVANCED
2 units
Lecture 1.5 units; lab 0.5 units
Advisory: Recommended internationally recognized certification as an open water SCUBA Diver.
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 7.26 STUDIO CYCLING
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course provides students with the opportunity to gain muscular strength and cardiovascular endurance through stationary cycling. 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. Pass/No Pass Option

KINS 7.27 STUDIO CYCLING ADVANCED
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
Team Sports

KINS 8.03 BASEBALL-ADVANCED
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course provides students the opportunity to develop advanced baseball skills and techniques for throwing, catching, batting, and bunting. Pass/No Pass Option

KINS 8.04 BEGINNING BASKETBALL
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course is designed to teach the basic skills, techniques, rules, and strategies of basketball. Pass/No Pass Option

KINS 8.05 INTERMEDIATE BASKETBALL
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 8.06 ADVANCED BASKETBALL
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 8.08 SOCCER-BEGINNING, MEN
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course provides students the opportunity to learn basic skills, strategies, and techniques of men’s soccer. This course emphasizes dribbling, kicking, and passing. Pass/No Pass Option

KINS 8.09 SOCCER-ADVANCED, MEN
2 units
Lecture 0 units; lab 2 units
Advisory: KINS 8.08
Acceptable for credit: University of California, California State University
This is an advanced course 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. Pass/No Pass Option

KINS 8.10 SOCCER, WOMEN
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course provides students the opportunity to develop the skills, strategies, and athletic ability necessary for participation in women’s soccer. Pass/No Pass Option

KINS 8.12 SOFTBALL-BEGINNING
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course provides students the opportunity to develop softball skills and participate on a softball team in a class setting. Softball skills for the beginning player include fielding the ball, throwing, running, and hitting. Pass/No Pass Option

KINS 8.13 SOFTBALL-INTERMEDIATE
1 unit
Lecture 0 units; lab 1 unit
Advisory: KINS 8.12
Acceptable for credit: University of California, California State University
This course provides students the opportunity to develop intermediate softball skills for pitching and bunting. This course includes competitive team play. Pass/No Pass Option

KINS 8.15 VOLLEYBALL-BEGINNING SKILLS
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course is a continuation of the study of volleyball for the beginners. Topics include digging and blocking. Pass/No Pass Option

KINS 8.16 VOLLEYBALL-INTERMEDIATE SKILLS
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course is a continuation of the study of volleyball begun in PE 8.15 and provides students the opportunity to develop the volleyball skills for digging and blocking. Pass/No Pass Option

KINS 8.17 VOLLEYBALL-ADVANCED SKILLS
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 8.18 VOLLEYBALL-OUTDOOR SAND
1 unit
Lecture 0 units; lab 1 unit
Advisory: KINS 8.15
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 8.20 INTRODUCTION TO SPORT FUNDAMENTALS
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 8.21 FUNDAMENTALS OF SPORT-BEGINNING
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 8.22 FUNDAMENTALS OF SPORT-INTERMEDIATE
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 8.23 FUNDAMENTALS OF SPORT-ADVANCED
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

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.
KINA 9.01 INTERCOLLEGIATE BASEBALL-MEN
3 units
Lecture 0 units; lab 3 units
Advisory: KINS 8.03
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINA 9.02 INTERCOLLEGIATE BASKETBALL-MEN
1.5 unit
Lecture 0 units; lab 1.5 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINA 9.03 INTERCOLLEGIATE MEN’S BASKETBALL-POST-SEASON FUNDAMENTALS
1.5 units
Lecture 0 units; lab 1.5 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINA 9.07 INTERCOLLEGIATE SOCCER-MEN
3 units
Lecture 0 units; lab 3 units
Advisory: KINS 8.09
Acceptable for credit: University of California, California State University
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, kicking, 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. Pass/No Pass Option

KINA 9.08 INTERCOLLEGIATE SOCCER-WOMEN
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: University of California, California State University
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, 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. Pass/No Pass Option

KINA 9.09 INTERCOLLEGIATE SOFTBALL-WOMEN
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: University of California, California State University
This course provides intercollegiate softball competition. Students are given the opportunity to develop a high degree of 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. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
KINA 9.10 INTERCOLLEGIATE SWIMMING-MEN
3 units
Lecture 0 units; lab 3 units
Advisory: KINS 2.06 or interscholastic h.s. or club participation
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINA 9.11 INTERCOLLEGIATE SWIMMING-Women
3 units
Lecture 0 units; lab 3 units
Advisory: KINS 2.06 or interscholastic h.s. or club participation
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINA 9.16 INTERCOLLEGIATE BEACH VOLLEYBALL-Women
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: California State University
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. Pass/No Pass Option

KINA 9.17 INTERCOLLEGIATE VOLLEYBALL-Women
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINA 9.18 INTERCOLLEGIATE WATER POLO-MEN
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINA 9.20 WOMEN’S INTERCOLLEGIATE WATER POLO
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: University of California, California State University
This course provides intercollegiate competition for women 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 Option

KINA 9.30 INTERCOLLEGIATE PRE-SEASON CONDITIONING
1 unit
Lecture 0 units; lab 1 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINA 9.41 ATHLETIC BASEBALL - SKILLS AND TECHNIQUES
2 units
Lecture 0 units; lab 2 units
Acceptable for credit: University of California, California State University
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 skill level. Pass/No Pass Option

KINA 9.42 ATHLETIC BASKETBALL - SKILLS AND TECHNIQUES
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINA 9.47 ATHLETIC MEN’S SOCCER - SKILLS AND TECHNIQUES
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
The course provides the opportunity for students to develop advanced intercollegiate men’s soccer skills and techniques. This course provides instruction in soccer 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. Pass/No Pass Option

KINA 9.48 ATHLETIC WOMEN’S SOCCER - SKILLS AND TECHNIQUES
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
The course provides the opportunity for students to develop advanced intercollegiate women’s soccer skills and techniques. This course provides instruction in soccer 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. Pass/No Pass Option

KINA 9.49 ATHLETIC SOFTBALL - SKILLS AND TECHNIQUES
2 units
Lecture 0 units; lab 2 units
Acceptable for credit: University of California, California State University
The course provides the opportunity for students to develop advanced intercollegiate women’s softball skills and techniques. This course provides instruction in softball 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. Pass/No Pass Option

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
KINA 9.55 ATHLETIC MEN’S WATER POLO - SKILLS AND TECHNIQUES
1 unit
Lecture 0 hours; lab 1 unit
Acceptable for credit: University of California, California State University
The course provides student-athletes the opportunity to develop advanced intercollegiate water polo skills and techniques. This course provides instruction in water polo specific rules, techniques, equipment, 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. Pass/No Pass Option

KINA 9.56 ATHLETIC WOMEN’S WATER POLO - SKILLS AND TECHNIQUES
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
The course provides the opportunity for students to develop advanced intercollegiate water polo skills and techniques. This course provides instruction in water polo specific 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. Pass/No Pass Option

KINA 9.60 POST SEASON CONDITIONING
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

Mind/Body/Wellness

KIN 11.01 YOGA FOR HEALTH
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course emphasizes the physical practice of yoga exercises. This course provides students the opportunity for gentle muscle stretching and increased range of motion around the joints. This course includes breathing and relaxation techniques. Pass/No Pass Option

KINS 11.02 INTERMEDIATE YOGA
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course provides students the opportunity to practice intermediate yoga postures including neutral spine, standing poses, forward bends, twists, inversions and extensions. This class 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. Pass/No Pass Option

KINS 11.03 GENTLE RESTORATIVE EXERCISE
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
KINS 11.04 POWER YOGA
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 11.05 MINDFUL MEDITATION
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 11.06 PILATES REFORMER AND MAT INSTRUCTOR TRAINING
3 units
Lecture 1 unit; lab 2 units
Acceptable for credit: California State University
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. 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. Pass/No Pass Option

KINS 11.08 PILATES MAT WORKOUT
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 11.09 INTERMEDIATE PILATES MAT WORKOUT
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINS 12.03 DIVE MASTER
2 units
Lecture 1.5 units; lab 0.5 units
Advisory: A certification with a nationally recognized dive agency with the Assistant Instructor rating is recommended.
Acceptable for credit: University of California, California State University
This course provides students the opportunity to gain the skills, knowledge, and experience required to administer leadership for groups of certified divers during SCUBA diving activities. This course provides an overview of diving equipment, function and maintenance. This course includes skills for successful boat diving, boat handling, and seamanship. Pass/No Pass Option

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
KINS 12.04 ASSISTANT SCUBA INSTRUCTOR
2 units
Lecture 1.5 units; lab 0.5 units
Advisory: NAUI certified Master Diver or equivalent rating.
Acceptable for credit: University of California, California State University
This course provides students the opportunity to acquire the skills, knowledge, and experience needed to assist in all phases of SCUBA instruction. The course covers teaching standards, skills, and techniques for effective teaching of marine diving education. Pass/No Pass Option

KINS 12.11 MASTER DIVER
2 units
Lecture 1.5 units; lab 0.5 units
Prerequisite: KINS 7.24
Acceptable for credit: University of California, California State University
This course explores the theoretical and practical concepts and skills of advanced diving science and diving technology. Topics include search and salvage, medical aspects of barotrauma, and marine science. Upon successful completion of this course, students have an opportunity to qualify for NAUI Master Diver certification. Pass/No Pass Option

KINS 12.20 OPEN WATER DIVER
1.5 units
Lecture 1 unit; lab 0.5 units
Corequisites: KINS 7.23 Concurrently enroll in KINS 7.23 or provide instructor documentation of equivalency.
Acceptable for credit: University of California, California State University
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 will have an opportunity to qualify for an Open Water Diver SCUBA certification. Pass/No Pass Option

KINS 12.21 SPECIALTY DIVER
1.5 units
Lecture 1 unit; lab 0.5 units
Prerequisite: Students need to document successful completion of Open Water Diver certification dives.
Advisory: KIN 7.24 and KIN 12.22
Acceptable for credit: University of California, California State University
This course provides students the opportunity to obtain skills of specialized diving in open water. This course emphasizes deep water diving, limited visibility diving, search and recovery, and underwater navigation systems. Upon successful completion of this course, students are awarded the NAUI Specialty Diver certification. Pass/No Pass Option

KINS 12.22 ADVANCED MARINE DIVER
1.5 units
Lecture 1 unit; lab 0.5 units
Corequisites: KINS 7.24 Concurrent enrollment in 7.24 or provide instructor documentation of equivalency.
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
Kinesiology Theory

Learning Outcomes
After completing courses in Physical Education 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.

KINT 030 INTRODUCTION TO KINESIOLOGY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID KIN 100
This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. Pass/No Pass Option

KINT 031 PSYCHOLOGICAL FOUNDATIONS OF SPORT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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 will be presented. This course provides students an opportunity to establish a goal and work toward it by implementing concepts in sport psychology. Pass/No Pass Option

KINT 032 INTRODUCTION TO COACHING SPORT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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. Pass/No Pass Option

KINT 033A INTRODUCTION TO SPORTS MEDICINE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINT 039A SPORTS INJURY MANAGEMENT
2 units
Lecture 1 unit; lab 1 unit
Advisor: HEDU 005
Acceptable for credit: California State University
This course provides the student with exposure to basic sports medicine techniques, athletic training room operation, immediate recognition and treatment of injuries unique to fall sports which consist of soccer, basketball, volleyball and water polo. Pass/No Pass Option

KINT 040 INTRODUCTION TO OPTIMAL PERFORMANCE TRAINING AND CONDITIONING
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

KINT 042 PRINCIPLES OF STRENGTH TRAINING AND CONDITIONING
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course provides the student with an opportunity to understand and apply the development, maintenance, and assessment of cardiovascular endurance, strength, and flexibility. Course content includes: theories of fitness, lifestyle changes, nutrition, weight management, and the development of an exercise program that may lead to a healthier lifestyle. Students are given the opportunity to participate in lab activities consisting of a variety of fitness tests and measurements. Pass/No Pass Option

KINT 044 LIFETIME FITNESS
2 units
Lecture 2 units; lab 0 units
Acceptable for credit: University of California, California State University
This course provides students the opportunity for understanding the essentials of personal training as a profession. Topics include human anatomy and physiology, exercise science, program design, fitness assessments, and health screenings. Personal training as a career and business ownership are also discussed. Pass/No Pass Option

KINT 050A HONORS DANCE IN AMERICA: A CULTURAL PERSPECTIVE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. The course explores and analyzes indigenous and world dance forms including their social, political, economic, and religious significance. Pass/No Pass Option

KINT 070 PRINCIPLES OF EXERCISE PRESCRIPTION AND PROGRAM DESIGN
3 units
Lecture 3 unit; lab 0 unit
Advisor: KINT 042
Acceptable for credit: University of California, California State University
This course provides students the opportunity for understanding the essentials of personal training as a profession. Topics include human anatomy and physiology, exercise science, program design, fitness assessments, and health screenings. Personal training as a career and business ownership are also discussed. Pass/No Pass Option

Kitchen and Bathroom Design
(See Interior Design)

Landscape Architecture
(See Architecture)

Languages
(See World Languages)

Latin
(See World Languages)
Liberal Arts

ASSOCIATE IN ARTS IN LIBERAL ARTS
DEGREE (A.A. in Liberal Arts)

The Associate of Arts in Liberal Arts degree is designed for students who wish to develop a broad knowledge of liberal arts and science plus additional coursework in an “Area of Emphasis”. The Area of Emphasis is designed to prepare students for life in the global community with core knowledge, skills, and attitudes essential for personal and professional success. A student:

1. Can earn only one AA in Liberal Arts with a and professional success. A student:

2. Must complete at least 18 units with a “C” grade or better in one of the five areas of emphasis.
3. Must fulfill the graduation requirement in Associate Degree general education of at least 25 units.
4. Must meet the proficiency requirements in Reading, Writing, Mathematics, and Information Competency. Courses completed in an area of emphasis may also be used to complete a GE area.
5. Must complete additional elective units to meet the 60 total units for the degree.

After completing an A.A. in Liberal Arts, a student will be able to:

• Develop effective speaking and writing skills.
• Analyze and solve problems by using thoughtful and logical reasoning skills.

I. Arts and Humanities

| ART 013 | African American Art History | 3 |
| ART 014 | Women in Art History | 3 |
| ART 031A | Beginning Drawing | 3 |
| ART 031B | Expressive Drawing | 3 |
| ART 031C | Representational Drawing | 3 |
| ART 033A | Two-Dimensional Design | 3 |
| ART 033C | Color Design | 3 |
| ART 062A | Basic Photography | 3 |
| ART 062B | Intermediate Photography | 3 |
| ART 062C | Color Photography | 3 |
| ART 062D | Studio Photography | 3 |
| ART 065A | Ceramics – Handbuilding | 3 |
| ART 065B | Ceramics – Handbuilding | 3 |
| ART 065C | Ceramics – Handbuilding | 3 |
| ART 067A | Ceramics – Potter’s Wheel | 3 |
| ART 067B | Ceramics – Potter’s Wheel | 3 |
| ART 085A | Sculpture | 3 |
| ART 085B | Sculpture | 3 |
| ART 088A | Metal Sculpture Casting | 3 |
| ART 088B | Metal Sculpture Casting | 3 |
| ART 001A | English Composition | 3 |
| ART 001B | Critical Thinking Through Literature | 3 |
| ART 001C | Critical Thinking and Writing | 3 |
| ART 005A | Survey of English Literature | 3 |
| ART 005B | Survey of English Literature | 3 |
| ART 006A | World Literature | 3 |
| ART 006B | World Literature | 3 |
| ART 007A | American Literature | 3 |
| ART 007B | American Literature | 3 |
| ART 010 | Children’s Literature | 3 |
| ART 041 | Literature and Film | 3 |
| ART 043 | Classical Mythology | 3 |
| ART 044 | The Bible as Literature | 3 |
| ART 047 | Introduction to Poetry | 3 |
| ART 048 | Introduction to Shakespeare | 3 |
| ART 049 | Modern Fiction | 3 |
| ART 070 | Creative Writing | 3 |
| ART 071 | Intermediate Fiction Writing | 3 |
| ART 072 | Intermediate Poetry Writing | 3 |
| FDO 027 | Professional Image | 3 |
| FDO 030 | Introduction to Fashion Design | 3 |
| FDO 032 | History of Fashion | 3 |
| HIST 004A | Western Civilization I: Prehistory to 1500 CE | 3 |
| HIST 004B | Western Civilization II: 1500 CE to Present | 3 |
| HIST 012 | African American History | 3 |
| HIST 014 | History of the Native North American | 3 |
| HIST 016 | Mexican-American History | 3 |
| HIST 017A | United States History | 3 |
| HIST 017B | United States History | 3 |
| HIST 020 | History of Geography of California | 3 |
| HUMAN 001A | Human Values in and from the Arts | 3 |
| HUMAN 001B | Human Values in and from the Arts | 3 |
| ID 010 | Elements and Principles of Interior Design | 3 |
| ID 020 | Color Theory and Application | 3 |
| MUSIC 001 | Music History | 3 |
| MUSIC 002 | Music History | 3 |
| MUSIC 005 | Fundamentals of Music | 3 |
| MUSIC 007 | Film Music Appreciation | 3 |
| MUSIC 009 | Jazz-Past and Present | 3 |
| MUSIC 010 | Music Appreciation | 3 |
| MUSIC 020A | Musicianship Level 1 | 1 |

• PREREQUISITES and COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also require a math course prior to enrollment. See individual course descriptions for math recommendations.

### III. Social and Behavioral Sciences Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 001</td>
<td>Introduction to Administration of Justice</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 002</td>
<td>Concepts of Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 003</td>
<td>Principles &amp; Procedures of the Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 004</td>
<td>Legal Aspects of Evidence</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 005</td>
<td>Organized Crime</td>
<td>3</td>
</tr>
<tr>
<td>HIST 017A</td>
<td>United States History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 017B</td>
<td>United States History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 020</td>
<td>History and Geography of California</td>
<td>3</td>
</tr>
<tr>
<td>LS 001</td>
<td>Learning Strategies for College and Life</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 001</td>
<td>American government</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 002</td>
<td>Comparative Governments</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 003</td>
<td>Introduction to Political Science</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 004</td>
<td>International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 001</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 009</td>
<td>Psychology Women: A Multicultural</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 012</td>
<td>Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 017</td>
<td>Introduction to Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 025</td>
<td>Introduction to Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 030</td>
<td>Psychology of Addiction and Substance</td>
<td>3</td>
</tr>
<tr>
<td>SOC 001</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 002</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SOC 003</td>
<td>Social Psychology: A Sociological</td>
<td>3</td>
</tr>
<tr>
<td>SOC 020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>SOC 028</td>
<td>Sociology of Gender</td>
<td>3</td>
</tr>
<tr>
<td>SOC 040</td>
<td>Marriage and Family Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 045</td>
<td>Sociology of Human Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>WGS 001</td>
<td>Introduction to Women's Studies</td>
<td>3</td>
</tr>
<tr>
<td>WGS 002</td>
<td>Women in the Arts: Multicultural Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>WGS 003</td>
<td>Introduction to Gender Studies</td>
<td>3</td>
</tr>
<tr>
<td>WGS 004A</td>
<td>Women in World Cultures from Prehistory to 1500 CE</td>
<td>3</td>
</tr>
</tbody>
</table>

### IV. Science and Math Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 001</td>
<td>Introduction to Physical Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ASTRO 002</td>
<td>Astronomy Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>ASTRO 005</td>
<td>Planetarium Astronomy</td>
<td>2</td>
</tr>
<tr>
<td>ASTRO 010</td>
<td>Solar System Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>ASTRO 011</td>
<td>Stellar Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>ASTRO 014</td>
<td>Life in the Universe</td>
<td>3</td>
</tr>
<tr>
<td>ASTRO 020</td>
<td>Family of the Sun</td>
<td>4</td>
</tr>
<tr>
<td>ASTRO 021</td>
<td>Lifestyles of the Stars</td>
<td>4</td>
</tr>
<tr>
<td>ASTRO 021H</td>
<td>Honors Lifestyles of the Stars</td>
<td>4</td>
</tr>
<tr>
<td>ASTRO 022</td>
<td>From Big Bang to Black Holes</td>
<td>3</td>
</tr>
<tr>
<td>ASTRO 030</td>
<td>Field Astronomy</td>
<td>1</td>
</tr>
<tr>
<td>BIO 002</td>
<td>Environmental Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 010</td>
<td>Introduction to Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 010L</td>
<td>Introduction to Biology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIO 011</td>
<td>Human Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 012</td>
<td>Introduction to Ecology and Wildlife</td>
<td>3</td>
</tr>
<tr>
<td>BIO 013</td>
<td>Natural History of California</td>
<td>3</td>
</tr>
<tr>
<td>BIO 014</td>
<td>California Plants and Animals</td>
<td>4</td>
</tr>
<tr>
<td>BIO 018</td>
<td>Marine Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 022</td>
<td>Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIO 023</td>
<td>Introduction to Infectious Diseases</td>
<td>3</td>
</tr>
<tr>
<td>BIO 024</td>
<td>Contemporary Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 036</td>
<td>Animal Behavior</td>
<td>3</td>
</tr>
<tr>
<td>BIO 041</td>
<td>Principles of Animal Biology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 042</td>
<td>Principles of Plant Biology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 043</td>
<td>Principles of Cell Biology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 045</td>
<td>Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 047</td>
<td>Human Anatomy</td>
<td>5</td>
</tr>
<tr>
<td>BIO 048</td>
<td>Human Physiology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 055</td>
<td>Biology of Sex</td>
<td>3</td>
</tr>
<tr>
<td>BIO 056</td>
<td>Ecology of the Sierra Nevada</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 001A</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 001B</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 002</td>
<td>Introduction Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 012A</td>
<td>Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 012B</td>
<td>Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 030A</td>
<td>Fundamentals of Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 030B</td>
<td>Fundamentals of Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CIS 004A</td>
<td>Computer Programming I (C++)</td>
<td>4</td>
</tr>
<tr>
<td>CIS 004A1</td>
<td>Computer Programming I (Java)</td>
<td>4</td>
</tr>
<tr>
<td>CIS 004B</td>
<td>Computer Programming II (C++)</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 010</td>
<td>Introduction to Engineering</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 020</td>
<td>Engineering Graphics</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 021</td>
<td>Intro Computing for Scientists and Engineers</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 001</td>
<td>Intro Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 001A</td>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 001B</td>
<td>Historical Geology</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 002B</td>
<td>Historical Geology Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>GEOL 015</td>
<td>Geology of California</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 020</td>
<td>Field of Geology</td>
<td>2</td>
</tr>
<tr>
<td>HTECH 004</td>
<td>Structure and Function of the Human Body</td>
<td>3</td>
</tr>
<tr>
<td>MATH 00D</td>
<td>Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MATH 00G</td>
<td>Mathematics for the Liberal Arts Student</td>
<td>4</td>
</tr>
<tr>
<td>MATH 001</td>
<td>Pre-Calculus Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH 002</td>
<td>Pre-Calculus Algebra and Trigonometry</td>
<td>6</td>
</tr>
<tr>
<td>MATH 003A</td>
<td>Calculus and Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 003B</td>
<td>Calculus and Analytical Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 004A</td>
<td>Intermediate Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 004B</td>
<td>Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>MATH 004C</td>
<td>Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH 008</td>
<td>Finite Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 012</td>
<td>Applied Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 014</td>
<td>Math for Elementary School Teachers</td>
<td>3</td>
</tr>
<tr>
<td>MATH 019</td>
<td>Discrete Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>NS 015</td>
<td>Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NS 022</td>
<td>Sports Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>OCEAN 010</td>
<td>Introduction to Oceanography</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 014</td>
<td>Conservation of Our Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 010</td>
<td>Physical Science Survey</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 020</td>
<td>Weather and Climate</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 001</td>
<td>Introduction to Physics Problem Solving</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 002A</td>
<td>General Physics – Mechanics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 002B</td>
<td>General Physics – Electricity and Magnetism</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 004A</td>
<td>Engineering Physics – Mechanics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 004B</td>
<td>Engineering Physics – Electricity and Magnetem</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 004C</td>
<td>Engineering Physics – Light, Heat and Waves</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 004D</td>
<td>Advanced Topics in Modern Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 010</td>
<td>Conceptual Introduction to Physics</td>
<td>4</td>
</tr>
<tr>
<td>PSYCH 002</td>
<td>Experimental Psychophysics</td>
<td>4</td>
</tr>
<tr>
<td>PSYCH 007</td>
<td>Physiological Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

### V. Cultural and Global Studies Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 001</td>
<td>Introduction to Physical Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>HIST 017A</td>
<td>United States History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 017B</td>
<td>United States History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 020</td>
<td>History and Geography of California</td>
<td>3</td>
</tr>
<tr>
<td>HIST 021</td>
<td>Learning Strategies for College and Life</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 001</td>
<td>American government</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 002</td>
<td>Comparative Governments</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 003</td>
<td>Introduction to Political Science</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 004</td>
<td>International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 001</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 009</td>
<td>Psychology Women: A Multicultural</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 012</td>
<td>Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 017</td>
<td>Introduction to Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 025</td>
<td>Introduction to Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 030</td>
<td>Psychology of Addiction and Substance</td>
<td>3</td>
</tr>
<tr>
<td>SOC 001</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 002</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SOC 003</td>
<td>Social Psychology: A Sociological</td>
<td>3</td>
</tr>
<tr>
<td>SOC 020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>SOC 028</td>
<td>Sociology of Gender</td>
<td>3</td>
</tr>
<tr>
<td>SOC 040</td>
<td>Marriage and Family Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 045</td>
<td>Sociology of Human Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>WGS 001</td>
<td>Introduction to Women's Studies</td>
<td>3</td>
</tr>
<tr>
<td>WGS 002</td>
<td>Women in the Arts: Multicultural</td>
<td>3</td>
</tr>
<tr>
<td>WGS 003</td>
<td>Introduction to Gender Studies</td>
<td>3</td>
</tr>
<tr>
<td>WGS 004A</td>
<td>Women in World Cultures from Prehistory to 1500 CE</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Units</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>ANTH 003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 004</td>
<td>Intro to Linguistic Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 055</td>
<td>Anthropology of Magic, Witchcraft, and Religion</td>
<td>3</td>
</tr>
<tr>
<td>ART 007</td>
<td>The Art of Asia</td>
<td>3</td>
</tr>
<tr>
<td>ART 010</td>
<td>American Art: A Multicultural Approach</td>
<td>3</td>
</tr>
<tr>
<td>ART 012A</td>
<td>Art of Pre-Hispanic Mexico</td>
<td>3</td>
</tr>
<tr>
<td>ART 012B</td>
<td>Art of Colonial and Modern Mexico</td>
<td>3</td>
</tr>
<tr>
<td>ART 013</td>
<td>African-American Art History</td>
<td>3</td>
</tr>
<tr>
<td>ART 014</td>
<td>Women in Art History</td>
<td>3</td>
</tr>
<tr>
<td>ARAB 001A</td>
<td>Beginning Arabic</td>
<td>5</td>
</tr>
<tr>
<td>CHS 005</td>
<td>Diversity: Childhood and Culture</td>
<td>3</td>
</tr>
<tr>
<td>CHS 053</td>
<td>Contemporary Education in a Changing Society</td>
<td>3</td>
</tr>
<tr>
<td>CHIN 001A</td>
<td>Beginning Chinese</td>
<td>5</td>
</tr>
<tr>
<td>COMM 012</td>
<td>Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>COUNS 050</td>
<td>Cross-Cultural Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 012</td>
<td>African American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 013</td>
<td>Latino / Chicoano Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 018</td>
<td>Asian American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 046</td>
<td>Contemporary American Multicultural Literature</td>
<td>3</td>
</tr>
<tr>
<td>FRNCH 001A</td>
<td>Beginning French</td>
<td>5</td>
</tr>
<tr>
<td>FRNCH 001B</td>
<td>Beginning French</td>
<td>5</td>
</tr>
<tr>
<td>FRNCH 002A</td>
<td>Intermediate French</td>
<td>5</td>
</tr>
<tr>
<td>FRNCH 002B</td>
<td>Intermediate French</td>
<td>5</td>
</tr>
<tr>
<td>GEOG 002</td>
<td>Intro Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 006</td>
<td>World Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>GERM 001A</td>
<td>Beginning German</td>
<td>5</td>
</tr>
<tr>
<td>GERM 001B</td>
<td>Beginning German</td>
<td>5</td>
</tr>
<tr>
<td>GERM 002A</td>
<td>Intermediate German</td>
<td>5</td>
</tr>
<tr>
<td>GERM 002B</td>
<td>Intermediate German</td>
<td>5</td>
</tr>
<tr>
<td>HIST 003</td>
<td>Asian American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 005A</td>
<td>World History: Prehistory to 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 005B</td>
<td>World History from 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 012</td>
<td>African American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 014</td>
<td>History of the Native North American</td>
<td>3</td>
</tr>
<tr>
<td>HIST 016</td>
<td>Mexican-American History</td>
<td>3</td>
</tr>
<tr>
<td>ITAL 001A</td>
<td>Beginning Italian</td>
<td>5</td>
</tr>
<tr>
<td>ITAL 001B</td>
<td>Beginning Italian</td>
<td>5</td>
</tr>
<tr>
<td>ITAL 002A</td>
<td>Intermediate Italian</td>
<td>5</td>
</tr>
<tr>
<td>ITAL 002B</td>
<td>Intermediate Italian</td>
<td>5</td>
</tr>
<tr>
<td>JPNS 001A</td>
<td>Beginning Japanese</td>
<td>5</td>
</tr>
<tr>
<td>JPNS 001B</td>
<td>Beginning Japanese</td>
<td>5</td>
</tr>
<tr>
<td>JPNS 002A</td>
<td>Intermediate Japanese</td>
<td>5</td>
</tr>
<tr>
<td>JPNS 002B</td>
<td>Intermediate Japanese</td>
<td>5</td>
</tr>
<tr>
<td>MUSIC 055</td>
<td>World Music</td>
<td>3</td>
</tr>
<tr>
<td>NS 020</td>
<td>World Food Customs and Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 004</td>
<td>Patterns in Comparative Religions</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 021</td>
<td>World Philosophians on Death</td>
<td>3</td>
</tr>
<tr>
<td>KIN.TH 051</td>
<td>Dance in America: A Cultural Perspective</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 004</td>
<td>International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PORTG 001A</td>
<td>Beginning Brazilian Portuguese</td>
<td>5</td>
</tr>
<tr>
<td>PORTG 001B</td>
<td>Beginning Brazilian Portuguese</td>
<td>5</td>
</tr>
<tr>
<td>PSYCH 009</td>
<td>Psychology Women: A Multicultural</td>
<td>3</td>
</tr>
<tr>
<td>RUSS 001A</td>
<td>Beginning Russian</td>
<td>5</td>
</tr>
<tr>
<td>RUSS 001B</td>
<td>Beginning Russian</td>
<td>5</td>
</tr>
<tr>
<td>SL 060A</td>
<td>American Sign Language (Ameslan)</td>
<td>3</td>
</tr>
<tr>
<td>SL 060B</td>
<td>American Sign Language (Ameslan)</td>
<td>3</td>
</tr>
<tr>
<td>SOC 020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 001A</td>
<td>Beginning Spanish</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 001B</td>
<td>Beginning Spanish</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 002A</td>
<td>Intermediate Spanish</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 002B</td>
<td>Intermediate Spanish</td>
<td>5</td>
</tr>
<tr>
<td>WGS 001</td>
<td>Introduction to Women's Studies</td>
<td>4</td>
</tr>
<tr>
<td>WGS 002</td>
<td>Women in the Arts: Multicultural Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>WGS 003</td>
<td>Introduction to Gender Studies</td>
<td>3</td>
</tr>
<tr>
<td>WGS 004A</td>
<td>Women in World Cultures from Prehistory to 1500 CE</td>
<td>3</td>
</tr>
</tbody>
</table>

| Total Major Units | 18 |
| WVC GE Units      | 25 |
| Total Degree Units | 60 |

For crosswalk of new subject codes, see page 39.

**Library and Information Studies**

**THE FACULTY**

Jasmine Colón  
Yanghee Kim  
Maryanne Mills  
Betsy Sandford  
Rachel Sandoval

**DIVISION**  
Library

**DEAN**  
Stephanie Kashima

**DEPARTMENT CHAIR**  
Maryanne Mills

**PHONE**  
408-741-4661

**EMAIL**  
maryanne.mills@westvalley.edu

**COUNSELING**  
408-741-2009

**Learning Outcomes**

After completing courses, orientations, and/or workshops, a student will be able to:

- 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.

**LIBR 004 INFORMATION COMPETENCY**

1 unit  
Lecture 1 unit; lab 0 units

Acceptable for credit: University of California, California State University

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, how to critically evaluate information, and how and when to use the Internet as a research tool. The class also reviews the legal and ethical issues surrounding information and its use. This course may also be offered in a distance learning format. This course is West Valley College Degree applicable. Pass/No Pass Option

**Library**

(See English)

**Management and Supervision**

(See Business)
Marketing and Sales
(Also see BUSINESS ADMINISTRATION/REAL ESTATE)

THE FACULTY
Jim Henderson
Lance Shoemaker

DIVISION Professional Studies
DIVISION CHAIR Jim Henderson
COUNSELING 408-741-2098

BUSN 040 SALES STRATEGIES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course includes the nature and concept of sales principles and strategies; careers in selling including manufacturer’s representatives, wholesale salespersons, retail salespersons, specialty salespersons and sales engineers; each category is explored in depth; issues on how to approach a prospect, how to prospect, qualify, make an effective sales presentation by using the stimulus-response method, the formula method, and the needs-satisfaction method are explored. Students taking this class will 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. Pass/No Pass Option

BUSN 056 MARKETING PRINCIPLES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
The student enrolling in this course will study the areas and various activities involved in the transfer of goods from producer to the customer. Retail, wholesale and industrial marketing channels and institutions are investigated. Discussion of marketing concepts, promotional strategies, pricing policies, and international marketing are incorporated. Pass/No Pass Option

BUSN 081 ADVERTISING PRINCIPLES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course is an introduction to the basic principles and techniques of advertising as applied to business and to media. Advertising campaigns and their effectiveness will be studied. Pass/No Pass Option

Mathematics

THE FACULTY
Jennifer Aguayo
Greg Allen
Alyson Butcher
Brad Chin
Chris Dyer
Gretchen Ehlers
Larry Handa
Rebecca Hiller
Kristen Jackson
Shannon Ko
Faun Maddux
Neelti Mittal
Kim Pham
Amy Vu
Betty Weiss
Rebecca Wong

DIVISION Science & Mathematics
DEPARTMENT CHAIR Chris Dyer
PHONE 408-741-4675
EMAIL chris.dyer@westvalley.edu
COUNSELING 408-741-2098

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.

Highlights
• A professional and innovative staff committed to providing the best possible mathematics education, including the use of computers and multimedia presentations in the teaching of mathematics.
• A comprehensive mathematics curriculum addressing the needs of both the transfer student and the non-transfer student.
• A math resource center providing free tutoring and alternative modes of instruction and support for students
• A technology-mediated alternative for students in arithmetic and algebra.

Career Options
• Actuary
• Appraiser
• Assessor
• Auditor
• Biometrician
• Budget Analyst
• Casualty Rater
• Computer Programmer
• Controller
• Demographer
• Doctor
• Econometrician
• Engineering Analyst
• Epidemiologist
• Financial Analyst
• Investment Analyst
• Lawyer
• Management Scientist
• Mathematician
• Operations Researcher
• Public Opinion Analyst
• Statistician
• Surveyor
• Systems Analyst
• Teacher
• Urban Planner

Degree
A.S., Mathematics
A.S.-T, Mathematics

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

ASSOCIATE IN SCIENCE IN MATHEMATICS FOR TRANSFER DEGREE (A.S.-T in Mathematics)
The Associate in Science in Mathematics for Transfer degree (A.S.-T in Mathematics) is a 60 unit program is designed to provide lower division education to students planning to transfer to a CSU institution in pursuit of a baccalaureate degree in Mathematics. Students completing the program will be able to solve problems using mathematical symbols, operations, and techniques; 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 those conclusions; formulate and test mathematical conjectures; and adapt general mathematical techniques to course-specific problems.

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 Interssegmental 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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses: 15 units

Course Units
MATH 003A Calculus and Analytic Geometry 5
MATH 003B Calculus and Analytical Geometry 5
MATH 004A Intermediate Calculus 5

List A: Select one to two: 4-8 units
MATH 004B Differential Equations 4
MATH 004C Linear Algebra 4

List B: One course if only one course was chosen from List A: 4-5 units
MATH 019 Discrete Mathematics 4
MATH 010 Elementary Statistics 4

Total Major Units 23-24
GE Units (CSU GE or IGETC) 37-39

Mathematics
**Total Degree Units** 60  
For crosswalk of new subject codes, see page 39

**MATHEMATICS**

**A.S. Degree**  
Mathematics is a multifaceted subject of great beauty and applicability. 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**  
- Actuary  
- Appraiser  
- Assessor  
- Auditor  
- Biometrician  
- Budget Analyst  
- Casualty Rater  
- Computer Programmer  
- Controller  
- Demographer  
- Doctor  
- Econometrician  
- Engineering Analyst  
- Epidemiologist  
- Financial Analyst  
- Investment Analyst  
- Lawyer  
- Management Scientist  
- Mathematician  
- Operations Researcher  
- Public Opinion Analyst  
- Statistician  
- Surveyor  
- Systems Analyst  
- Teacher  
- Urban Planner.

After completing this degree in Mathematics, a student will be able to:

- 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.
- Adapt general mathematical techniques to course-specific problems.

**Required Core Courses:** 23 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 003A</td>
<td></td>
</tr>
<tr>
<td>MATH 003B</td>
<td></td>
</tr>
<tr>
<td>MATH 004A</td>
<td></td>
</tr>
<tr>
<td>MATH 004B</td>
<td></td>
</tr>
<tr>
<td>MATH 004C</td>
<td></td>
</tr>
<tr>
<td>MATH 019</td>
<td></td>
</tr>
</tbody>
</table>

**Required Electives:** Select two courses from the list below (6 - 10 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 040</td>
<td></td>
</tr>
<tr>
<td>BIO 041</td>
<td></td>
</tr>
<tr>
<td>BIO 042</td>
<td></td>
</tr>
<tr>
<td>BIO 043</td>
<td></td>
</tr>
<tr>
<td>CHEM 001A</td>
<td></td>
</tr>
<tr>
<td>CHEM 001B</td>
<td></td>
</tr>
<tr>
<td>CHEM 012A</td>
<td></td>
</tr>
<tr>
<td>CHEM 012B</td>
<td></td>
</tr>
<tr>
<td>CIS 004A</td>
<td></td>
</tr>
<tr>
<td>CIS 004A1</td>
<td></td>
</tr>
<tr>
<td>CIS 004B</td>
<td></td>
</tr>
<tr>
<td>CIS 004B1</td>
<td></td>
</tr>
</tbody>
</table>

**PREREQUISITES and COREQUISITES** are MANDATORY. See page 5 for specific information.

- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
- ADVISORY is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
MATH 002 PRE-CALCULUS ALGEBRA AND TRIGONOMETRY  
6 units  
Lecture 6 units; lab 0 units  
Prerequisite: MATH 106 or MATH 106R and MATH 104 or MATH 104R, or qualifying score on Placement Test and proof of Geometry and Algebra II  
Acceptable for credit: University of California, California State University  
C-ID MATH 955  
This is an intensive course whose topics are traditionally found in the separate courses of pre-calcualus 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 applications in analytic geometry. This course is designed for the student in mathematics who desires to fulfill the requirements of Math 0 and Math 1 in one semester.

MATH 003A CALCULUS AND ANALYTICAL GEOMETRY  
5 units  
Lecture 5 units; lab 0 units  
Prerequisite: MATH 001 and MATH 000D or MATH 002, or qualifying score on Placement Test and proof of Pre-Calc and Trigonometry  
Acceptable for credit: University of California, California State University  
C-ID MATH 210  
This is a first course in differential and integral calculus of a single variable: 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.

MATH 003B CALCULUS AND ANALYTICAL GEOMETRY  
5 units  
Lecture 5 units; lab 0 units  
Prerequisite: MATH 003A or qualifying score on Placement Test and proof of Calculus I  
Acceptable for credit: University of California, California State University  
C-ID MATH 220  
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.

MATH 004A INTERMEDIATE CALCULUS  
5 units  
Lecture 5 units; lab 0 units  
Prerequisite: MATH 003B or qualifying score on Placement Test and proof of Calculus II  
Acceptable for credit: University of California, California State University  
C-ID MATH 230  
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.

MATH 004B DIFFERENTIAL EQUATIONS  
4 units  
Lecture 4 units; lab 0 units  
Prerequisite: MATH 003B or qualifying score on Placement Test and proof of Calculus II  
Advisor: MATH 004A and MATH 004C  
Acceptable for credit: University of California, California State University  
C-ID MATH 240  
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.

MATH 004C LINEAR ALGEBRA  
4 units  
Lecture 4 units; lab 0 units  
Prerequisite: MATH 003B or qualifying score on Placement Test and proof of Calculus II  
Advisor: MATH 004A  
Acceptable for credit: University of California, California State University  
C-ID MATH 250  
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.

MATH 008 FINITE MATHEMATICS  
3 units  
Lecture 3 units; lab 0 units  
Prerequisite: MATH 106 or MATH 106R or qualifying score on Placement Test and proof of Algebra II  
Acceptable for credit: University of California, California State University  
C-ID MATH 130  
This course covers linear functions, systems of linear equations and inequalities, matrices, linear programming, mathematics of finance, sets and Venn diagrams, combinatorial techniques and an introduction to probability as well as applications from business, economics and social sciences.

MATH 010 ELEMENTARY STATISTICS  
4 units  
Lecture 4 units; lab 0 units  
Prerequisite: MATH 106 or MATH 106R or MATH 106S or qualifying score on Placement Test and proof of Algebra II  
Acceptable for credit: University of California, California State University  
C-ID MATH 110  
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.

MATH 010H HONORS ELEMENTARY STATISTICS  
4 units  
Lecture 4 units; lab 0 units  
Prerequisite: MATH 106 or MATH 106R or MATH 106S or qualifying score on Placement Test and proof of Algebra II  
Acceptable for credit: University of California, California State University  
C-ID MATH 110  
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.

MATH 012 APPLIED CALCULUS  
4 units  
Lecture 4 units; lab 0 units  
Prerequisite: MATH 106 or MATH 106R or qualifying score on Placement Test and proof of Algebra II  
Acceptable for credit: University of California, California State University  
C-ID MATH 140  
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 polynomials, rational, exponential and logarithmic functions are studied. This course is not equivalent to Math 3A.
MATH 014 MATH FOR ELEMENTARY SCHOOL TEACHERS  
3 units  
Lecture 3 units; lab 0 units  
Prerequisite: MATH 106 or MATH 106R or qualifying score on Placement Test and proof of Algebra II. Acceptable for credit: University of California, California State University  
C-ID MATH 120  
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.

MATH 019 DISCRETE MATHEMATICS  
4 units  
Lecture 4 units; lab 0 units  
Prerequisite: MATH 001 or MATH 002  
Advisory: MATH 003A  
Acceptable for credit: University of California, California State University  
C-ID MATH 160  
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.

MATH 103 ELEMENTARY ALGEBRA  
5 units  
Lecture 5 units; lab 0 units  
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.

MATH 103R ELEMENTARY ALGEBRA  
3 units  
Lecture 3 units; lab 0 units  
This course is an accelerated version of Math 103. 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.

MATH 104 PLANE GEOMETRY  
4 units  
Lecture 4 units; lab 0 units  
Prerequisite: MATH 103 or MATH 103R or qualifying score on Placement Exam  
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.

MATH 104R GEOMETRY REVIEW FOR TRIGONOMETRY  
1 unit  
Lecture 0 units; lab 1 units  
Prerequisite: MATH 103 or MATH 103R or qualifying score on Placement Test  
This course serves as a geometry preparation course for Math 10 or 2. In this course, students have the opportunity to review geometry topics needed to succeed in Trigonometry.

MATH 106 INTERMEDIATE ALGEBRA  
5 units  
Lecture 5 units; lab 0 units  
Prerequisite: MATH 103 or MATH 103R  
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.

MATH 106P PREPARATION FOR INTERMEDIATE ALGEBRA  
0.5 unit  
Lecture 0 units; lab 0.5 units  
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 Only.

MATH 106R INTERMEDIATE ALGEBRA – REVIEW  
3 units  
Lecture 3 units; lab 0 units  
Prerequisite: MATH 103 or MATH 103R  
This accelerated course expands on the topics and mathematical skills from elementary algebra. The characteristics and properties of linear, quadratic, rational, 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.

MATH 106S INTERMEDIATE ALGEBRA FOR STATISTICS  
5 units  
Lecture 5 units; lab 0 units  
Advisory: MATH 103 or MATH 103R or completion of high school Algebra I or equivalent with a C or better.  
This course presents algebraic concepts with an emphasis on data analysis and modeling. Topics include mathematical modeling using real-world data and graphs, as well as linear, exponential, and polynomial functions. This class is NOT intended for math, science, computer science, business, or engineering majors. It is intended for students who will take Math 10 and who do NOT need any other math course.

MATH 901 ARITHMETIC FUNCTIONS  
3 units  
Lecture 3 units; lab 0 units  
This course covers the mathematical operations of whole numbers, fractions, and decimals. Additional topics include rounding, the order of operations, ratios, proportions, percents, and practical applications. This course does not apply to the associate degree. Pass/No Pass Option.

MATH 902P PRE-ALGEBRA  
3 units  
Lecture 3 units; lab 0 units  
This course is designed for students who have a solid foundation in arithmetic skills, but who need to develop further skills before taking elementary algebra. Topics include operations with signed numbers, evaluating algebraic expressions, operations with polynomials, solving and graphing linear equations, and developing problem-solving skills with an emphasis on concrete representations for abstract algebraic concepts. This course does not apply to the associate degree. Pass/No Pass Option.

MATH 903P PREPARATION FOR ELEMENTARY ALGEBRA  
0.5 unit  
Lecture 0 units; lab .5 units  
This course is a preparation for Math 103. 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 Only.

Medical Assisting  
(See Health Care Technologies)  
Microbiology  
(See Biology)
The West Valley College Music Department offers a comprehensive curriculum of courses including music theory, music appreciation, music history and literature, instrumental music, voice, and commercial music studies. The Music Department curriculum accommodates students with various goals and levels of experience. The Music Department faculty facilitates a supportive, creative learning environment where all students may explore their creative interests. Instructional emphasis is placed on:

- music theory, practices, and techniques;
- skill building in piano, guitar, jazz ensembles, symphonic band, and vocal choirs;
- performance opportunities;
- exploring creativity and self-expression;
- music production and recording.

CAREERS IN MUSIC INCLUDE:

- Composer or Arranger: Film, TV, Gaming, Commercial (Jingles)
- Symphony Orchestra
- Opera
- Ballet
- Band, Orchestral, Choral Music
- K-12 school ensembles
- College, Conservatory & University ensembles
- Community ensembles
- Churches and synagogues
- Music Publisher
- Artistic Cognoscenti
- Music Licensing Consultant
- Conductor (Vocal or Instrumental)
- Concertmaster (Orchestra)
- Section Leader (Orchestra)
- Section Member (Orchestra)
- Orchestra Manager
- Choir Director
- Church
- Community
- Cantor (Church, Synagogue)
- Church Organist
- Singer
- Music Director (Musical Theater)
- Musical Theater Singer
- Music Librarian
- Public/Private School Music Supervisor
- College or University Music Teacher
- Private Music Teacher (Vocal or Instrumental)
- Music Therapist
- Music Producer
- Sound Designer
- Sound Technician
- Songwriter
- Lyricist
- Recording Artist
- Studio Musician
- Collaborative Pianist
- Accompanist
- Educational Settings
- K-12, College, University
- Church & Community Settings
- Community Choirs
- Recitals
- Background Music (Hotels, casinos, clubs, department stores)
- Band Member (Instrumentalist or Vocal)
- Floor Shows (Hotels, casinos, clubs)
- Dance/Cover
- Cruise Ship Musician
- Radio Music Director
- Music Store Manager
- Music Instrument Sales Representative
- Music Instrument Repair and Restoration Specialist
- Music Instrument Builder/Designer
- Piano Tuner/Technician
- Church Organist
- Singer
- Music Director (Musical Theater)
- Musical Theater Singer
- Music Librarian
- Public/Private School Music Supervisor
- College or University Music Teacher
- Private Music Teacher (Vocal or Instrumental)
- Music Therapist
- Music Producer
- Sound Designer
- Sound Technician
- Songwriter
- Lyricist
- Recording Artist
- Studio Musician
- Collaborative Pianist
- Accompanist
- Educational Settings
- K-12, College, University
- Church & Community Settings
- Community Choirs
- Recitals
- Background Music (Hotels, casinos, clubs, department stores)
- Band Member (Instrumentalist or Vocal)
- Floor Shows (Hotels, casinos, clubs)
- Dance/Cover
- Cruise Ship Musician
- Radio Music Director
- Music Store Manager
- Music Instrument Sales Representative
- Music Instrument Repair and Restoration Specialist
- Music Instrument Builder/Designer
- Piano Tuner/Technician
- 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 no prior piano experience may meet the Piano Proficiency requirement (MUSIC 031A/B) via credit by examination. Music majors with no prior piano experience should enroll in Beginning Piano (MUSIC 030A/B) to remediate prior to enrolling in Intermediate Piano (MUSIC 031A/B).

2. Music majors deficient in knowledge of scales, key signatures, intervals and chords are advised to take Fundamentals of Music (MUSIC 050) to remediate prior to enrolling in Theory Level 1 (MUSIC 03A).

3. Audition is required for admission to large ensembles (MUSIC 32B/C/D, 48A, 49B/C/D), and the Applied Music Program (MUSIC 39). Admission is based on the 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. It will require the student take classes during Winter and/or Summer intersessions in order to complete the program including all transfer GE requirements in two years.

Core Requirements: Theory, Musicianship, History, Applied Music (27 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 001 Music History</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC 002 Music History</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC 003A Music Theory Level 1</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC 002A Musicianship Level 1</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 003B Music Theory Level 2</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 004A Music Theory Level 3</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 004B Music Theory Level 4</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 031A Intermediate Piano, Level 3</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 031B Intermediate Piano, Level 4</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 039 Applied Music</td>
<td>0.5</td>
</tr>
<tr>
<td>MUSIC 066 Computer Literacy for Musicians</td>
<td>1</td>
</tr>
</tbody>
</table>

Core Requirements: Large Ensemble (4 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 042A Concert Choir - Early Music</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 042B Concert Choir - Classical Music</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 042C Concert Choir - Modern Music</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 042D Concert Choir - World Music</td>
<td>1</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MUSIC 048A Symphony Orchestra</td>
<td>1</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MUSIC 049A Symphonic Band - Marches</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 049B Symphonic Band - Chorales</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 049C Symphonic Band - Film &amp; Popular Music</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 049D Symphonic Band - Modern Literature</td>
<td>1</td>
</tr>
</tbody>
</table>

Recommended Electives (6 units) Electives (6 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 006 Introduction to Music Education</td>
<td>2</td>
</tr>
<tr>
<td>MUSIC 007 Film Music Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC 009 Jazz-Past and Present</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC 010 Music Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC 020 Ear Training Fundamentals</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 026 Techniques of Jazz-Rock Guitar</td>
<td>2</td>
</tr>
<tr>
<td>MUSIC 027 Introduction to Jazz Piano</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 030A Beginning Piano, Level 1</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 030B Beginning Piano, Level 2</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 032A Beginning Voice: Classical Music</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 032B Beginning Voice: Folk Music</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 032C Beginning Voice: Musical Theatre</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 033A Intermediate Voice: Classical Music</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 033B Intermediate Voice: Musical Theatre</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 036A Beginning Guitar, Level 1</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 036B Beginning/Intermediate Guitar, Level 2</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 036C Intermediate Guitar, Level 3</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 036D Intermediate/Advanced Guitar, Level 4</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 040A Chamber Singers - Early Music</td>
<td>2</td>
</tr>
<tr>
<td>MUSIC 040B Chamber Singers - Classical Music</td>
<td>2</td>
</tr>
<tr>
<td>MUSIC 040C Chamber Singers - Modern Music</td>
<td>2</td>
</tr>
<tr>
<td>MUSIC 040D Chamber Singers - World Music</td>
<td>2</td>
</tr>
<tr>
<td>MUSIC 043A Techniques of Jazz Improvisation</td>
<td>2</td>
</tr>
<tr>
<td>MUSIC 043B Techniques of Jazz Improvisation</td>
<td>2</td>
</tr>
<tr>
<td>MUSIC 051A Jazz Ensemble - Early Dance Band Music</td>
<td>2</td>
</tr>
</tbody>
</table>
MUSIC 051B Jazz Ensemble - The Swing Era 2
MUSIC 052A Ensemble Performance in Jazz and Popular 2
MUSIC 054 History of Rock and Roll Music 3
MUSIC 055 World Music 3
MUSIC 061A Vocal Jazz Ensemble: Blues 2
MUSIC 061B Vocal Jazz Ensemble: Swing 2
MUSIC 061C Vocal Jazz Ensemble: Latin Jazz 2
MUSIC 061D Vocal Jazz Ensemble: Pop & A Cappella 2
MUSIC 062A Solo Performance in Jazz and Pop 1
MUSIC 063A Introduction to Music Technology 3
MUSIC 063B Commercial Music Production 3
MUSIC 064 Sound Design 3
MUSIC 065A Recording Arts I 3
MUSIC 065B Recording Arts II 3
MUSIC 065C Recording Arts III 3
MUSIC 067A Scoring for Film, TV, and Gaming: Foundations 3
MUSIC 067B Scoring for Film, TV and Gaming: Action, Adventure, Sci-Fi 3
MUSIC 067C Scoring for Film, TV and Gaming: Drama, Comedy, Thriller 3
MUSIC 068 Cinematic Orchestration for Film, TV and Gaming 3
MUSIC 069 Commercial Music Theory/ Songwriting I 3

Total Major Units 37

To be awarded an A.A. Degree, a student must complete:
1. All the major requirements
2. Minimum four ensemble courses distributed over four semesters
3. Minimum five units from electives
4. Additional units to meet the college graduation requirements.

NOTES:
1. Piano majors may meet the MUSIC 030A, B and 031A, B requirement via credit by examination.
2. Music majors considering a career in music education should enroll in music electives MUSIC 027, 032A, B, C, G36, and 042A, 042B, 042C or 042D.

For crosswalk of new subject codes, see page 39

ASSOCIATE IN ARTS IN MUSIC FOR TRANSFER DEGREE (A.A.-T in Music)
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. Music 42, 48A and 49 are 1 unit courses that must be repeated 4 times to meet the requirement. Students who complete the Associate in Arts in Music for Transfer degree (AA-T in Music) 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 their 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 their area of specialization.

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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

NOTE: In accordance with the TMC in Music, Majors will be required to pass a Piano Proficiency examination prior to graduation which includes sight reading a two-part grade 1 selection, and playing two stylistically contrasting pieces from Bartok’s Mikrokosmos Book II. Enrolling in MUS 31A/B Intermediate Piano, using available elective units, is encouraged.

Required Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 003A Music Theory Level 1</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC 003B Music Theory Level 2</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 004A Music Theory Level 3</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 004B Music Theory Level 4</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 002A Musicianship Level 1</td>
<td>1</td>
</tr>
</tbody>
</table>

List A: Complete a total of 2 units taken over a minimum of 4 semesters of Music 39 (Music 39 is a 0.5 unit course that must be repeated 4 times to meet the requirement):

- MUSIC 039 Applied Music

List B: Complete a total of 4 units over a minimum of 4 semesters from the following list (4 semesters, 1 unit each - Music 42, 48A and 49 are 1 unit courses that must be repeated 4 times to meet the requirement):

- MUSIC 042 College Chorale
- MUSIC 048A Symphony Orchestra
- MUSIC 049 Symphonic Band

Total Major Units 22

GE Units (CSU GE or IGETC) 37-39

Total Degree Units 60

For crosswalk of new subject codes, see page 39

COMMERCIAL MUSIC PRODUCTION Certificate of Achievement

The Commercial Music Production Certificate at West Valley College focuses on the recording arts, music technology, and commercial music production. This is a comprehensive curriculum covering electronic music/sound design, recording arts, songwriting, MIDI/Digital audio, and audio for visual media. Featuring state-of-art facilities and equipment, this program is designed for students of all levels, providing hands-on experience and thorough training in the creative and technical challenges specific to scoring for film, TV and gaming. Upon completion, certificate students will have acquired skills in composing, cinematic orchestration, digital audio recording and editing, MIDI programming, music notation, recording multi-track sessions, and commercial songwriting. These skills are specific to careers in, but not limited to, TV composer, film composer, video game composer, app composer, web composer, music editor, music supervisor, digital audio workstation operator, songwriter, orchestrator, copyist, and music licensor.

Music 39 (.5 units) is repeatable and is taken two times.

After completing the Scoring for Film, TV and Gaming Certificate of Achievement, a student will be able to:

- Students will be able to compose a music cue for film, TV or gaming in a selected genre.

Certificate of Achievement

For crosswalk of new subject codes, see page 39

WEST VALLEY COLLEGE 2017 • 2018 CATALOG

147
Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.

MUSIC 007 Film Music Appreciation 3
MUSIC 004B Music Theory Level 4 4
MUSIC 020A Musicianship Level 1 1
MUSIC 030A Beginning Piano, Level 1 1
MUSIC 030B Beginning Piano 1
MUSIC 042A Concert Choir-Early Music 1
MUSIC 049A Symphonic Band - Marches 1
MUSIC 066 Computer Literacy for Musicians 1
MUSIC 031A Intermediate Piano 1
MUSIC 039 Applied Music 1

Total Certificate Units 38
For crosswalk of new subject codes, see page 39

MUSC 001 MUSIC HISTORY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is a chronological study of music from early origins to 1750, with emphasis on stylistic considerations as demonstrated by significant composers and their representative works.

MUSC 002 MUSIC HISTORY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is a chronological study of music from 1750 to the present, with emphasis on stylistic considerations as demonstrated by significant composers and their representative works.

MUSC 003A MUSIC THEORY LEVEL 1
3 units
Lecture 3 units; lab 0 unit
Music majors are required to take MUSC 020A concurrent with this course. Non-majors are encouraged but not required to take MUSC 020A concurrent with this course.
Concurrent enrollment in MUSC 30A/B Beginning Piano or 31A/B Intermediate Piano is strongly encouraged for all students.
Acceptable for credit: University of California, California State University
C-ID MUS 120
This course incorporates the following concepts, through guided composition and analysis: rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; diatonic chords, basic cadential formulas and phrase structure; dominant seventh; figured bass symbols; and non-harmonic tones. Development of skills in handwritten notation is expected. Music majors are required to take MUSIC 020A concurrent with this course. Non-majors are encouraged but not required to take MUSIC 020A concurrent with this course. Pass/No Pass Option

MUSC 003B MUSIC THEORY LEVEL 2
3 units
Lecture 3 units; lab 0 units
Advisory: MUSC 003A
Concurrent enrollment in MUSC 30A/B Beginning Piano or 31A/B Intermediate Piano is strongly recommended.
Acceptable for credit: University of California, California State University
C-ID MUS 130, MUS 135
This course continues the concepts presented in MUS 3A Music Theory Level I. Through guided composition 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 MUS 020B concurrent with this course. Non-majors are encouraged but not required to take MUS 020B concurrent with this course. Concurrent enrollment in MUS 30A/B Beginning Piano is strongly encouraged for all students. Pass/No Pass Option
MUSC 004A MUSIC THEORY LEVEL 3
4 units
Lecture 3.5 units; lab 0.5 units
Prerequisite: MUSC 003B
Concurrent enrollment in MUSC 30A/B Beginning Piano or 31A/B Intermediate Piano is strongly recommended.
Acceptable for credit: University of California, California State University
C-ID MUS 140, MUS 145
This course incorporates the concepts from Music Theory II. In addition, through writing and analysis, the course will include: introduction to chromatic harmony; secondary/applied chords; modulation; borrowed chords; introduction to Neapolitan and augmented-sixth chords. This course incorporates the study of advanced harmonic, rhythmic and melodic materials, with emphasis on chromatic harmony, survey and analysis of musical styles and period techniques, with focus on diatonic and chromatic chords. The lab focuses on performance skills in advanced sight singing and rhythmic exercises, one and two parts, and dictation of advanced melodic and harmonic elements. Concurrent enrollment in MUSC 30A/B Beginning Piano or 31A/B Intermediate Piano is strongly recommended. Pass/No Pass Option

MUSC 004B MUSIC THEORY LEVEL 4
4 units
Lecture 3.5 units; lab 0.5 units
Prerequisite: MUSC 004A
Concurrent enrollment in MUSC 30A/B Beginning Piano or 31A/B Intermediate Piano is strongly recommended.
Acceptable for credit: University of California, California State University
C-ID MUS 150, MUS 155
This course incorporates further study of advanced harmonic, rhythmic and melodic materials, with emphasis on chromatic harmony, modulation, survey and analysis of musical styles and period techniques, including the 20th century, and four-part writing using secondary dominants, the Neapolitan, French, German and Italian sixths. The lab focuses on advanced sight singing in one and two parts, and melodic and harmonic dictation using advanced chromatic materials. Concurrent enrollment in MUSC 30A/B Beginning Piano or 31A/B Intermediate Piano is strongly recommended. This course incorporates the concepts from Music Theory III. In addition, through writing and analysis, the course will include: post-Romantic techniques such as borrowed chords and modal mixture, chromatic mediant, Neapolitan and augmented-sixth chords, 9th, 11th and 13th chords, altered chords and dominants; and 20th century techniques such as: Impressionism, tone rows, set theory, pantodectism and polytonalism, meter and rhythm. Pass/No Pass Option

MUSC 005 FUNDAMENTALS OF MUSIC
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is designed for the student who wants a beginning background in the theory of music. The course includes: basic musical notation, rhythm and meter, major and minor scales, major and minor key signatures, intervals and inversions, triads (major, minor, diminished and augmented), some seventh chords, inversions of triads and seventh chords, elementary formal and harmonic analysis, and ear training for all of the above, plus some sight singing and melodic dictation. This is NOT a music major course.

MUSC 006 INTRODUCTION TO MUSIC EDUCATION
2 units
Lecture 2 units; lab 0 units
Acceptable for credit: California State University
This course covers the basics of teaching music in the public schools. The topics covered include: pedagogical methods, classroom control and lesson planning.

MUSC 007 FILM MUSIC APPRECIATION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

MUSC 009 JAZZ - PAST AND PRESENT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course introduces the development and evolution of jazz in the United States. Analysis of the elements of jazz with attention to stylistic differences throughout its history (1890 to present).

MUSC 010 MUSIC APPRECIATION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID MUS 100
This is a basic introductory course for the student without previous training in music listening or performance. The students are given an opportunity for development of enjoyment and appreciation through active and guided listening to such musical forms as symphony, opera, tone poem, ballet, and concerto from early times to the present. The periods of Pre-Baroque (to 1600); Baroque (1600-1750); Classic (1750-1825); Romantic age (1825-1900); Nationalism; Modern (Jazz, Rock, Electronic Music) are covered.

MUSC 020 EAR TRAINING FUNDAMENTALS
1 unit
Lecture 0 unit; lab 1 units
Advisory: MUSC 005
Students must be able to read music and understand basic structures of music to be successful in this course.
Acceptable for credit: University of California, California State University
This course is a laboratory in ear training and sight-singing for those whose background in music has not included systematic training of the ability to hear and perform pitches, intervals, triads, progressions, rhythmic patterns, etc. Correlated with, and supplementary to, Music Theory 003A and 004A, this laboratory will provide more time to concentrate on the difficulties many students experience at this stage in music study, apart from the written and keyboard aspects of their formal study. Students should have a basic ability in reading music notation. Pass/No Pass Option

MUSC 020A MUSICIANSHIP LEVEL 1
1 unit
Lecture 0 unit; lab 1 unit
Advisory: MUSC 005
Acceptable for credit: University of California, California State University
C-ID MUS 125
Music majors are required to take MUSIC 003A concurrent with this course. Non-majors are encouraged but not required to take MUSIC 003A concurrent with this course. Concurrent enrollment in MUSIC 30A/B Beginning Piano or 31A/B Intermediate Piano is strongly encouraged for all students. Required for music majors, this course is a laboratory in ear training and sight-singing correlated with MUSIC 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. Pass/No Pass Option

MUSC 020B MUSICIANSHIP LEVEL 2
1 unit
Lecture 0.5 units; lab 0.5 units
Advisory: MUSC 020A
Highly recommended for music majors, this course focuses on ear training and sight-singing correlated with MUSIC 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. Pass/No Pass Option

MUSC 026 TECHNIQUES OF JAZZ-ROCK GUITAR
2 units
Lecture 2 units; lab 0 units
Advisory: Prior experience playing the Guitar is strongly suggested.
Acceptable for credit: University of California, California State University
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.

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
MUSC 027 INTRODUCTION TO JAZZ PIANO
2 unit
Lecture 2 unit; lab 0 units
Advisory: Previous piano experience is strongly suggested.
Acceptable for credit: University of California, California State University
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.

MUSC 030A BEGINNING PIANO, LEVEL 1
1 unit
Lecture 0.5 unit; lab 0.5 units
Acceptable for credit: University of California, California State University
This course is a beginning keyboard study for students with no previous training in piano. Study of note reading, scales, arpeggios and simple piano works and exercises are included. Pass/No Pass Option

MUSC 030B BEGINNING PIANO, LEVEL 2
1 unit
Lecture 0.5 unit; lab 0.5 unit
Advisory: MUSC 030A
Acceptable for credit: University of California, California State University
This is the second course in the beginning piano series. Study includes: note reading more complex rhythms; one-octave patterns and parallel minor scales; arpeggios and dexterity exercises; and sight reading simple examples. Simple piano pieces equal to the second half of Bartok’s Mikrokosmos Book 1 are assigned. Pass/No Pass Option

MUSC 031A INTERMEDIATE PIANO, LEVEL 3
1 unit
Lecture 0.5 unit; lab 0.5 units
Advisory: MUSC 030B or One year of private piano lessons or equivalent
Acceptable for credit: University of California, California State University
This course is a continuation of MUSC 030A and 030B. It is designed for Music majors and those who wish to continue to improve their keyboard skills. Study includes: one and two-octave scales of all 24 keys; arpeggios and dexterity exercises to build technique; melodic improvisation over a given chord progression; harmonization at sight of a given melody; transposition of a short passage at sight; keyboard works of different periods and styles equal to the second half of Bartok’s Mikrokosmos Book 2. Pass/No Pass Option

MUSC 031B INTERMEDIATE PIANO, LEVEL 4
1 unit
Lecture 0.5 unit; lab 0.5 units
Advisory: MUSC 031A or One year of private piano lessons or equivalent
Acceptable for credit: University of California, California State University
This course is a continuation of MUSC 031A. It is designed for Music majors and those who wish to continue to improve their keyboard skills. Study includes: one and two-octave scales of all 24 keys; arpeggios and dexterity exercises to build technique; melodic improvisation over a given chord progression; harmonization at sight of a given melody; transposition of a short passage at sight; keyboard works of different periods and styles equal to the second half of Bartok’s Mikrokosmos Book 2. Pass/No Pass Option

MUSC 032A BEGINNING VOICE: CLASSICAL MUSIC
1 unit
Lecture 0.5 units; lab 0.5 units
Acceptable for credit: University of California, California State University
This course offers group instruction in vocal technique using classical solo literature. Topics covered include posture, breath support, articulation, and common vocal problems. Pass/No Pass Option

MUSC 032B BEGINNING VOICE: FOLK MUSIC
1 unit
Lecture 0.5 unit; lab 0.5 units
Acceptable for credit: University of California, California State University
This course offers group instruction in vocal technique using solo and small ensemble folk literature from around the world. Topics covered include posture, breath support, articulation, and common vocal problems. Pass/No Pass Option

MUSC 032C BEGINNING VOICE: MUSICAL THEATRE
1 unit
Lecture 0.5 unit; lab 0.5 units
Acceptable for credit: University of California, California State University
This course offers group instruction in vocal technique using solo and small ensemble Musical Theater solo literature. Topics covered include posture, breath support, articulation, and common vocal problems. Pass/No Pass Option

MUSC 033A INTERMEDIATE VOICE: CLASSICAL MUSIC
1 unit
Lecture 0.5 unit; lab 0.5 units
Advisory: MUSC 032A or MUSC 032C or MUSC 032B or Private voice lessons for 6 months or participation in choir for more than 2 years
Acceptable for credit: University of California, California State University
This course explores the elements of vocal production, song interpretation, resonance, and basic music theory for singers. Students may have the opportunity to learn and perform literature from folk song and musical theater repertoire, but the primary focus of the course is on aria and art song repertoire. Pass/No Pass Option

MUSC 033B INTERMEDIATE VOICE: MUSICAL THEATRE
1 unit
Lecture 0.5 unit; lab 0.5 units
Advisory: MUSC 032A or MUSC 032C or MUSC 032B or Private voice lessons for 6 months or participation in choir for more than 2 years
Acceptable for credit: University of California, California State University
This course explores the elements of vocal production, song interpretation, resonance, and basic music theory for singers. Students may have the opportunity to learn and perform literature from folk song and musical theater repertoire, but the primary focus of the course is on aria and art song repertoire. Pass/No Pass Option

MUSC 036B BEGINNING/INTERMEDIATE GUITAR-LEVEL 2
1 unit
Lecture 0.5 units; lab 0.5 units
Advisory: MUSC 036A or Basic Guitar skills beyond 1 year of study
Acceptable for credit: University of California, California State University
This beginning-intermediate level course emphasizes reading music and playing in first through third position. The course also offers an introduction to and study of 7th chords, inversions and harmonic and melodic minor keys. Pass/No Pass Option

MUSC 036C INTERMEDIATE GUITAR-LEVEL 3
1 unit
Lecture 0.5 units; lab 0.5 units
Advisory: MUSC 036B or Prior guitar experience of more than one year
Acceptable for credit: University of California, California State University
This intermediate level course emphasizes further study in reading music and playing in first through seventh position. The course provides opportunities for public performances both on campus and in the community. Pass/No Pass Option

MUSC 036D INTERMEDIATE/ADVANCED GUITAR-LEVEL 4
1 unit
Lecture 0.5 units; lab 0.5 units
Advisory: MUSC 036C and/or Prior guitar experience of a year or more
Acceptable for credit: University of California, California State University
This advanced-intermediate level course, the final in a series of four, emphasizes reading music and playing in first through seventh position. The course introduces studies in modes beyond Ionian and Aeolian and addresses various techniques including arpeggios, inversions, tremolo, and velocity. The course requires public performances on campus and/or in the community. Pass/No Pass Option

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Lecture</th>
<th>Lab</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC 039</td>
<td>APPLIED MUSIC</td>
<td>0.5</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.5</td>
<td></td>
<td>HBA 0.5 hr/wk</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Audition to demonstrate college-level achievement on an instrument or voice.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Co-requisite: MUSC 042 by audition with VWC Music faculty or MUSC 049A by audition with WVC Music faculty or MUSC 049 by audition with VWC Music faculty.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acceptable for credit: University of California, California State University.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chamber Singers is a choral ensemble open to all students by audition. The ensemble performs a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class is primarily from the modern eras of music history (Impressionist, 20th Century), though other literature may also be programmed. Pass/No Pass Option.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chamber Singers is a choral ensemble open to all students by audition. The ensemble performs a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class is primarily from the early eras of music history (Classical, Romantic), Pass/No Pass Option.</td>
</tr>
<tr>
<td>MUSC 040A</td>
<td>CHAMBER SINGERS-EARLY MUSIC</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Audition Required</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acceptable for credit: University of California, California State University.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chamber Singers is a choral ensemble open to all students by audition. The ensemble performs a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class is primarily from the early eras of music history (Medieval, Renaissance, and Baroque), encompassing cultures of Eurasia and the Americas. Pass/No Pass Option.</td>
</tr>
<tr>
<td>MUSC 040B</td>
<td>CHAMBER SINGERS-CLASSICAL MUSIC</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Audition Required</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acceptable for credit: University of California, California State University.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chamber Singers is a choral ensemble open to all students by audition. The Chamber Singers perform a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class is primarily from the classical eras of music history (Classical, Romantic), Pass/No Pass Option.</td>
</tr>
<tr>
<td>MUSC 040C</td>
<td>CHAMBER SINGERS-MODERN MUSIC</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Audition Required</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acceptable for credit: University of California, California State University.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chamber Singers is a choral ensemble open to all students by audition. The Chamber Singers perform a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class is primarily from the modern eras of music history (Impressionist, 20th Century, 21st Century), Pass/No Pass Option.</td>
</tr>
<tr>
<td>MUSC 040D</td>
<td>CHAMBER SINGERS-WORLD MUSIC</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Audition Required</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acceptable for credit: University of California, California State University.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chamber Singers is a choral ensemble open to all students by audition. The Chamber Singers perform a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class is primarily from the modern eras of music history (Impressionist, 20th Century), though other literature may also be programmed. Pass/No Pass Option.</td>
</tr>
<tr>
<td>MUSC 042A</td>
<td>CONCERT CHOIR-EARLY MUSIC</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Audition is required</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acceptable for credit: University of California, California State University.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>This course focuses on the study, rehearsal, and public performance of early choral music literature, with an emphasis on the development of skills necessary to sing in a large ensemble. Study includes music reading skills, the building of technical skills, the creation of a beautiful tone, aesthetic awareness, and responsible rehearsal habits in a large ensemble. The literature performed in this class is primarily from the early eras of music history (Medieval, Renaissance, Baroque), though other literature may also be programmed. Audition is required. This course is required for vocal music majors. Pass/No Pass Option.</td>
</tr>
<tr>
<td>MUSC 042B</td>
<td>CONCERT CHOIR-CLASSICAL MUSIC</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Audition is required</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acceptable for credit: University of California, California State University.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>This course focuses on the study, rehearsal, and public performance of classical choral music literature, with an emphasis on the development of skills necessary to sing in a large ensemble. Study includes music reading skills, the building of technical skills, the creation of a beautiful tone, aesthetic awareness, and responsible rehearsal habits in a large ensemble. The literature performed in this class is primarily from the classical eras of music history (Classical, Romantic), though other literature may also be programmed. Audition is required. This course is required for vocal music majors. Pass/No Pass Option.</td>
</tr>
<tr>
<td>MUSC 042C</td>
<td>CONCERT CHOIR-MODERN MUSIC</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Audition is required</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acceptable for credit: University of California, California State University.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>This course focuses on the study, rehearsal, and public performance of modern choral music literature, with an emphasis on the development of skills necessary to sing in a large ensemble. Study includes music reading skills, the building of technical skills, the creation of a beautiful tone, aesthetic awareness, and responsible rehearsal habits in a large ensemble. The literature performed in this class is primarily from the modern eras of music history (Impressionist, 20th Century, 21st Century), though other literature may also be programmed. Audition is required. This course is required for vocal music majors. Pass/No Pass Option.</td>
</tr>
<tr>
<td>MUSC 042D</td>
<td>CONCERT CHOIR-WORLD MUSIC</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Audition is required</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acceptable for credit: University of California, California State University.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>This course focuses on the study, rehearsal, and public performance of choral music literature from around the world, with an emphasis on the development of skills necessary to sing in a large ensemble. Study includes music reading skills, the building of technical skills, the creation of a beautiful tone, aesthetic awareness, and responsible rehearsal habits in a large ensemble. The literature performed in this class is primarily from the non-Western cultures, though other literature may also be programmed. Audition is required. This course is required for vocal music majors. Pass/No Pass Option.</td>
</tr>
</tbody>
</table>

- **PREREQUISITES AND COREQUISITES** are MANDATORY. See page 5 for specific information.  
- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.  
- **ADVISORY** is a recommended preparation, NOT a REQUIREMENT.  
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog.
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
MUSC 052A ENSEMBLE PERFORMANCE IN JAZZ AND POPULAR MUSIC
2 units
Lecture 1 unit; lab 1 unit
Advisory: MUSC 051A
Acceptable for credit: University of California, California State University
This course focuses on small group playing. Ensembles may perform many styles including include Jazz, Rock, Hip-Hop, Funk, Ska, Classi-cal, or Vocal. Each group is expected to perform in public.

MUSC 054 HISTORY OF ROCK AND ROLL MUSIC
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. This course is West Valley College A/LAS degree applicable under area C. Humanities. Pass/No Pass Option

MUSC 055 WORLD MUSIC
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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 on the basis 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.

MUSC 061A VOCAL JAZZ ENSEMBLE: BLUES
2 units
Lecture 1 unit; lab 1 unit
Prerequisite: Audition required prior to placement in class
Acceptable for credit: University of California, California State University
Vocal Jazz Singers is a choral ensemble open to all students by audition. The ensemble performs a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class focuses on the study and performance of vocal jazz literature in the Blues style. Pass/No Pass Option

MUSC 061B VOCAL JAZZ ENSEMBLE: SWING
2 units
Lecture 1 unit; lab 1 unit
Prerequisite: Audition required prior to placement in class
Acceptable for credit: University of California, California State University
Vocal Jazz Singers is a choral ensemble open to all students by audition. The ensemble performs a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class focuses on the study and performance of vocal jazz literature from the Swing Era. Pass/No Pass Option

MUSC 061C VOCAL ENSEMBLE: LATIN JAZZ
2 units
Lecture 1 unit; lab 1 unit
Prerequisite: Audition required prior to placement in class
Acceptable for credit: University of California, California State University
Vocal Jazz Singers is a choral ensemble open to all students by audition. The ensemble performs a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class focuses on the study and performance of Latin vocal jazz literature. Pass/No Pass Option

MUSC 061D VOCAL JAZZ ENSEMBLE: POP & A CAPPELLA
2 units
Lecture 1 unit; lab 1 unit
Prerequisite: Audition required prior to placement in class
Acceptable for credit: University of California, California State University
Vocal Jazz Singers is a choral ensemble open to all students by audition. The ensemble performs a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class focuses on the study and performance of vocal jazz literature in the Pop and a cappella styles. Pass/No Pass Option

MUSC 062A SOLO PERFORMANCE IN JAZZ AND POPULAR MUSIC
1 unit
Lecture 0 units; lab 1 unit
Advisory: Previous Singing experience and ability to match pitch.
Acceptable for credit: University of California, California State University
Students study and perform songs in the popular and jazz idiom. Proper vocal technique, stage presence, phrasing and styling, and the use of microphone are explored. Pass/No Pass Option

MUSC 062B COMMERCIAL MUSIC PRODUCTION
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: California State University
This is a project based course providing appropriate training in intermediate MIDI performance techniques. The course covers intermediate-advanced computer based sequencing, original processing, recording and score editing with computer-related instruments in an intermediate-advanced MIDI environment.

MUSC 063A INTRODUCTION TO MUSIC TECHNOLOGY
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: California State University
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.

MUSC 063B COMMERCIAL MUSIC PRODUCTION
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: California State University
This is a project based course providing appropriate training in intermediate MIDI performance techniques. The course covers intermediate-advanced computer based sequencing, original processing, recording and score editing with computer-related instruments in an intermediate-advanced MIDI environment.

MUSC 064 SOUND DESIGN
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: California State University
This course is an introductory survey of sound types, techniques and the methods of their application for appropriate accomplishment to computer animation and multi-media presentations. Pass/No Pass Option

MUSC 065A RECORDING ARTS I
3 units
Lecture 2 units; lab 1 unit
Advisory: MUSC 005
Acceptable for credit: California State University
This is the first of a 3-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. Pass/No Pass Option

MUSC 065B RECORDING ARTS II
3 units
Lecture 2 units; lab 1 unit
Advisory: MUSC 065A
Acceptable for credit: California State University
This is the second of a 3-part series of recording arts classes. MUSC 065B is an intermediate class in the audio recording arts, covering multi-track recording & overdubbing, outboard and on-board signal processing, use of patch bays, mixing, automation and commercial music production. Pass/No Pass Option

MUSC 065C RECORDING ARTS III
3 units
Lecture 2 units; lab 1 unit
Advisory: MUSC 065B
Acceptable for credit: California State University
This is the last of a 3-part series of recording arts classes. It is an advanced course in the audio recording arts, covering mixing, signal processing, comp tracks and mastering. Pass/No Pass Option

MUSC 066 DIGITAL AUDIO AND NOTATION
1 unit
Lecture 0.5 units; lab 0.5 units
Advisory: MUSC 005
Acceptable for credit: California State University
This course focuses on the basics of MIDI, music notation, the digital audio workstation and digital audio terminology using industry standard technology. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
Nutrition Studies

THE FACULTY
Wendy Bowers-Gachesa

DIVISION Health and Human Development
DIVISION CHAIR Diane Rudy
DEPARTMENT CHAIR Wendy Bowers-Gachesa
PHONE 408-741-4003
EMAIL wendy.bowers-gachesa@westvalley.edu
COUNSELING 408-741-2009

Learning Outcomes
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.

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

ASSOCIATE IN SCIENCE IN NUTRITION AND DIETETICS FOR TRANSFER DEGREE (A.S.-T in Nutrition and Dietetics)
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. 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 better in al courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

After completing an A.S.-T in Nutrition and Dietetics, a student will be able to:
• Identify the role of nutrients and healthy food preparations for optimal health and well-being.
• Select appropriate foods for a healthy diet and disease risk reduction.
• Clearly communicate nutrition concepts in oral and written formats.
• Use critical thinking to analyze and interpret information from various media sources and draw scientifically-based conclusions.

Required Core Courses: 21 units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS 015</td>
<td>Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 001</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 001A</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 001B</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>BIO 045</td>
<td>Microbiology</td>
<td>5</td>
</tr>
</tbody>
</table>

List A: Select a Minimum of One Course

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 012A</td>
<td>Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>BIO 047</td>
<td>Human Anatomy</td>
<td>5</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 048</td>
<td>Human Physiology</td>
<td>5</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 010H</td>
<td>Honor Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

List B: Select One Course

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 011</td>
<td>Human Biology</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 011H</td>
<td>Honors Human Biology</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 041</td>
<td>Principles of Animal Biology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 042</td>
<td>Principles of Plant Biology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 043</td>
<td>Principles of Cell Biology</td>
<td>5</td>
</tr>
<tr>
<td>ECON 001A</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 001AH</td>
<td>Honors Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001B</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 001BH</td>
<td>Honors Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 001</td>
<td>Pre-Calculus Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH 002</td>
<td>Pre-Calculus Algebra and Trigonometry</td>
<td>6</td>
</tr>
<tr>
<td>PHYS 002A</td>
<td>General Physics -- Mechanics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 002B</td>
<td>General Physics -- Electricity and Magnetism</td>
<td>5</td>
</tr>
<tr>
<td>SOC 001</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units: 28-32

GE Units (CSU GE or IGETC): 37-39

Total Degree Units: 60

For crosswalk of new subject codes, see page 39

NUTR 020 WORLD FOOD CUSTOMS AND NUTRITION

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

This 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. In addition, this course looks at food as a source of nutrients as well as an integral part of people’s cultures. This course explores contemporary health problems related to food and nutrition, and discusses different approaches to dealing with these challenges through community development and other intervention strategies. Pass/No Pass Option

NUTR 022 SPORTS NUTRITION

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

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 will be placed on understanding the role of nutrients in physical performance. Body composition, pre-competition meals and the efficiency of ergogenic aids will also be discussed. Pass/No Pass Option

Oceanography

THE FACULTY

Robert Lopez

DIVISION Science and Mathematics

DIVISION CHAIR Roberta Bertani

DEPARTMENT CHAIR Mel Vaughn

PHONE 408-741-2483

EMAIL mel.vaughn@westvalley.edu

COUNSELING 408-741-2009

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 gases, 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 001, 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.

Learning Outcomes

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.

Career Options

Most job opportunities available to oceanography graduates are in physical oceanography: marine geology, ocean engineering, marine chemistry, and 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.

Highlights:

The Oceanography/Geology Department offers:

• Transferable courses (all Oceanography courses are transferable to UC or CSU)
• Marine Coastal Geology and San Francisco Bay Estuary Field trips
• Course Web Pages with Online Study Questions

Oceanography
OCEA 010 INTRODUCTION TO OCEANOGRAPHY
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: University of California, California State University

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 Option

Orthopedic Technician
(See Health Care Technology)

Paralegal

THE FACULTY
Stacy Hopkins

DIVISION Professional Studies
DIVISION CHAIR Jim Henderson
DEPARTMENT CHAIR Stacy Hopkins
PHONE 408-741-2345
EMAIL stacy.hopkins@westvalley.edu
COUNSELING 408-741-2009, 408-741-2098

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.

WVC PARALEGAL PROGRAM LIST OF ABA APPROVED GENERAL EDUCATION – Revised June 2014

Area A - Language and Rationality
English 1A, 1B, 1C
Math D, G, 1, 2, 3A/B, 4A/B/C, 8, 10, 12, 19, 106, 106R
Philosophy 2, 3, 17
Reading 53
Comm 1, 10, 20

Area B - Natural Sciences
Anthro 1
Astronomy 1, 2, 10, 11, 14, 20, 21
Bio 2, 10, 11, 13, 14, 15, 18, 22, 23, 24, 36, 37, 41, 42, 43, 45, 46, 47, 48
Chem 1A/B, 2, 10, 12A/B, 30A/B
Geography 1
Geology 1A/B, 2B, 15, 20
Oceanography 10
Physical Science 10, 20, 40
Physics 2A/B, 4A/B/C, 10
Psych 2, 7

Area C - Humanities
ASL 60A/B
Arabic 1A, 50A/B
Art 1A/B/D, 4, 7, 10, 12A/B, 13, 14
Chinese 50A
English 5A/B, 6A/B, 7A/B, 12, 13, 18, 43, 44, 46, 47, 48, 49
French 1A/B, 2A/B, 50A/B, 51A/B
German 1A/B, 2A/B, 50A/B, 51A/B
Italian 1A/B, 2A/B, 50A/B, 51A/B, Japanese 1A/B, 2A/B, 50A/B, 51A/B
Latin 50A
Music 1, 2, 9, 10
Philosophy 1, 3, 4, 5, 6, 8, 12
Portuguese 1A/B
Russian 1A/B, 50A/B
Spanish 1A/B, 2A/B, 3A/B, 50A/B, 51A/B
Theatre 1, 10, 14A/B, 15

Area D - Social Science
Series 1
AJ 1
Anthro 2, 3, 4
Econ 1 A/B, 10, 10A
Geography 2, 6

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
Project Manager/Sales for legal support software vendors • Contracts Administrator • Compliance Officer in a Corporate Human Resources Department • 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 paralegal program. This degree is all of the requirements for the Paralegal Certificate of Achievement plus general education requirements.

After completing this degree in Paralegal, a student will be able to:

1. Describe the practice of law and the paralegal’s role in the legal profession.
2. Demonstrate the skills and knowledge needed to work in civil litigation.
3. Conduct legal research.
4. Apply the ethical rules and regulations applicable to paralegals and other legal professionals to given situations.

Required Core Courses: 29 units

Course Units
PARA 018 Legal Analysis 2
PARA 019 Introduction to Paralegal Studies 3
PARA 021 Introduction to American Law 3
PARA 022 Civil Litigation Procedures 3
PARA 022A Pre-trial Procedures 1.5
PARA 023 Legal Research and Writing 3
PARA 024A Writing for Law Practice 1.5
PARA 025 Legal Ethics and Professional Responsibility 1.5
PARA 029A Paralegal Employment Preparation 1
PARA 029B Internship 2
PARA 043 Law Office Management 3
PARA 065B Microsoft Word for the Law Office 3
PARA 068 Computer Assisted Legal Research 1.5

Electives from Recommended List: 6 units

Course Units
PARA 022B Post Trial Procedures 1
PARA 027 Corporate Law 3
PARA 030 Business Contract Law 1.5
PARA 032 Family Law 3
PARA 033 Paralegal Procedures in Real Estate Law 1.5
PARA 034 Bankruptcy Law and Procedures 1.5
PARA 035A Practical Procedures for Probate 1.5
PARA 036 Will Drafting and Basic Estate Planning 3
PARA 037 Intellectual Property Law 3
PARA 038 Constitutional Law 3
PARA 070 Employment Law 3
PARA 075 Business Compliance Law 1.5
PARA 076 Immigration and Naturalization Law for Paralegals 3
PARA 077 Elder Law for Paralegals 1.5
PARA 083B Electronic Evidence Discovery 1
AJ 004 Legal Aspects of Evidence 3
AJ 005 Criminal Investigation 3
AJ 041 Introduction to Forensics 3

Certificate of Achievement

The Paralegal Certificate of Achievement goals and objectives were designed to prepare the student to enter into the paralegal profession. Students who successfully complete the program will be able to • Describe the American legal system • Describe the practice of law and the paralegal’s role in the legal profession • Demonstrate the skills and knowledge needed to work in civil litigation • Demonstrate the skills and knowledge needed to do legal research • Demonstrate strong written and oral communication skills • Apply the ethical rules and regulations applicable to paralegals and other legal professionals to given situations. Inexperienced graduates are employable but will most likely be hired as paralegal assistants (sometimes called “case assistants”) until the employer can accurately gauge the new employee’s level of preparation and skills. The internship requirement of our program is designed to help offset this by assuring that each graduate has some law office experience before looking for his or her first paralegal position. Examples of Paralegal employers include • Law Firms • Government Agencies • Corporate Legal Departments • Non-Profit Organizations • Financial Institutions • Insurance Companies • Real Estate Companies In addition, there are a number of alternative careers for paralegal-trained individuals, including • Investigator or Hearing Officers for Federal, State, and Local Administrative Agencies • Insurance Claims Adjuster • Debt Collector • Financial Services Representative • Legal Writer • Alternative Dispute Resolution (Mediator, Arbitrator) • Tax Preparer • Legal Publishing or Database Company Representative • Project Manager/ Sales for legal support software vendors • Contracts Administrator • Compliance Officer in a Corporate Human Resources Department • 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 paralegal program.

After students complete this certificate in Paralegal, they will be able to:

1. Describe the practice of law and the paralegal’s role in the legal profession.
2. Demonstrate the skills and knowledge needed to work in civil litigation.
3. Conduct legal research.
4. Apply the ethical rules and regulations applicable to paralegals and other legal professionals to given situations.

Required Core Courses: 29 units

Course Units
PARA 018 Legal Analysis 2
PARA 019 Introduction to Paralegal Studies 3
PARA 021 Introduction to American Law 3
PARA 022 Civil Litigation Procedures 3
PARA 022A Pre-trial Procedures 1.5
PARA 023 Legal Research and Writing 3
PARA 024A Writing for Law Practice 1.5
PARA 025 Legal Ethics and Professional Responsibility 1.5
PARA 029A Paralegal Employment Preparation 1
PARA 029B Internship 2
PARA 043 Law Office Management 3
PARA 065B Microsoft Word for the Law Office 3
PARA 068 Computer Assisted Legal Research 1.5
PARA 022B Post Trial Procedures 1
PARA 027 Corporate Law 3
PARA 030 Business Contract Law 1.5
PARA 032 Family Law 3
PARA 033 Paralegal Procedures in Real Estate Law 1.5
PARA 034 Bankruptcy Law and Procedures 1.5
PARA 035A Practical Procedures for Probate 1.5
PARA 036 Will Drafting and Basic Estate Planning 3
PARA 037 Intellectual Property Law 3
PARA 038 Constitutional Law 3
PARA 070 Employment Law 3
PARA 075 Business Compliance Law 1.5
PARA 076 Immigration and Naturalization Law for Paralegals 3
PARA 077 Elder Law for Paralegals 1.5
PARA 083B Electronic Evidence Discovery 1
PARA 083C Patent Administration for Paralegals 3
AJ 004 Legal Aspects of Evidence 3
AJ 005 Criminal Investigation 3
AJ 041 Introduction to Forensics 3

Course Units
PARA 018 Legal Analysis 2
PARA 019 Introduction to Paralegal Studies 3
PARA 021 Introduction to American Law 3
PARA 022 Civil Litigation Procedures 3
PARA 022A Pre-trial Procedures 1.5
PARA 023 Legal Research and Writing 3
PARA 024A Writing for Law Practice 1.5
PARA 025 Legal Ethics and Professional Responsibility 1.5
PARA 029A Paralegal Employment Preparation 1
PARA 029B Internship 2
PARA 043 Law Office Management 3
PARA 065B Microsoft Word for the Law Office 3
PARA 068 Computer Assisted Legal Research 1.5
PARA 022B Post Trial Procedures 1
PARA 027 Corporate Law 3
PARA 030 Business Contract Law 1.5
PARA 032 Family Law 3
PARA 033 Paralegal Procedures in Real Estate Law 1.5
PARA 034 Bankruptcy Law and Procedures 1.5
PARA 035A Practical Procedures for Probate 1.5
PARA 036 Will Drafting and Basic Estate Planning 3
PARA 037 Intellectual Property Law 3
PARA 038 Constitutional Law 3
PARA 070 Employment Law 3
PARA 075 Business Compliance Law 1.5
PARA 076 Immigration and Naturalization Law for Paralegals 3
PARA 077 Elder Law for Paralegals 1.5
PARA 083B Electronic Evidence Discovery 1
PARA 083C Patent Administration for Paralegals 3
AJ 004 Legal Aspects of Evidence 3
AJ 005 Criminal Investigation 3
AJ 041 Introduction to Forensics 3

Total Certificate Units 35

Note: No more than 3 units of Administration of Justice courses may be selected as electives. For crosswalk of new subject codes, see page 39

Course Substitution and Waivers

Course substitutions are approved pursuant to Program policy only. No waiver of courses is permitted by the Program.

For crosswalk of new subject codes, see page 39

PARA 018 LEGAL ANALYSIS
2 units
Lecture 2 units; lab 0 units
Acceptable for credit: California State University
This course covers how to analyze primary sources of law, including enacted law and court opinions. It focuses on understanding the requirements of the law and applying these requirements to a client’s facts.

PARA 019 INTRODUCTION TO PARALEGAL STUDIES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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.

PARA 021 INTRODUCTION TO AMERICAN LAW
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course provides an overview of major substantive areas of American Law including contract, constitutional law, corporations, criminal law, family law, property, wills and estates, and personal injury law.

West Valley College 2017 • 2018 Catalog
157

• PREREQUISITES and COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
Recommended Preparations in Basic Skills:

Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
### PARA 042 CRIMINAL TRIAL TECHNIQUES FOR THE PARALEGAL
3 units
Lecture 3 units; lab 0 units
This course provides an in-depth study of the various techniques 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.

### PARA 043 LAW OFFICE MANAGEMENT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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.

### PARA 065B MICROSOFT WORD FOR THE LAW OFFICE
3 units
Lecture 3 units; lab 0 units
Advisory: CAPP 031B
Acceptable for credit: California State University
This course covers the preparation of legal documents, such as contracts, wills, and pleadings, using Microsoft Word features that apply to the law office.

### PARA 068 COMPUTER ASSISTED LEGAL RESEARCH
1.5 unit
Lecture 1.5 unit; lab 0 units
Advisory: PARA 019
Acceptable for credit: California State University
This course covers the fundamentals 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 Only

### PARA 070 EMPLOYMENT LAW
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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.

### PARA 075 BUSINESS COMPLIANCE LAW
1.5 units
Lecture 1.5 units; lab 0 units
Acceptable for credit: California State University
This course provides an overview of the principles related to corporate and healthcare compliance laws.

### PARA 076 IMMIGRATION AND NATURALIZATION LAW FOR PARALEGALS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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.

### PARA 077 ELDER LAW FOR PARALEGALS
1.5 units
Lecture 1.5 units; lab 0 units
Acceptable for credit: California State University
This course introduces students to the elder law issues of estate planning, Medicare, Social Security, and guardianship.

### PARA 083B ELECTRONIC EVIDENCE DISCOVERY
1 unit
Lecture 1 unit; lab 0 units
Advisory: PARA 022
Acceptable for credit: California State University
This course introduces and instructs the student in the fundamental skills necessary to the collection, preservation, and production of discoverable evidence in electronic form. Emphasis is on the critical differences between discovery of paper documents and discovery of electronic evidence and metadata. The course is designed for students who want to learn how to comply with discovery rules and document requests while avoiding the common errors that may lead to court sanctions.

### PARA 083C PATENT ADMINISTRATION FOR PARALEGALS
3 units
Lecture 3 units; lab 0 units
Advisory: PARA 037
Acceptable for credit: University of California, California State University
Students are introduced to the patent administration process. They are provided with a step-by-step approach to the role paralegals play in the administration of patents.

### Park Management

#### THE FACULTY
Christopher Cruz

**DIVISION** Professional Studies

**DIVISION CHAIR** Jim Henderson

**DEPARTMENT CONTACT** Chris Cruz

**PHONE** 408-741-2622

**EMAIL** chris.cruz@westvalley.edu

#### PARK MANAGEMENT

**A.S. Degree**

The Park Management department meets the needs of three different groups of students: the typical career-oriented college student, the professional wishing a career change and the park professional whose goal is to enhance their skills, obtain in-service training and comply with changing professional standards. Upon completion of the Park Management certificate students will be able to design, develop, and complete projects in the following four areas: park resources management, visitor services, park maintenance, and comply with natural and cultural resource interpretation. The Associates in Science degree is designed for those students who have a desire to pursue a career at the city, county, state and federal levels, as a Park Ranger or Manager, Environmental Education Specialist or Park Naturalist, maintenance worker or manager, resource management technician or manager.

After completing this degree in Park Management, a student will be able to:

1. Design, develop, and complete projects in the following four areas: resources management, visitor services, maintenance and interpretation.
2. Plan and implement a backcountry overnight experience.
3. Use wildland and emergency medical response techniques.
4. Design and develop plans for park facilities.
5. Develop GIS mapping projects and demonstrate the use of GPS.

#### Required Core Courses: 38-39 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PKMGT 010 Introduction to Park Management</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 011 Park Communications</td>
<td>2</td>
</tr>
<tr>
<td>PKMGT 012A Basic Outdoor Skills</td>
<td>2</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PKMGT 012B Intermediate Outdoor Skills</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 013 Wildland Fire Suppression</td>
<td>2</td>
</tr>
<tr>
<td>PKMGT 014 Conservation of Our Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 015A Duties of the Park Professional</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 015B Natural and Cultural Resource</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 015C Introduction to Park Maintenance</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 016A Introduction to Geospatial Technology</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 017 Basic Horticulture for Parks</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 018 Park Planning &amp; Design</td>
<td>2</td>
</tr>
<tr>
<td>PKMGT 019 Wilderness First Responder</td>
<td>5</td>
</tr>
<tr>
<td>PKMGT 025A PKMGT Employment Preparation</td>
<td>1</td>
</tr>
<tr>
<td>PKMGT 025B Internship</td>
<td>2</td>
</tr>
<tr>
<td>PKMGT 021 Park Operations Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

**PREREQUISITES AND COREQUISITES are MANDATORY.** See page 5 for specific information.

**Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.**

**ADVISORY is a recommended preparation, NOT a REQUIREMENT.**

**This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog.**
PARK MANAGEMENT
Certificate of Achievement

The Park Management department meets the needs of three different groups of students: the typical career-oriented college student, the professional wishing a career change and the park professional whose goal is to enhance their skills, obtain in-service training and comply with changing professional standards. Upon completion of the Park Management certificate students will be able to design, develop, and complete projects in the following four areas: park resources management, visitor services, park maintenance, and natural and cultural resource interpretation. The certificate is designed for those students who have a desire to pursue a career in becoming a GIS technician or Remote Sensing Technician. After completing an Geospatial Technology certificate, a student will be able to:
- Demonstrate skills and knowledge to perform analysis using GIS, GPS, and Remote Sensing.
- Demonstrate skill in using the software packages that apply to GIS, GPS, and Remote Sensing disciplines.

Required Core Courses: 24 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PKMGT 010 Intro to Park Management</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 011 Park Communications</td>
<td>2</td>
</tr>
<tr>
<td>PKMGT 012A Basic Outdoor Skills</td>
<td>2</td>
</tr>
<tr>
<td>OR PKMGT 012B Intermediate Outdoor Skills</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 013 Wildland Fire Suppression</td>
<td>2</td>
</tr>
<tr>
<td>PKMGT 014 Conservation of Our Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 015A Duties of the Park Professional</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 015B Natural and Cultural Resource</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 015C Introduction to Park Maintenance</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 016A Introduction to Geospatial Technology</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 017 Basic Horticulture for Parks</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 018 Park Planning &amp; Design</td>
<td>2</td>
</tr>
<tr>
<td>PKMGT 019 Wilderness First Responder</td>
<td>5</td>
</tr>
<tr>
<td>PKMGT 020A PKMGT Employment Preparation</td>
<td>1</td>
</tr>
<tr>
<td>PKMGT 020B Internship</td>
<td>2</td>
</tr>
<tr>
<td>PKMGT 021 Park Operations Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

Recommended Electives: Units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PKMGT 012C Advanced Outdoor Skills</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 019B Wilderness First Responder Refresher</td>
<td>2</td>
</tr>
<tr>
<td>PKMGT 023 Powersaws</td>
<td>1</td>
</tr>
<tr>
<td>PKMGT 024 Wilderness Navigation</td>
<td>1</td>
</tr>
</tbody>
</table>

Recommended Electives: Units

For crosswalk of new subject codes, see page 39

GEOSPATIAL TECHNOLOGY
Certificate of Achievement

Upon completion of the Geospatial Technology certificate, students will have a foundation in the field of geospatial technologies. This course of study includes: Geographic Information Science, Global Positioning Systems, and Remote Sensing. The certificate is designed for those students who have a desire to pursue a career in becoming a GIS technician or Remote Sensing Technician.

After completing an Geospatial Technology certificate, a student will be able to:
- Demonstrate skills and knowledge to perform analysis using GIS, GPS, and Remote Sensing.
- Demonstrate skill in using the software packages that apply to GIS, GPS, and Remote Sensing disciplines.

Required Core Courses: 24 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PKMGT 016A Introduction to Geospatial Technology</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 016G Introduction to Remote Sensing</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 016B Mobile GIS</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 016C Spatial Analysis for GIS</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 016D Cartographic Design for GIS</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 016E Database Design and Management for GIS</td>
<td>3</td>
</tr>
<tr>
<td>GIST 016I GIS Programming and the Web</td>
<td>3</td>
</tr>
<tr>
<td>PKMGT 020A PKMGT Employment Preparation</td>
<td>1</td>
</tr>
<tr>
<td>PKMGT 020B Internship</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Certificate Units 24

For crosswalk of new subject codes, see page 39

GIST 016I GIS PROGRAMMING AND THE WEB

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: California State University

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.

PMGT 010 INTRODUCTION TO PARK MANAGEMENT

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: California State University

This course provides an introduction to public land management and the history of environmental thought from prehistoric time to the creation of our national parks. Also the student has the opportunity to learn about the variety of city, county, state, regional open space, and federal land management agencies, their missions and employment opportunities.

PMGT 011 PARK COMMUNICATIONS

2 units

Lecture 2 units; lab 0 units

Acceptable for credit: California State University

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.

PMGT 012A BASIC OUTDOOR SKILLS

2 units

Lecture 1 unit; lab 1 unit

Acceptable for credit: California State University

This course introduces the student to those skills necessary to camp and backpack using environmentally sensitive methods. Other topics include equipment evaluation and use, back-country first aid and those skills necessary for the back-country traveler. Two-day and three-day backpacking trips required.

PMGT 012B INTERMEDIATE OUTDOOR SKILLS

3 units

Lecture 2 units; lab 1 unit

Acceptable for credit: California State University

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 back-country/wilderness settings. Pass/No Pass Option.

PMGT 012C ADVANCED OUTDOOR SKILLS

3 units

Lecture 2 units; lab 1 unit

Prerequisites: PMGT 012A

Acceptable for credit: California State University

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: shelter building, staying warm, finding water, tracking, working in adverse weather conditions, independent critical decision-making and teamwork.
PMGT 013 WILDLAND FIRE SUPPRESSION
2 units
Lecture 2 units; lab 0 units
Acceptable for credit: California State University
This course provides the training necessary for the federal Interagency “RED” card for wildland firefighter. Subjects 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.

PMGT 014 CONSERVATION OF OUR NATURAL RESOURCES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course emphasizes the conservation of our natural resources with a 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. This course is dual listed with BIO 015.

PMGT 015A DUTIES OF THE PARK PROFESSIONAL
3 units
Lecture 2 units; lab 1 unit
Prerequisites: PMGT 010
Acceptable for credit: California State University
This course addresses specific contemporary topics and issues pertinent to the operation and management of public and private lands. This course includes strategies for invasive species reduction, wetland and desert land management, timber harvest management, visitor use management, hazardous materials management, search and rescue management, media relations, agency liability, visitor safety and ranger safety.

PMGT 015B NATURAL & CULTURAL RESOURCE INTERPRETATION
3 units
Lecture 2 units; lab 1 unit
Prerequisite: PMGT 010
Acceptable for credit: California State University
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.

PMGT 015C INTRODUCTION TO PARK MAINTENANCE
3 units
Lecture 1 unit; lab 2 units
Prerequisite: PMGT 010
Acceptable for credit: California State University
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.

PMGT 016A INTRODUCTION TO GEOSPATIAL TECHNOLOGY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course examines the theory behind Geographic Information Systems (GIS), Global Positioning Systems (GPS), 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 ARCGIS software to find solutions and develop methods to solve problems using spatial data.
**PMTG 016B MOBILE GIS**  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: California State University  
This course provides students the opportunity to experience collecting field data with a Global Positioning System and incorporating that data in a mobile GIS. The use of GPS in conjunction with Mobile GIS software is emphasized.

**PMTG 016C SPATIAL ANALYSIS FOR GIS**  
3 units  
Lecture 3 units; lab 0 units  
Prerequisite: PMTG 016A  
Acceptable for credit: California State University  
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 to be studied include measures of central tendency, dispersion, and density. These methods are presented using empirical data.

**PMTG 016D CARTOGRAPHIC DESIGN FOR GIS**  
3 units  
Lecture 3 units; lab 0 units  
Prerequisite: PMTG 016A  
Acceptable for credit: California State University  
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.

**PMTG 016E DATABASE DESIGN AND MANAGEMENT FOR GIS**  
3 units  
Lecture 3 units; lab 0 units  
Prerequisite: PMTG 016A  
Acceptable for credit: California State University  
This course examines the principles of database management and design including conversion functions, indexing 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.

**PMTG 016G INTRODUCTION TO REMOTE SENSING**  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: California State University  
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 conduct analysis using current remote sensing software.

**PMTG 017 BASIC HORTICULTURE FOR PARKS**  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: California State University  
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, and sustainable use of plants in the environment.

**PMTG 018 PARK PLANNING AND DESIGN**  
2 units  
Lecture 2 units; lab 0 units  
Acceptable for credit: California State University  
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.

**PMTG 019 WILDERNESS FIRST RESPONDER**  
5 units  
Lecture 5 units; lab 0 units  
Acceptable for credit: California State University  
This 90-hour course of lecture and supervised practical exercises 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 WVC-PM’s “First Responder” and “Wilderness First Responder” and American Heart Association’s “CPR for the Healthcare Provider” or American Red Cross’s “CPR for the Professional Rescuer.” Pass/No Pass Option

**PMTG 019B WILDERNESS FIRST RESPONDER REFRESHER**  
2 units  
Lecture 2 units; lab 0 units  
This refresher course is intended to give students an update on changes and improvements on techniques and methodologies for the Wilderness First Responder. This course with updated standards and protocols offers students an opportunity to work and practice the most current diagnostic and treatment skills. The student must possess a valid Professional Rescuer CPR with AED certificate prior to the start of class.

**PMTG 020A PKMGT EMPLOYMENT PREPARATION**  
1 unit  
Lecture 1 unit; lab 0 units  
Prerequisites: PMTG 015A and PMTG 015B and PMTG 015C; or PMTG 016A and PMTG 016C and PMTG 016E Prerequisites: PMTG 15A, 15B, 15C are required for PMKT students. Prerequisites PMGT 16A, 16C, 16E are required for Geospatial PMGT students.  
Corequisites: PMGT 020B  
Acceptable for credit: California State University  
This course is designed to provide students with the requisite experience in the development of resumes, background investigations, digital portfolio and interviewing skills.

**PMTG 020B WORK EXPERIENCE**  
2 units  
Work Experience: 2 units  
Corequisites: PMGT 020A  
Acceptable for credit: California State University  
In this course, students apply the knowledge and skills acquired in either the Park Management or Geospatial Technology Programs. The students, supervisor, and faculty agree upon and establish objectives that students are to achieve during this practical experience in park management and geospatial technology. Students focus on the benchmarks specific to their discipline of choice. A minimum of 120 unpaid or 150 paid internship hours are required.

**PMTG 021 PARK OPERATIONS LABORATORY**  
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: California State University  
This course in park operations takes place in county parks, such as Sanborn/Skyline and Stevens Creek. Students have the opportunity to experience ranger, maintenance, and interpretive specialized instruction from county park personnel while performing projects and tasks.

**PMTG 023 POWERSAWS**  
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: California State University  
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. Pass/No Pass Option

**PMTG 024 WILDERNESS NAVIGATION**  
1 unit  
Lecture 0.5 units; lab 0.5 units  
Acceptable for credit: California State University  
This land navigation course is intended to give the student a thorough knowledge of, and skills in reading and using topographic maps, the compass, terrain reading and interpretation, 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.
Philosophy

THE FACULTY
Barbara Upton

DIVISION Social Science
DIVISION CHAIRS Janis Kea & Nichola Gutierrez
DEPARTMENT CHAIR Barbara Upton
PHONE 408-741-2458
EMAIL barbara.upton@westvalley.edu
COUNSELING 408-741-2009

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.

Career Options
Philosophy courses meet general education and transfer requirements in critical thinking, humanities, and cultural diversity. See the course listings below for specific transfer information about each philosophy class.

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.).

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

ASSOCIATE IN ARTS IN PHILOSOPHY FOR TRANSFER DEGREE (A.A.-T in Philosophy)
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 who complete the Associate in Arts in Philosophy for Transfer degree (AA-T in Philosophy) will be able to demonstrate clarity and rigor of thought and expression; evaluate reasoning in order to develop precise and persuasive arguments and resistance to incorrect arguments; apply philosophy’s analytical approach to people’s most basic assumptions about the world and human experience; analyze the vitality and relevance of classical philosophical debates to contemporary life; and identify and describe characteristics of diverse multicultural traditions.

Students must complete the following requirements:
- 60 semester or 90 quarter CSU-transferable units

For crosswalk of new subject codes, see page 39

• 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.
• attainment of a minimum grade point average (GPA) of 2.0.
• earn a grade of C or better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses: Select two:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 002</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 001</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 003</td>
<td>3</td>
</tr>
</tbody>
</table>

List A: Select one:
- Any course from Required Core not already used
- PHIL 017 Logic & Critical Reasoning 3
- PHIL 022 Philosophy of Religion 3

List B: Select two:
- Any course from List A not already used
- HIST 004A Western Civilization I: Prehistory to 1500 CE 3
- HIST 004B Western Civilization II: 1500 CE to Present 3

List C: Select one:
- Any course from List A or B not already used
- PHIL 005 Introduction to Social and Political Philosophy 3

Total Major Units 18

GE Units (CSU GE or IGETC) 37-39

Total Degree Units 60

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60

For crosswalk of new subject codes, see page 39

PHILOSOPHY

A.A. Degree
The A.A. in Philosophy will provide students with the ability to think logically, critically, and philosophically. In developing these skills, students will be introduced to a wide range of philosophical topics. After earning this degree, students will have the skills necessary to perform in-depth critical analysis and theorizing. Courses in this program can be used simultaneously to complete General Education Requirements for UC and CSU.

After completing an A.A. degree in Philosophy, a student will be able to:
- Demonstrate clarity and rigor of thought and expression.
- Evaluate reasoning in order to develop precise and persuasive arguments and resistance to incorrect arguments.
- Apply philosophy’s analytical approach to people’s most basic assumptions about the world and human experience.
- Analyze the vitality and relevance of classical philosophical debates to contemporary life.
- Identify and describe characteristics of diverse multicultural traditions.

- PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
- ADVISORY is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
Required Core Courses: 9 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 001 Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 002 Introduction to Logic</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 003 Introduction to Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

**List A: 3 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 004 Patterns in Comparative Religions</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 016 Religious Pluralism in the United States</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 021 World Philosophers on Death</td>
<td>3</td>
</tr>
</tbody>
</table>

**List B: 9 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 005 Introduction to Social and Political Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 012 Introduction to Environmental Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 017 Logic &amp; Critical Reasoning</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 022 Philosophy of Religion</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Units 21

For crosswalk of new subject codes, see page 39

**PHIL 001 INTRODUCTION TO PHILOSOPHY**

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

C-ID PHIL 100

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.

**PHIL 002 INTRODUCTION TO LOGIC**

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

C-ID PHIL 110

This course introduces some principles of valid reasoning with emphasis on deductive logic. The course includes a study of formal techniques of sentential logic. The course may also include a treatment of inductive reasoning, language, or fallacies.

**PHIL 003 INTRODUCTION TO ETHICS**

3 units

Lecture 3 units; lab 0 units

Prerequisite: ENGL 001A

Acceptable for credit: University of California, California State University

C-ID PHIL 120

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, Christianity, Kant, the utilitarians, and the intuitionists. 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.

**PHIL 004 PATTERNS IN COMPARATIVE RELIGIONS**

3 units

Lecture 3 units; lab 0 units

Advisory: ENGL 001A

Acceptable for credit: University of California, California State University

This course is an introduction to the critical, comparative study of religion. The student will be introduced to the responses offered by the major Western and non-Western religions to perennial problems of human life. 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.

**PHIL 005 INTRODUCTION TO SOCIAL AND POLITICAL PHILOSOPHY**

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

This course is designed to introduce the student to the major theories in political and social philosophy and their practical application to relevant issues. How, for instance, do we adjudicate the rights of the individual against the rights of the state and its authority? What constitutes the just state? And what effects do certain political ideologies (liberalism, Fascism and Communism) have on social relations? This course traces the history of these ideas from Plato to what is currently being called the Postmodern condition.

**PHIL 017 LOGIC AND CRITICAL REASONING**

3 units

Lecture 3 units; lab 0 units

Prerequisite: ENGL 001A

Acceptable for credit: University of California, California State University

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 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.

**PHIL 021 WORLD PHILOSOPHERS ON DEATH**

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

This course explores major philosophical questions about death and the meaning of life from an American multi-cultural perspective. The effects of class, gender, and ethnicity on conceptions of death and death rituals will be analyzed. The following issues will also be 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 American religious traditions, the nature and significance of so-called “paranormal” experiences, and the meaning of salvation or liberation or transcendence in American religious traditions (concepts of heaven, nirvana, moksha, satori, etc.). Required readings will be taken from classic texts of Western and non-Western philosophy and religion, as well as contemporary American feminist philosophy, and African, aboriginal, and native American sources. This course satisfies the 3-unit Cultural Diversity requirement for an Associate degree. Pass/No Pass Option

**PHIL 022 PHILOSOPHY OF RELIGION**

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

In PHIL 022, we conduct a systematic inquiry into the philosophical foundations of the religious viewpoint. The course examines questions such as: What is the relation between faith and reason? Does God exist, and if so, what (if anything) can be said about God? Can we reconcile the goodness of God with human and animal suffering? What human experiences (if any) are religious experiences? Religions provide answer to these and many other fundamental questions.

**Photography**

(See Art)

**Physical Education**

(See Kinesiology)
Physical Science

The Faculty
Doug Epperson
Lungyee Lin
Mel Vaughn

Division: Science and Mathematics
Department Chair: Roberta Berlani
Phone: 408-741-2483
Email: mel.vaughn@westvalley.edu
Counseling: 408-741-2009

Learning Outcomes
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:
See assist.org and/or consult with a counselor.

PSCI 010 Physical Science Survey
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

PSCI 020 Weather and Climate
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID GEOG 130
This course is an introduction to Earth's atmosphere. The topics covered include atmospheric structure and composition, solar radiation and energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, thunderstorms and tornadoes, tropical cyclones, weather forecasting, California climate and weather, global climate and weather and climate change. Pass/No Pass Option

Physics

The Faculty
Doug Epperson
Lungyee Lin
Mel Vaughn

Division: Science and Mathematics
Department Chair: Roberta Berlani
Phone: 408-741-2483
Email: mel.vaughn@westvalley.edu
Counseling: 408-741-2009

Associate in Science in Physics for Transfer Degree (A.S.-T in Physics)
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 who complete the Associate in Science in Physics for Transfer degree (AS-T in Physics) 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; and 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.

Students must complete the following requirements:
- 60 semester or 90 quarter 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.
- a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 004A</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 004B</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 004C</td>
<td>5</td>
</tr>
<tr>
<td>MATH 003A</td>
<td>5</td>
</tr>
<tr>
<td>MATH 003B</td>
<td>5</td>
</tr>
<tr>
<td>MATH 004A</td>
<td>5</td>
</tr>
<tr>
<td>Total Major Units</td>
<td>30</td>
</tr>
<tr>
<td>GE Units (CSU GE or IGETC)</td>
<td>37-39</td>
</tr>
<tr>
<td>Total Degree Units</td>
<td>60</td>
</tr>
</tbody>
</table>

For crosswalk of new subject codes, see page 39

RIPREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.

Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.

ADVISORY is a recommended preparation, NOT a REQUIREMENT.

This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog.
Recommended Preparations in Basic Skills:

Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.

**PHYS 002A GENERAL PHYSICS – MECHANICS**
5 units
Lecture 4 units; lab 1 unit
Prerequisite: MATH 000D or MATH 002
Advisory: PHYS 001
Acceptable for credit: University of California, California State University
C-ID PHYS 105

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.

**PHYS 002B GENERAL PHYSICS – ELECTRICITY AND MAGNETISM**
5 units
Lecture 4 units; lab 1 unit
Prerequisite: PHYS 002A
Acceptable for credit: University of California, California State University
C-ID PHYS 110

This is a trigonometry-based course in Physics for majors in subjects other than engineering or the physical sciences. The course covers mechanical waves and sound, electricity, magnetism, optics, atomic physics, nuclear physics and special relativity. Concepts and problem solving are emphasized.

**PHYS 004A ENGINEERING PHYSICS – MECHANICS**
5 units
Lecture 4 units; lab 1 unit
Prerequisite: MATH 003A
Advisory: PHYS 001
Acceptable for credit: University of California, California State University
C-ID PHYS 205

Mechanics is the first course in the engineering physics series. It covers vectors, kinematics, dynamics, energy, momentum, universal gravity, rotational physics, fluid dynamics, elasticity and harmonic motion.

**PHYS 004B ENGINEERING PHYSICS – ELECTRICITY & MAGNETISM**
5 units
Lecture 4 units; lab 1 unit
Prerequisite: PHYS 004A and MATH 003B
Acceptable for credit: University of California, California State University
C-ID PHYS 210

This is the second 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 special relativity. Problem solutions using calculus is emphasized.

**PHYS 004C ENGINEERING PHYSICS – LIGHT, HEAT AND WAVES**
5 units
Lecture 4 units; lab 1 unit
Prerequisite: PHYS 004A and MATH 003B
Acceptable for credit: University of California, California State University
C-ID PHYS 215

This is the third semester of a three-semester physics course, 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 special relativity. Problem solutions using calculus is emphasized.

**PHYS 004D ADVANCED TOPICS IN MODERN PHYSICS**
3 units
Lecture 3 units; lab 0 units
Prerequisite: PHYS 004B or PHYS 004C
Advisory: MATH 004B
Acceptable for credit: University of California, California State University

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, Schroedinger’s Equation, the Hydrogen Atom, Nuclear Physics, Particle Physics, and Solid-State Physics and other selected topics in Modern Physics.

**PHYS 010 CONCEPTUAL INTRODUCTION TO PHYSICS**
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: University of California, California State University

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.

**Political Science**

THE FACULTY
Nichola Gutierrez
Tim Kelly

DIVISION Social Science
DIVISION CHAIRS Janis Kea & Nichola Gutierrez
DEPARTMENT CHAIR Nichola Gutierrez
PHONE 408-741-2557
EMAIL nichola.gutierrez@westvalley.edu
COUNSELING 408-741-2009

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.

Career Options:
- Researcher/Analyst
- Political Economist
- Foreign Service Officer
- Attorney
- Lobbyist
- City Planner
- Teacher
- Administrator
- Elected Official
- Journalist
- Legislative Aide
- Political Scientist
- City Manager
- Business person
- Campaigner
- Advocate
- Community Relations Director
- Congressional Aide
- Consumer Advocate

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

ASSOCIATE IN ARTS IN POLITICAL SCIENCE FOR TRANSFER DEGREE

(A.A.-T in Political Science)
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 completing the Associate in Arts in Political Science for Transfer degree (AA-T in Political Science) will be able to 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; 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; compare the U.S. political system to others in the world; and describe the political relations among nations and the transnational relations practiced by people, organizations, and institutions across national boundaries.
Students must complete the following ADT 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 better in all courses required for the major or area of emphasis. Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

**Required Core Courses: 3 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLIT 001 American Government</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>POLIT 001H Honors American Government</td>
<td>3</td>
</tr>
</tbody>
</table>

**List A (Select three): 9-10 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLIT 002 Comparative Governments</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 004 International Relations</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 003 Introduction to Political Science</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>POLIT 003H Honors Introduction to Political Science</td>
<td>3</td>
</tr>
<tr>
<td>MATH 010 Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MATH 010H Honors Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

**List B (Select two): 6-7 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 001 Introduction to Administration of Justice</td>
<td>3</td>
</tr>
<tr>
<td>ANTHR 002 Introduction to Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001A Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001AH Honors Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001B Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001BH Honors Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 002 Intro Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 001 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 001 Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>WGS 001 Introduction to Women’s Studies</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total Major Units** 18-20

**GE Units (CSU GE or IGETC)** 37-39

**Total Degree Units** 60

CSU transferable elective courses are required when the major units plus transfer GE units total is less than 60. Special transfer pathway to University of Hawaii at Manoa, see page 8. For crosswalk of new subject codes, see page 39.

**POLITICAL SCIENCE**

**A.A. Degree**

After completing an A.A. degree for transfer in Political Science, a student will be able to:

- 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
- 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;
- 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: 12 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLIT 001 American Government</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 002 Comparative Governments</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 003 Introduction to Political Science</td>
<td>3</td>
</tr>
<tr>
<td>POLIT 004 International Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective Courses: 8 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 001 Introduction to Physical Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTHR 002 Introduction to Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ANTHR 003 Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001A Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001B Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 001 Intro Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 002 Intro Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIST Any History Course</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 001 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 002 Experimental Psychophysiology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 007 Psychological Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 009 Psychology of Women: a Multicultural Perspective</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 012 Human Growth and Development3</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 025 Introduction to Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 001 Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 002 Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SOC 020 American Race Relations</td>
<td>3</td>
</tr>
<tr>
<td>SOC 040 Marriage and Family</td>
<td>3</td>
</tr>
<tr>
<td>SOC 045 Sociology of Human Sexuality</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units** 20

For crosswalk of new subject codes, see page 39.

**POLI 001H HONORS AMERICAN GOVERNMENT**

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

C-ID POLS 110

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. This course may be used to meet Social Science Area D in the General education pattern for transfer to the California State University system.

**POLI 002 COMPARATIVE GOVERNMENTS**

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

C-ID POLS 130

Political Science 002 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. 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.

**POLI 003 INTRODUCTION TO POLITICAL SCIENCE**

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

C-ID POLS 150

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. Political Science 03 may be used to meet Social Science Series I or II requirements in the General Education pattern for transfer to the California State University system.

- **PREREQUISITES AND COREQUISITES** are MANDATORY. See page 5 for specific information.
- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
- ADVISORY is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog.
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also require a math course prior to enrollment. See individual course descriptions for math recommendations.
**Total Major Units** 19

- **1. All the major requirements.**
- **2. Additional units to meet the college graduation requirements.**

For crosswalk of new subject codes, see page 39

### PSYC 001 GENERAL PSYCHOLOGY

**3 units**

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

C-ID PSY 110

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 including the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, applied psychology, the history and origins of psychology, introductory statistical concepts, environmental and cultural factors in behavior, psychological tests and measurements, and personality theory.

### PSYC 002 EXPERIMENTAL PSYCHOPHYSIOLOGY

**4 units**

Lecture 3 units; lab 1 unit

**Prerequisite:** PSYC 001 and MATH 010

Acceptable for credit: University of California, California State University

C-ID PSY 205B

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 subdisciplines 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.

### PSYC 009 PSYCHOLOGY OF WOMEN: A MULTICULTURAL PERSPECTIVE

**3 units**

Lecture 3 units; lab 0 units

Advisory: PSYC 001

Acceptable for credit: University of California, California State University

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). Pass/No Pass Option
PSYC 012 HUMAN GROWTH & DEVELOPMENT
3 units
Lecture 3 units; lab 0 units
Advisory: PSYC 001
Acceptable for credit: University of California, California State University
C-ID PSY 180
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 will be presented and discussed.

PSYC 017 INTRODUCTION TO SOCIAL PSYCHOLOGY
3 units
Lecture 3 units; lab 0 units
Advisory: PSYC 001
Acceptable for credit: University of California, California State University
C-ID PSY 170
This course considers individual human behavior in relation to the social environment. The power of the situation, other individuals, and the social group will be examined. Emphasized topics include: aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude change, conformity, group phenomena, gender roles, cultural norms, person perception, social cognition, persuasion, understanding others, thinking about the social world, genes, culture, and gender, and helping and prosocial behavior. These topics have high applicability in the legal system, and clinical settings.

PSYC 025 INTRODUCTION TO ABNORMAL PSYCHOLOGY
3 units
Lecture 3 units; lab 0 units
Prerequisite: PSYC 001
Acceptable for credit: University of California, California State University
C-ID PSY 120
This course introduces the scientific study of psychopathology and atypical behaviors, broadly defined. Students investigate abnormal behavior from a variety of perspectives including biological, psychological, and socio-cultural approaches. An integrative survey of theory and research in abnormal behavior, and intervention and prevention strategies for psychological disorders are also introduced. Course content deals with mildly maladaptive behavioral syndromes to grossly psychotic reactions, both functional and organic. The course is of value to students majoring in any area of behavioral science and to paraprofessional trainees in such areas as law enforcement, community health and social services. Pass/No Pass Option

PSYC 030 PSYCHOLOGY OF ADDICTION AND SUBSTANCE ABUSE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is an introduction to the psychological, physiological, and social processes of addiction and how they relate to the abuse of legal and illegal substances. Pass/No Pass Option

PSYCHOLOGY OF ADDICTION AND SUBSTANCE ABUSE
3 units
Lecture 3 units; lab 0 units
Prerequisite: READ 961 or Qualifying assessment score
Acceptable for credit: California State University
This course is designed to prepare students for college-level reading and offers opportunities to develop critical reading and thinking skills. Pass/No Pass Option

READ 053 CRITICAL AND EFFICIENT READING
3 units
Lecture 3 units; lab 0 units
Prerequisite: READ 961 or qualifying assessment score or LRSV 942
Acceptable for credit: California State University
This course offers the opportunity to develop and apply critical reading and thinking necessary for college-level text and to increase reading efficiency and enjoyment of recreational reading. Primary emphasis is on critical reading, logical reasoning, reflective judgment, and problem-solving skills that contribute to the ability to analyze, evaluate, and interpret college-level text and to advocate ideas. Satisfactory completion of this course can meet the West Valley College Reading Proficiency graduation requirement.

READ 960 READING FUNDAMENTALS
3 units
Lecture 3 units; lab 0 units
This course is designed to improve vocabulary and reading comprehension to prepare students to function at the college preparatory level. Pass/No Pass Option

READ 961 EFFECTIVE READING
3 units
Lecture 3 units; lab 0 units
Prerequisite: READ 960 or Qualifying assessment score
This course is designed to prepare students for college-level reading and offers opportunities to improve comprehension, vocabulary, and study skills. Pass/No Pass Option

Real Estate
(See Business Administration/Real Estate)

Russian
(See World Languages)
Social Justice Studies

THE FACULTY
Leigh Burrill
Rebecca Cisneros-Diaz
Dulce Gray
Julie Maia

ASSOCIATE IN ARTS IN SOCIAL JUSTICE STUDIES FOR TRANSFER DEGREE (A.A.-T in Social Justice Studies)
The Associate in Arts in Social Justice 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 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, or English. Students completing the Associate in Arts in Social Justice Studies for Transfer degree (AA-T) will be able to, from various disciplinary perspectives, recognize, analyze, research, promote awareness and write about:

a. Intersecting systems of oppression; the dynamics of power and privilege; prejudice and discrimination;

b. Theories and practices of social change; resistance and empowerment; movements and activism;

c. Specific manifestations of oppression such as ableism, classism, ethnocentrism, heterosexism, racism, sexism; the systems, dynamics, and interpersonal as well as institutional power structures that keep these oppressions in place;

d. 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;

e. Theories and research on socialization and acculturation that inform identity and group affiliations, in various historical eras and global communities;

f. Social justice strategies such as dialogue across differences, alliances, building, collaboration, and/or advocacy.

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, heterosexism, 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:

- 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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses: 9 units

SOC 020 Sociology of Race and Ethnicity 3

Select one course from the following:

WGS 001 Introduction to Women’s Studies 4
WGS 003 Introduction to Gender Studies 3
SOC 028 Sociology of Gender 3

Any required core course from above not already used or one of the following:

ART 007 The Art of Asia 3
ART 001J Survey of Non-Western Art: Africa, Oceania, and Indigenous North Americas 3
WGS 001 Introduction to Women’s Studies 4
ENGL 012 African-American Literature 3
ENGL 018 Asian American Literature 3
HIST 005B World History from 1500 3
HUMAN 001B Human Values in and from the Arts 3
PHIL 001 Introduction to Philosophy 3
PSYCH 001 General Psychology 3
SOC 001 Introduction to Sociology 3
FRNCH 001A Beginning French 5
JPNS 001A Beginning Japanese 5

† PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
- ADVISORY is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
## Social Science

**DIVISION CHAIRS** Janis Kea & Nichola Gutierrez  
**PHONE** 408-741-2538 or x2557  
**EMAIL** janis.kea@westvalley.edu, nichola.gutierrez@westvalley.edu  
**COUNSELING** 408-741-2009

**SOCIAL SCIENCE: Transfer:**  
See assist.org and/or consult with a counselor.

## Sociology

**THE FACULTY**  
Jennifer Ho  
Tom DeDen

**DIVISION CHAIR** Janis Kea & Nichola Gutierrez  
**DEPARTMENT CHAIR** Tom DeDen  
**PHONE** 408-741-2543  
**EMAIL** tom.deden@westvalley.edu  
**COUNSELING** 408-741-2009

**SOCILOGY: Transfer:**  
See assist.org and/or consult with a counselor.  
For information on Associate in Arts for Transfer or Associate in Science for Transfer degrees, please go to westvalley.edu/catalog.

## ASSOCIATE IN ARTS IN SOCIOLOGY FOR TRANSFER DEGREE (A.A.-T in Sociology)

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 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 other perspectives within the social sciences, and contrast the merits and limitations of various social science research methodologies with emphasis on the role of sampling and surveys in sociological research.

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.
- obtaining a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

### Required Core Courses: 3 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 001</td>
<td>Introduction to Sociology</td>
</tr>
</tbody>
</table>

### List A Required: 7 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 002</td>
<td>Social Problems</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics</td>
</tr>
</tbody>
</table>

### List B Any two of the following courses: 6 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 040</td>
<td>Marriage and Family Sociology</td>
</tr>
<tr>
<td>SOC 020</td>
<td>Sociology of Race and Ethnicity</td>
</tr>
<tr>
<td>SOC 003</td>
<td>Social Psychology: A Sociological Approach</td>
</tr>
</tbody>
</table>

### List C Any 1 of the following courses or any course not used above: 3 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 045</td>
<td>Sociology of Human Sexuality</td>
</tr>
</tbody>
</table>
SOCI 001 INTRODUCTION TO SOCIOLOGY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID SOCI 110
This course is an introduction to the field of sociology as a scientific discipline; emphasizes on global studies, cross-cultural analysis, and American cultural diversity in terms of cultural heritage & 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 (and related "isms"); examination of human societies from various sociological perspectives; analysis of the relationship between personality development and the sociocultural environment; the comparative presentation of social institutions and possible influences on behavior. Pass/No Pass Option

SOCI 002 SOCIAL PROBLEMS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID SOCI 115
This sociology course empirically identifies and analyzes contemporary social problems, with emphasis on the role of power and ideology in the definition of social problems, specific problem causes and consequences, evaluations of proposed solutions and methods of intervention. A fairly comprehensive overview is attempted with topical emphasis varying with the salience of specific current events, policy debates, and emerging social trends. Pass/No Pass Option

SOCI 003 SOCIAL PSYCHOLOGY: A SOCIOLOGICAL PERSPECTIVE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID PSY 170
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.

SOCI 020 SOCIOLOGY OF RACE AND ETHNICITY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID SOCI 150
This sociology course analyzes race, ethnicity, and racism empirically -- addressing global dynamics, cross-cultural comparisons, and U.S. minorities. The course focuses on social interaction patterns and social structures -- including economic, political, educational, religious and other cultural institutions -- that support or challenge racism, stratification, and inequality across the U.S. and the globe. It assesses efforts to promote racial harmony. Satisfies 3-unit Intercultural Studies requirement. Pass/No Pass Option

SOCI 028 SOCIOLOGY OF GENDER
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID SOCI 140
The course pursues sociological analyses of the social construction of masculinity and femininity historically and cross-culturally. It examines the debates on sex and gender. It analyzes the impact of economic and political change on gender expectations and practices. It focuses on macro-analyses of how institutions shape gender and micro-analyses of how individuals are socialized and how they "do" and practice gender. Pass/No Pass Option

SOCI 040 MARRIAGE AND FAMILY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID SOCI 130
Empirical sociological analysis of family, marriage, dating, and mate selection. Historical changes will be compared with the more recent trends in family form, problems, size, and sociological functions. Emphasizes will include interrelationships of family and other social institutions, gender roles, gays and lesbians, members of multiply disadvantaged minorities, other forms of inequality and discrimination, global/cross-cultural perspectives, and science literacy.
SOCI 045 SOCIOLOGY OF HUMAN SEXUALITY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID PSY 130
Introduction to Human Sexuality This course is an introductory overview of the field of human sexuality. The course will examine the interplay of the sociological/socio-cultural perspective with psychological, biological, historical, technological, and other factors in human sexuality. Students will be encouraged to become aware of their own sexual attitudes, values, and behaviors and to evaluate the consistency of their behaviors within their own moral frameworks, and in the context of larger groups, society, and the world. Current sex norms, trends and various aspects of interpersonal and individual sexual adjustment will be explored as they relate to larger social structures, institutions and processes. Empirical investigation and evidence will be emphasized and evaluated. Particular focus will be placed on global/cross-cultural/comparative analyses.

Spanish
(See World Languages)

Speech Communication
(See Communication Studies)
THEATRE ARTS: Transfer:
See assist.org and/or consult with a counselor.

ASSOCIATE IN ARTS IN THEATRE ARTS FOR TRANSFER DEGREE (A.A.-T in Theatre Arts)
The Associate in Arts in Theatre Arts for Transfer degree (AA-T in Theatre Arts) 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 Theatre Arts or Drama. Students who complete this program will be able to apply film and theatre terminology and language; analyze literature; identify production components; distinguish film and theatre styles and historical periods; demonstrate collaboration and team-building skills; creatively solve problems; demonstrate communication skills; and earn a grade of C or better in all courses required for the major or area of emphasis.

Students must complete the following requirements:
- 60 semester or 90 quarter CSU-transferable units
- the California State University-Generally 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 better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEAR 010 Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 040A Beginning Acting</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 070 Mainstage Production Workshop</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 021C Rehearsal and Performance (Technical)</td>
<td>3</td>
</tr>
</tbody>
</table>

List A: Select three:

| THEAR 041A Intermediate Acting | 3 |
| THEAR 002A Introduction to Theatrical Design | 3 |

List B: Select 1 unit

| THEAR 021A Rehearsal and Performance (Technical) | 1 |

List C: Select 3 units

| THEAR 001 Introduction to Media Arts | 3 |
| THEAR 009A Writing for Film and Television | 3 |
| THEAR 007AB Acting for Film and Television | 3 |
| THEAR 020 Studio Theatre Workshop | 3 |
| THEAR 021AB Rehearsal and Performance (Technical) | 2 |
| THEAR 021C Rehearsal and Performance (Technical) | 3 |
| THEAR 022B Rehearsal and Performance | 2 |
| THEAR 022C Rehearsal and Performance | 2 |
| THEAR 023A Stage Movement | 2 |
| THEAR 041B Intermediate Acting | 3 |
| THEAR 044A Makeup for Stage & Screen | 3 |
| THEAR 070 Mainstage Production Workshop | 3 |
| MUSIC 032A Beginning Voice: Classical Music | 1 |
| MUSIC 032B Beginning Voice: Folk Music | 1 |
| PE 3.01 Afro-Jazz Dance | 1 |
| PE 3.02 Ballet - Beginning | 1 |
| PE 3.12 Jazz Dance-Beginning | 1 |
| PE 3.15 Modern Dance-Beginning | 1 |
| PE 3.23 Tap Dance-Beginning | 1 |
| PE 7.07 Fencing-Beginning | 1 |
| PE 11.01 Yoga for Health | 1 |

Other Recommended Courses:

THEAR 003A Confidence/Self Esteem Building 3
THEAR 004 Digital Editing-Narrative film 3
THEAR 005A Introduction to Filmmaking 3
THEAR 005B Introduction to Filmmaking 3
THEAR 018B Lighting Design 3
THEAR 019A Movie Magic: Contemporary Special Effects 3
ART 004 Art Appreciation 3
ENGL 048 Intro to Shakespeare 3
MUSIC 033A Intermediate Voice 1
MUSIC 033B Fundamentals of Singing 1

Total Degree Units: 60
THEATRE ARTS: STAGE TECHNOLOGY
A.A. Degree

After completing an A.A. degree in Stage Technology, a student will be able to:

- Apply film and theatre terminology and language;
- Analyze literature;
- Identify production components;
- Demonstrate mechanical production skills;
- Demonstrate collaboration and team-building skills;
- Creatively solve problems;
- Demonstrate communication skills;
- Create and demonstrate informed and personal artistic choices in coursework and productions.

Required Core Courses: 18 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEAR 021A Introduction to Theatrical Design</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 010 Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 018A Introduction to Stage Lighting</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 040A Beginning Acting</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 045B Stagecraft</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 047A Fundamentals of Costume Design</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Courses: List A: 3 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEAR 021B Rehearsal and Performance (Technical)</td>
<td>1 (AND)</td>
</tr>
<tr>
<td>THEAR 021C Rehearsal and Performance (Technical)</td>
<td>2 (OR ONLY)</td>
</tr>
</tbody>
</table>

Elective Courses: List B: 6 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEAR 006A Writing for Film and Television</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 007A Acting for Film and Television</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 008A Studio Performance</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 020 Studio Theatre Workshop</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 022A Rehearsal and Performance</td>
<td>1</td>
</tr>
<tr>
<td>THEAR 022B Rehearsal and Performance</td>
<td>2</td>
</tr>
<tr>
<td>THEAR 022C Rehearsal and Performance</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 030 Playwriting</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 040B Beginning Acting</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 047B Costumes: Stage/Screen</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 070 Mainstage Production Workshop</td>
<td>3</td>
</tr>
</tbody>
</table>

Other Recommended Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEAR 144B Survey of Film</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 15 Film Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 19A Movie Magic: Contemporary Special Effects</td>
<td>3</td>
</tr>
<tr>
<td>THEAR 044A Makeup for Stage &amp; Screen</td>
<td>2</td>
</tr>
<tr>
<td>Art 004 Art Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>ID 015 Interior Architectural Drafting</td>
<td>3</td>
</tr>
<tr>
<td>ID 035A History of Furniture and Interiors</td>
<td>3</td>
</tr>
<tr>
<td>ID 020 Color Theory and Application</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Units: 25

Additional units to meet the college graduation requirements.

For crosswalk of new subject codes, see page 39

Recommended Preparations in Basic Skills:

Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
THEA 011A SCRIPT ANALYSIS: CLASSICAL
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 114
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, the course fully explores an in-depth methodology of reading, analyzing and understanding the play scripts intended for production. Pass/No Pass Option

THEA 011B SCRIPT ANALYSIS: MODERN REALISM
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 114
This course is a survey of world dramatic literature from 1860 to the present with an emphasis on realism and naturalism and an examination of these plays 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, the course fully explores an in-depth methodology of reading, analyzing and understanding the play scripts intended for production. Pass/No Pass Option

THEA 011C SCRIPT ANALYSIS: CONTEMPORARY/ABSURDIST
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 114
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 from each of the major dramatic periods within this frame, and through consideration of theatrical conventions and aesthetic influences, the course fully explores an in-depth methodology of reading, analyzing and understanding the play scripts intended for production. Pass/No Pass Option

THEA 012 SURVEY OF MUSICAL THEATRE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
Survey of Musical Theatre is an introductory film course in which primary focus is placed on the stylistic distinctions of the musical and the contribution of individual composers, lyricists, choreographers, directors and designers to the genre of musical theatre. Students study the genre’s social and cultural significance as a separate and distinctive art form. Pass/No Pass Option

THEA 014A SURVEY OF FILM
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

THEA 014B SURVEY OF FILM
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

- PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
- ADVISORY is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
THEA 014C SURVEY OF FILM  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
Survey of film is an introductory film course in which primary focus is placed on the cinematic development of gangster and detective films. Critical analysis from an audience perspective includes readings, lectures, and discussions covering genre conventions, history, evolution, terminology, and technique. Pass/No Pass Option

THEA 015 FILM APPRECIATION  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
This course is intended as a critical analysis of the film media from an audience perspective. Elements of film production from cinematic structure, style and historical perspective are explored. Included in the course are readings, lectures, and discussions on the theory and practice of filmmaking with an emphasis on producers, directors, actors and critics.

THEA 018A INTRODUCTION TO STAGE LIGHTING  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
C-ID THTR 173  
This is an introductory course in the theory, methods and application of stage lighting. The course involves the study of different approaches to light design, the study of 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.

THEA 019A MOVIE MAGIC: CONTEMPORARY SPECIAL EFFECTS  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
The students in this course study specific film effects, such as sound, blue screening, animation, morphing, and computer digital effects. This course also traces the way in which early filmic techniques have inspired the creation of special effects by today's filmmakers and screenwriters. This course is West Valley College Degree and GE applicable under Area C. Humanities. Pass/No Pass Option

THEA 020A STUDIO THEATER PRODUCTION WORKSHOP: AMERICAN REPRESENTATIONAL  
3 units  
Lecture 0 units; lab 3 units  
Acceptable for credit: University of California, California State University  
This course provides the analysis and dramatization of acting techniques necessary for performance of the Representational American Theater (1960-present). Students have the opportunity to participate in rehearsal and regularly scheduled performances of plays and musical performances. 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.

THEA 020B STUDIO THEATER PRODUCTION WORKSHOP: MODERN/CONTEMPORARY  
3 units  
Lecture 0 units; lab 3 units  
Acceptable for credit: University of California, California State University  
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 participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.

THEA 020C STUDIO THEATER PRODUCTION WORKSHOP: CLASSICAL GREEK & EUROPEAN THEATER  
3 units  
Lecture 0 units; lab 3 units  
Acceptable for credit: University of California, California State University  
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 participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.

THEA 022A REHEARSAL AND PERFORMANCE (TECHNICAL)  
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
This entry-level course gives students the 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.

THEA 022B REHEARSAL AND PERFORMANCE  
2 units  
Lecture 0 units; lab 2 units  
Acceptable for credit: University of California, California State University  
This intermediate-level course gives students expanded opportunity to gain practical experience in the application of production responsibilities. The following areas of stage production are included in the course: stage management, house management, construction, scenery, properties, lighting, sound, and running crews.

THEA 022C STUDIO THEATER PRODUCTION WORKSHOP: MUSICAL AND CHILDREN'S THEATER  
3 units  
Lecture 0 units; lab 3 units  
Acceptable for credit: University of California, California State University  
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 small, studio style theater. Blocking choices and vocal projection are key elements for study in the course. Students participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.
### THEA 022C REHEARSAL AND PERFORMANCE
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: University of California, California State University
This advanced course gives students expanded opportunity to gain practical experience in the application of production responsibilities in costume, construction, and make-up application. Emphasis is placed on advanced design procedures such as the use of computer assisted design and air brush techniques for make-up application.

### THEA 026A IMPROVISATIONAL THEATRE WORKSHOP
3 units
Lecture 3 units; lab 0 units
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. Pass/No Pass Option

### THEA 027 SELECTED TOPICS FOR THE ACTOR
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course offers instruction and practical experience in a variety of specialized areas within actor training. Two or more of the following subjects will be covered: audition skills, makeup technique, improvisation, musical comedy, theatre movement, stage combat, period style, stage diction and dialect, scene study, acting for television, and professional theatre practices. Pass/No Pass Option

### THEA 033A STAGE MOVEMENT
3 units
Lecture 3 units; lab 0 units
This movement course is like an acting course in motion, a playground for rediscovering uninhibited, child-like freedom that stimulates students' imaginations, and opens them up to a pervasive sense of playfulness in their work. Through group exercises and devised assignments, students 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.

### THEA 033B STAGE COMBAT
3 units
Lecture 3 units; lab 0 units
This course offers 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 develop a personal command and understanding of their body in relation to theatrical physical conflict. Students learn 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.

### THEA 035A VOICE PRODUCTION AND ARTICULATION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course offers instruction in the study of vocal development. It is designed to develop, strengthen, and free the voice of the student. The main goals of this course are to introduce a practical approach to vocal freedom and exploration, develop individual actor's warm-up, and serve as an introduction to the International Phonetic Alphabet and dialect work.

### THEA 040A ACTING ONE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course focuses on the externals an actor uses to create a role. There is continued training in acting skills introduced in THEAR 040A with detailed script and character analysis. The course also introduces auditioning and improvisational skills. Pass/No Pass Option

### THEA 040B ACTING TWO
3 units
Lecture 3 units; lab 0 units
Prerequisite: THEA 040A
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

### THEA 040C ACTING THREE
3 units
Lecture 3 units; lab 0 units
Prerequisite: THEA 040B
Acceptable for credit: University of California, California State University
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. Pass/No Pass Option

### THEA 040D MAKEUP FOR STAGE AND SCREEN
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 175
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. Pass/No Pass Option

### THEA 045B STAGECRAFT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 171
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.

### THEA 047A FUNDAMENTALS OF COSTUME DESIGN
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 174
This course serves as 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 costing.

### THEA 070A MAINSTAGE THEATER PRODUCTION WORKSHOP: AMERICAN REPRESENTATIONAL
3 units
Lecture 0 units; lab 3 units
Acceptable for Credit: University of California, California State University
C-ID THTR 191
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 participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.

### THEA 070B MAINSTAGE THEATER PRODUCTION WORKSHOP: MODERN & CONTEMPORARY
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: University of California, California State University
C-ID THTR 191
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 participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.
THEA 070C MAINSTAGE THEATER PRODUCTION WORKSHOP: CLASSICAL GREEK AND EUROPEAN THEATER
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: University of California, California State University
C-ID THTR 191
This course provides the analysis and dramatization of acting techniques necessary for 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 participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.

THEA 070D MAINSTAGE THEATER PRODUCTION WORKSHOP: MUSICAL AND CHILDREN’S THEATER
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: California State University
C-ID THTR 191
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 participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.

Tutoring
SUCCESS CENTER
COORDINATOR Jennifer Wagner
PHONE 408-741-2615
EMAIL jennifer.wagner@westvalley.edu
LSRV 110 Supervised Tutoring, LS 110E Supervised Tutoring - English, LS 110M Supervised Tutoring - Math see Non-Credit Courses.

ISTU 040 TUTOR TRAINING
0.5 units
Lecture 0.5 units; lab 0 units
Acceptable for credit: California State University
This course is designed to train peer tutors to support other students in maximizing their learning potential. This course is also suitable for any student whether or not he/she intends to become a tutor. Topics include communication skills, tutoring techniques, study skills, learning styles, test taking skills, problem solving skills, and student support services. Skills covered in this course are applicable to academic and personal success in settings other than peer tutoring. Pass/No Pass Only

ISTU 040E TUTOR TRAINING-ENGLISH
1 unit
Lecture 1 unit; lab 0 units
Prerequisite: ENGL 001A and READ 053
This course is designed to train students to be peer writing tutors. However, skills covered in this course are also applicable to academic and personal success in settings other than peer tutoring. Topics include communication skills, tutoring techniques, the writing process, study skills, learning styles, essay exam strategies, problem solving skills, and student support services. Students who enroll in this course are eligible to apply to be hired as peer writing tutors; however, course enrollment or completion does not guarantee employment. Pass/No Pass Only

Unmanned Aircraft Technology
(See Aviation)
Women and Gender Studies

THE FACULTY
Leigh Burrill, English
Rebecca Cisneros-Diaz, English
Mae Conroy, Child Studies
Dulce Gray, English
Ann Malmuth-Orn, Dance
Maryanne Mills, Library Services
Michelle Reed, Psychology
Cynthia Reiss, Art History

DIVISION Language Arts
DIVISION CHAIR
Leigh Burrill
PHONES
408-741-4054
EMAIL leigh.burrill@westvalley.edu
COUNSELING
408-741-2009

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

WOMEN AND GENDER STUDIES
(A.A. Degree)

Women and Gender Studies 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 and Gender Studies is dynamic and constantly evolving. Drawing on concepts from Global Feminist Studies and Queer Theory, WGS courses challenge 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. In WGS core courses, students study the historical changes forged by the Suffrage, Civil Rights, Gay Liberation, and Labor movements, while they 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. The A.A. degree in Women and Gender Studies prepares students to contribute to dialogue on issues of fairness and justice locally, nationally, and globally. The WGS AA helps students prepare for careers in professional fields such as 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; and for transfer to universities offering students opportunities to engage in advanced scholarship in the vibrant, expanding field of Feminist, Women, Gender, and Queer Studies. Prerequisites for the Women and Gender Studies A.A. degree: none. Recommended preparation: completion of English 1A.

After completing this degree in Women and Gender Studies, a student will be able to:

1. 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.
2. Describe gender and sexuality as existing on a continuum rather than as static identities, using historical, psychological, sociological, and semantical language analysis as evidence.
3. Analyze cultural attitudes about sexuality using intersectional, feminist, and historical perspectives.
4. Analyze and critique the social construction of sexuality and gender categories such as lesbian, gay, straight, bisexual, trans, and queer.
5. 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.
6. Analyze and critique gender images in literature, visual and performing arts, media, and popular culture.
7. Examine women’s access to political, social, and economic power throughout history and across cultures.
8. 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: 10 units

Course Units
WGS 001 Introduction to Women’s Studies 4
WGS 003 Introduction to Gender Studies 3
WGS 002 Women in the Arts: Multicultural Perspectives 3
WGS 004A Women in World Cultures from Prehistory to 1500 CE 3

Complete at least 9 units from the following:

ART 014 Women in Art History 3
BIO 055 Biology of Sex 3
H.ED 010 Human Sexuality 3
PSYCH 009 Psychology Women: A Multicultural Lecture 3
WGS 004A Women in World Cultures from Prehistory to 1500 CE 3
WGS 002 Women in the Arts: Multicultural Perspectives 3
ANTHR 003 Introduction to Cultural Anthropology 3
ANTHR 003H Honors Introduction to Cultural Anthropology 3
PSYCH 001 General Psychology 3
SOC 002 Social Problems 3
ENGL 001B English Composition 3
ENGL 041 Literature and Film 3
ENGL 043 Classical Mythology 3
ENGL 043H Honors Classical Mythology 3
ENGL 046 Contemporary American Multicultural Literature 3
ENGL 046H Honors Contemporary American Multicultural Literature 3
ENGL 049 Modern Fiction 3
ENGL 049H Honors Modern Fiction 3
ENGL 001A English Composition 3
ENGL 001C Critical Thinking and Writing 3
ENGL 001CH Honors Critical Thinking and Writing 3
CHS 005 Diversity: Childhood and Culture 3
SOC 028 Sociology of Gender 3

Complete courses identified in the Schedule of Classes as having a Women’s Studies, Gender Studies, and/or Queer Studies focus. Students should consult with the Chair of WGS to determine which courses qualify in a given semester.

Total Major Units 19

To be awarded an A.A. Degree, a student must complete:
1. All the major requirements
2. Additional units to meet the college graduation requirement.

For crosswalk of new subject codes, see page 39

WGSQ 001 INTRODUCTION TO WOMEN’S STUDIES 4 units
Lecture 4 units; lab 0 units
Acceptable for credit: University of California, California State University

This course introduces students to the study of women and gender. Through an overview of the waves of women’s rights movements in U.S. history, students examine debates about women’s roles in society. With this grounding in a variety of feminist discourses, students explore contemporary women’s rights issues in both local and global contexts. Topics include: the social construction of gender, race, class, sexuality, 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. Pass/No Pass Option.

WGSQ 002 WOMEN IN THE ARTS: MULTICULTURAL PERSPECTIVES 3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

This course introduces students to the study of women’s creative work in literature, the visual arts, and the performing arts. 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. Men and women are equally welcome in this course. Pass/No Pass Option.

WGSQ 003 INTRODUCTION TO GENDER STUDIES 3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

This course introduces concepts and research in the fields of Gender, Sexualities, and Queer Studies. Students have the opportunity to study gender roles—cultural rules and expectations about the behavior of men, women, gender queer, and intersex individuals—from a variety of societies and historical periods. The course presents cross-cultural and historical perspectives on a continuum of gender identities and sexualities comprising lesbian, gay, bisexual, transsexual/transgender, queer, intersex, and heterosexual orientations. Students have the opportunity to analyze legal and social issues that affect contemporary lesbian, gay, bisexual, transgender, queer, intersex, and transsexual communities. Pass/No Pass Option.
WGQS 004A WOMEN IN WORLD CULTURES FROM PREHISTORY TO 1500 CE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course introduces women's contributions to cultures around the world from prehistory to 1500 CE. Focusing on women's work in the arts, literature, music, dance, theater, and the visual arts, the course highlights societies and eras in which women's 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. Pass/No Pass Option

ARTS 014 WOMEN IN ART HISTORY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. This course focuses on women both as the subjects and the creators of art. It is organized chronologically and thematically. This involves a historical survey of women artists and their artistic contributions, as well as an examination of the religious, mythological and secular images of women in art. Extensive attention is given to the creation, modification and persistence of these images throughout history, due to various social, economical, psychological and intellectual conditions. Pass/No Pass Option

CHST 005 DIVERSITY: CHILDHOOD AND CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID ECE 230
This course examines the development of social identities in diverse societies including theoretical and practical implications affecting young children, families, programs, teaching, education and schooling. Culturally relevant and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society are covered. This course also involves self-reflection of one's own understanding of educational principles in integrating anti-goals in order to better inform teaching practices and/or program development. Pass/No Pass Option

PSYC 009 PSYCHOLOGY OF WOMEN: A MULTICULTURAL PERSPECTIVE
3 units
Lecture 3 units; lab 0 units
Advisory: PSYC 001
Acceptable for credit: University of California, California State University
The course introduces the student to the gender-role development of women in terms of the bio-social and cultural factors involved in intellectual and personal-emotional functions. Examination of psychological research and theory will focus on multicultural factors; that is, gender as it relates to race, class, culture and ethnicity in United States society. This course will satisfy the 3-unit Cultural Diversity requirement for an Associate degree. Pass/No Pass Option

Courses Offered with a Women's Studies Focus
To make knowledge of new scholarship on women available to students, many departments have developed special emphasis sections of general education courses. Listed along with the traditional sections in the Schedule of Classes, these Women's Studies sections will have a special notation calling attention to their unique approach. Students will learn fundamental principles as they gain knowledge about gender, race, and class—issues that are often ignored in traditionally taught courses. Students should read the Schedule of Classes carefully to ensure that they enroll in the section appropriate for their interest.
During 2017-2018, courses offered with a Women's Studies focus may include the following:

COUNS 024 Personal Growth: Gender Studies Emphasis
ENGL 001A English Composition: Women's Studies Emphasis
ENGL 001B English Composition: Literature by Women of Color
ENGL 001C Clear Thinking in Writing: Gender Studies Emphasis
ENGL 041 Literature and Film
ENGL 043 Classical Mythology
ENGL 043H Honors Classical Mythology
ENGL 046 Contemporary Multicultural Literature: Women's Studies Emphasis
ENGL 046H Honors Contemporary Multicultural Literature: Women's Studies Emphasis
ENGL 049 Modern Fiction
ENGL 049H Honors Modern Fiction
For general descriptions of these courses, see the specific department listings in this catalog.

Social Justice Studies AA-T
(See Social Justice Studies)

WGQS 004A WOMEN IN WORLD CULTURES FROM PREHISTORY TO 1500 CE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course introduces women's contributions to cultures around the world from prehistory to 1500 CE. Focusing on women's work in the arts, literature, music, dance, theater, and the visual arts, the course highlights societies and eras in which women's 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. Pass/No Pass Option

ARTS 014 WOMEN IN ART HISTORY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
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. This course focuses on women both as the subjects and the creators of art. It is organized chronologically and thematically. This involves a historical survey of women artists and their artistic contributions, as well as an examination of the religious, mythological and secular images of women in art. Extensive attention is given to the creation, modification and persistence of these images throughout history, due to various social, economical, psychological and intellectual conditions. Pass/No Pass Option

CHST 005 DIVERSITY: CHILDHOOD AND CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID ECE 230
This course examines the development of social identities in diverse societies including theoretical and practical implications affecting young children, families, programs, teaching, education and schooling. Culturally relevant and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society are covered. This course also involves self-reflection of one's own understanding of educational principles in integrating anti-goals in order to better inform teaching practices and/or program development. Pass/No Pass Option

PSYC 009 PSYCHOLOGY OF WOMEN: A MULTICULTURAL PERSPECTIVE
3 units
Lecture 3 units; lab 0 units
Advisory: PSYC 001
Acceptable for credit: University of California, California State University
The course introduces the student to the gender-role development of women in terms of the bio-social and cultural factors involved in intellectual and personal-emotional functions. Examination of psychological research and theory will focus on multicultural factors; that is, gender as it relates to race, class, culture and ethnicity in United States society. This course will satisfy the 3-unit Cultural Diversity requirement for an Associate degree. Pass/No Pass Option

Courses Offered with a Women's Studies Focus
To make knowledge of new scholarship on women available to students, many departments have developed special emphasis sections of general education courses. Listed along with the traditional sections in the Schedule of Classes, these Women's Studies sections will have a special notation calling attention to their unique approach. Students will learn fundamental principles as they gain knowledge about gender, race, and class—issues that are often ignored in traditionally taught courses. Students should read the Schedule of Classes carefully to ensure that they enroll in the section appropriate for their interest.
During 2017-2018, courses offered with a Women's Studies focus may include the following:

COUNS 024 Personal Growth: Gender Studies Emphasis
ENGL 001A English Composition: Women's Studies Emphasis
ENGL 001B English Composition: Literature by Women of Color
ENGL 001C Clear Thinking in Writing: Gender Studies Emphasis
ENGL 041 Literature and Film
ENGL 043 Classical Mythology
ENGL 043H Honors Classical Mythology
ENGL 046 Contemporary Multicultural Literature: Women's Studies Emphasis
ENGL 046H Honors Contemporary Multicultural Literature: Women's Studies Emphasis
ENGL 049 Modern Fiction
ENGL 049H Honors Modern Fiction
For general descriptions of these courses, see the specific department listings in this catalog.

Social Justice Studies AA-T
(See Social Justice Studies)
Work 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 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. Work Experience Education units satisfy a portion of the requirements for a 2-year degree and are transferable to most of the state colleges.

Determination of the units is based on the following schedule of hours.

<table>
<thead>
<tr>
<th>Units</th>
<th>TOTAL HOURS</th>
<th>AVERAGE HOURS PER WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>150</td>
<td>10 - 14</td>
</tr>
<tr>
<td>3</td>
<td>225</td>
<td>15 - 19</td>
</tr>
<tr>
<td>4</td>
<td>300</td>
<td>20+</td>
</tr>
</tbody>
</table>

If a student is working in a nonpaid position the student needs to only work 80% of the required hours.

- General work experience, on the other hand, does not have to be related to the students’ education goals but is supervised employment that helps the student acquire “desirable work habits, attitudes and career awareness.”
- The college offers the following General Work Experience Education courses:
  - WRKX 302G
  - WRKX 303G

**Work Experience Course repetition**

- General Work Experience courses are not repeatable
- The following Occupational Work Experience Education courses are repeatable:
  - WRKX 302
  - WRKX 303
  - WRKX 304
  - CTRP 044
  - FDAT 084
  - PAPA 029B

**Course Enrollment Limits**

- Students may not enroll in more than a total of 16 units of work experience which includes both general and occupational work experience courses combined.

**WRKX 302-304 OCCUPATIONAL WORK EXPERIENCE EDUCATION**

2 - 4 units

**Course Enrollment Limits**

- Work Experience Units: 2 - 4

**Acceptable for credit:** California State University

These courses involve 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. No more than sixteen (16) units that are directly related to occupational work experience, whether from one department or from multiple departments, may be counted toward the associate degree. No more than sixteen (16) units of occupational work experience, whether from one department or from multiple departments, may be counted toward the associate degree.

**WRKX 302G, 303G GENERAL WORK EXPERIENCE EDUCATION**

2 - 3 units

**Work Experience Units:** 2 - 3

**Acceptable for credit:** California State University

These courses involve the supervised employment of students in positions which will develop the student’s general job skills, vocational awareness and understanding of the requirements for successful employment. The program will assist the student in developing a foundation for future career choice and exploration. Units of credit are awarded on the basis of number of hours of employment per week and the successful completion of learning objectives. General Work Experience courses can be taken for a total of 16 units. No more than sixteen (16) units of general work experience may be counted toward the associate degree.

**WRKX 302, 303, 304 OCCUPATIONAL WORK EXPERIENCE EDUCATION**

2 - 4 units

**Course Enrollment Limits**

- Work Experience Units: 2 - 4

**Acceptable for credit:** California State University

These courses involve 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. No more than sixteen (16) units that are directly related to occupational work experience, whether from one department or from multiple departments, may be counted toward the associate degree. No more than sixteen (16) units of occupational work experience, whether from one department or from multiple departments, may be counted toward the associate degree.

---

**World Languages**

**THE FACULTY**

Anna Brichko - French
Sylvia Castellini-Patel - Italian, Spanish

**DIVISION**

Language Arts

**DIVISION CHAIR**

Leigh Burrill

**DEPARTMENT CHAIR**

Anna Brichko

**PHONE**

408-741-2489

**EMAIL**

anna.brichko@westvalley.edu

**COUNSELING**

408-741-2009

See Specific courses: Arabic, Chinese, French, German, Italian, Japanese, Latin, Portuguese, Russian and Spanish

**Degrees:**

A.A., French
A.A., Spanish
A.A.-T, Spanish

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

**American Sign Language**

**ASLA 060A AMERICAN SIGN LANGUAGE (AMESLAN)**

3 units

**Lecture:** 3 units; **lab 0 units**

**Acceptable for credit:** University of California, California State University

A course in manual communication emphasizing the vocabulary and syntax; finger spelling and introduction to American Sign Language (AMESLAN) to equip the student to communicate with the deaf on a conversational level. Some stress placed on the educational, social, psychological, and economic problems of deafness. Pass/No Pass Option

**ASLA 060B AMERICAN SIGN LANGUAGE (AMESLAN)**

3 units

**Lecture:** 3 units; **lab 0 units**

**Prerequisite:** ASLA 060A

**Acceptable for credit:** University of California, California State University

A course in manual communication emphasizing the vocabulary and syntax; finger spelling and introduction to American Sign Language (AMESLAN) to equip the student to communicate with the deaf on a conversational level. Some stress placed on the educational, social, psychological, and economic problems of deafness. Pass/No Pass Option
required core courses: 20 units

Course | Units
-------|------
FRNCH 001A Beginning French | 5
FRNCH 001B Beginning French | 5
FRNCH 002A Intermediate French | 5
FRNCH 002B Intermediate French | 5
FRNCH 003A Adv French Oral and Written Composition | 5
FRNCH 003B Advanced French Oral & Written Composition | 5
FRNCH 050A BASIC FRENCH CONVERSATION AND CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course is a continuation of French 050A. Students will increase their vocabulary and knowledge of basic grammatical structures while emphasizing conversation. The culture of France will be presented through newspaper and magazine articles as well as a variety of audiovisual materials.

FRNCH 050B BASIC FRENCH CONVERSATION & CULTURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: FRNCH 050A or demonstrated subject proficiency
Acceptable for credit: California State University
This course is a continuation of French 050A. Students will increase their vocabulary and knowledge of basic grammatical structures while emphasizing conversation. The culture of France will be presented through newspaper and magazine articles as well as a variety of audiovisual materials.

FRNCH 051A INTERMEDIATE FRENCH CONVERSATION AND CULTURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: FRNCH 050B or demonstrated subject proficiency
Acceptable for credit: California State University
This course is a continuation of French 050A. Students will increase their vocabulary and knowledge of basic grammatical structures while emphasizing conversation. The culture of France will be presented through newspaper and magazine articles as well as a variety of audiovisual materials.

FRNCH 051B INTERMEDIATE FRENCH CONVERSATION AND CULTURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: FRNCH 051A
Acceptable for credit: California State University
This course is a continuation of French 051A. Conversation will be emphasized, along with vocabulary acquisition and idiomatic expression. The course will include cultural topics and a review of basic grammar principles. Discussion topics will be chosen from current newspaper and magazine articles.

FRNCH 062 AN INTRODUCTION TO THE CULTURE OF FRANCE
2 units
Lecture 2 units; lab 0 units
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 will be of interest 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 culture.

German

GERM 001A BEGINNING GERMAN
5 units
Lecture 5 units; lab 0 units
Corequisite: GERM 011A
Acceptable for credit: University of California, California State University
This course develops 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 (understanding, speaking, reading and writing) and the understanding of German-speaking cultures. Pass/No Pass Option

GERM 001B BEGINNING GERMAN
5 units
Lecture 5 units; lab 0 units
Prerequisite: GERM 001A or its equivalent
Corequisite: GERM 011B
Acceptable for credit: University of California, California State University
This course develops 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 (understanding, speaking, reading and writing) and the understanding of German-speaking cultures. Readings from simple prose and poetry are introduced. Pass/No Pass Option

GERM 002A INTERMEDIATE GERMAN
5 units
Lecture 5 units; lab 0 units
Prerequisite: GERM 001B or three years of high school German
Acceptable for credit: University of California, California State University
Review of grammar, discussion of grammatical features beyond the elementary level. Intensive oral and written drills in idiomatic construction. Composition and conversation and readings from prose and poetry.

GERM 002B INTERMEDIATE GERMAN
5 units
Lecture 5 units; lab 0 units
Prerequisite: GERM 002A or four years of high school German or demonstrated equivalent knowledge
Acceptable for credit: University of California, California State University
This course may also be taken independently by students who are not enrolled in a foreign language course. Pass/No Pass Option

Italian

ITAL 001A BEGINNING ITALIAN
5 units
Lecture 5 units; lab 0 units
Corequisite: ITAL 011A
Acceptable for credit: University of California, California State University
This course develops the fundamentals of the Italian language within a cultural context. This is a proficiency-based course that emphasizes the acquisition and development of communicative skills (understanding, speaking, reading and writing) and the understanding of Italian culture. Pass/No Pass Option
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
Latin

LATN 050A LATIN-GRAMMAR, STRUCTURE AND ROMAN CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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 learning grammar, vocabulary, reading, and translating original passages in Latin classical literature.

Russian

RUSS 001A BEGINNING RUSSIAN
5 units
Lecture 5 units; lab 0 units
Corequisite: RUSS 011A
Acceptable for credit: University of California, California State University
This course develops the fundamentals of the Russian language within a cultural context. This is a proficiency-based course that emphasizes the acquisition and development of communicative skills (understanding, speaking, reading, and writing) and the understanding of Russian culture. Pass/No Pass Option

RUSS 001B BEGINNING RUSSIAN
5 units
Lecture 5 units; lab 0 units
Corequisite: RUSS 011B
Prerequisite: RUSS 001A or its equivalent
Acceptable for credit: University of California, California State University
This course is a continuation of oral and written practice in the essentials of pronunciation, grammar and syntax as presented in Russian 1A. Readings from prose is required. Pass/No Pass Option

JPNS 011A JAPANESE LABORATORY
0.5 unit
Lecture 0 units; lab 0.5 units
Acceptable for credit: California State University
Japanese 011A is designed to give students an opportunity to improve and reinforce their language skills. It reviews Japanese culture using language computer programs, and through a variety of technology, media, Internet research and films. The course is a requirement for students enrolled in JPNS 001A, and is designed to further enhance class material. JPNS 011A may also be taken independently by students who are not enrolled in a foreign language course. Pass/No Pass Option

JPNS 011B JAPANESE LABORATORY
0.5 unit
Lecture 0 units; lab 0.5 units
Acceptable for credit: California State University
Japanese 011B is designed to give students an opportunity to improve and reinforce their language skills. It reviews Japanese culture using language computer programs, and through a variety of technology, media, Internet research and films. The course is a requirement for students enrolled in JPNS 001B, and is designed to further enhance class material. JPNS 011B may also be taken independently by students who are not enrolled in a foreign language course. Pass/No Pass Option

JPNS 050A BASIC JAPANESE CONVERSATION & CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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 will permit the student to use the language while studying it. Cultural topics will center on everyday life in Japan today (food, customs and traditions, the family, etc.). A variety of audiovisual aids will be used. This course may also appeal to the growing number of people conducting business with foreign countries, and it will enhance the employment skills of students.

JPNS 050B BASIC JAPANESE CONVERSATION & CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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 will permit the student to actively use the language while studying it. Cultural topics will center on everyday life in Japan today (food, customs and traditions, the family, etc.). A variety of audiovisual aids will be used in the presentation of this course business with foreign countries, and it will enhance the employment skills of the students.

PORTG 001B BEGINNING BRAZILIAN PORTUGESE
5 units
Lecture 5 units; lab 0 units
Corequisite PRTG 011A
Acceptable for credit: University of California, California State University
In this course, the student will continue to develop his/her listening, speaking, reading and writing skills, and increase his/her vocabulary and knowledge of grammar. Emphasis is placed on self-expression and communication on topics of interest.

RUSS 011A RUSSIAN LABORATORY
0.5 unit
Lecture 0 units; lab 0.5 units
Acceptable for credit: California State University
This laboratory course is designed to give students an opportunity to improve and reinforce their language skills. It reviews the cultures of the Russian-speaking countries through a variety of technologies, media, Internet research, documentaries, films. This course is a requirement for students enrolled in Russian 011A, and is designed to further enhance the class material. Russian 011A may also be taken independently by students who are not enrolled in a foreign language course. Pass/No Pass Option

RUSS 011B RUSSIAN LABORATORY
0.5 unit
Lecture 0 units; lab 0.5 units
Acceptable for credit: California State University
This laboratory course is designed to give students an opportunity to improve and reinforce their language skills. It reviews the cultures of the Russian-speaking countries through a variety of technologies, media, Internet research, documentaries, films. This course is a requirement for students enrolled in Russian 011B, and is designed to further enhance the class material. Russian 011B may also be taken independently by students who are not enrolled in a foreign language course. It may be repeated twice for credit. Pass/No Pass Option

PRTG 001A BEGINNING BRAZILIAN PORTUGESE
5 units
Lecture 5 units; lab 0 units
Corequisite PRTG 011A
Acceptable for credit: University of California, California State University
This course is a continuation of oral and written practice in the essentials of pronunciation, grammar and syntax as presented in PRTG 001B. The student will practice and increase his/her fluency of the skills learned in PRTG 001A.

PRTG 011A BRAZILIAN PORTUGESE LAB
0.5 units
Lecture 0 units; lab 0.5 units
Corequisite: PRTG 001A
Acceptable for credit: California State University
In this course the student will practice the language skills and expand his/her fluency of skills learned in PRTG 001A.

PRTG 011B BRAZILIAN PORTUGESE LAB
0.5 Unit
Lecture 0 units; lab 0.5 units
Corequisite: PRTG 001B
Acceptable for credit: California State University
This is a course designed to accompany the PRTG 001B course. It is a continuation of PORTG 011A, although PORTG 011A is not a prerequisite. In this course the student will practice and increase his/her fluency of the skills learned in PORTG 001B. The student will practice the language skills and expand his/her knowledge of the Brazilian culture in the language lab with the aid of language skill building technology.

PRTG 001B BEGINNING BRAZILIAN PORTUGESE
5 units
Lecture 5 units; lab 0 units
Corequisite: RUSS 011B
Prerequisite: RUSS 001A or its equivalent
Acceptable for credit: University of California, California State University
This course is a continuation of oral and written practice in the essentials of pronunciation, grammar and syntax as presented in Russian 1A. Readings from prose is required. Pass/No Pass Option
Spanish

ASSOCIATE IN ARTS IN SPANISH FOR TRANSFER DEGREE (A.A.-T in Spanish)

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 who complete the Associate in Arts in Spanish for Transfer degree (AA-T in Spanish) will be able to communicate at the respective level on common daily topics; respond with written and spoken expressions of the target language according to the level of study; speak and convey information with accuracy and pronunciation acceptable to native-speakers of the language; explain aspects of diverse cultural and global awareness; and customize the mode of communication appropriate to the specific audience.

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.
- obtaining a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

Students are not required to complete the information competency requirements, PE requirements or cultural diversity requirements found in other degrees at the College.

Required Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 001A Beginning Spanish</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 001B Beginning Spanish</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 002A Intermediate Spanish</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 002B Intermediate Spanish</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 003A Adv Spanish Oral and Written Composition</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 003B Advanced Spanish Oral and Written</td>
<td>5</td>
</tr>
</tbody>
</table>

Total Major Units: 20

To be awarded an A.A. Degree, a student must complete:

1. All major requirements
2. Additional units to meet the college graduation requirements

For crosswalk of new subject codes, see page 39

SPAN 001A BEGINNING SPANISH

5 units

Lecture 5 units; lab 0 units

Corequisite: SPAN 011A

Acceptable for credit: University of California, California State University

C-ID SPAN 100

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 is exposed to various aspects of the culture of the Spanish-speaking world. Pass/No Pass Option

SPAN 001B BEGINNING SPANISH

5 units

Lecture 5 units; lab 0 units

Corequisite: SPAN 011B

Prerequisite: SPAN 001A or its equivalent

Acceptable for credit: University of California, California State University

C-ID SPAN 110

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.

Pass/No Pass Option

SPAN 002A INTERMEDIATE SPANISH

5 units

Lecture 5 units; lab 0 units

Prerequisite: SPAN 001B or its equivalent

Acceptable for credit: University of California, California State University

C-ID SPAN 200

SPAN 002A is a continuation of SPAN 001B. Students have the opportunity to continue to develop and expand proficiency in four areas Spanish language skills: speaking, listening, reading and writing, through a review of grammar, vocabulary-building exercises, culturally relevant dialogues, discussions, readings, viewing and analyzing authentic films. Pass/No Pass Option
SPAN 011B SPANISH LABORATORY
0.5 unit
Lecture 0 units; lab 0.5 units
Acceptable for credit: California State University
This is a laboratory course in which students work at their own pace. It is designed to give students an opportunity to improve and reinforce their language skills. It reviews the cultures of the Spanish-speaking countries using language computer programs, and through a variety of technologies, media, internet research, and films. The course is a requirement for students enrolled in SPAN 001B, and is designed to further enhance class material. SPAN 011B may also be taken independently by students who are not enrolled in a foreign language course. Pass/No Pass Option

SPAN 050A BASIC SPANISH CONVERSATION & CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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 will permit the student to use the language while studying it. Cultural topics will center on everyday life in Spanish-speaking countries today (food, customs and traditions, the family, etc.). A variety of audiovisual aids will be used in the presentation of this course.

SPAN 050B BASIC SPANISH CONVERSATION AND CULTURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: SPAN 050A or demonstrate subject proficiency
Acceptable for credit: California State University
This course is a continuation of Spanish 50A. Students will increase their vocabulary and knowledge of basic grammatical structures while emphasizing conversation. The cultures of Spanish-speaking countries will be presented through newspaper and magazine articles as well as a variety of audiovisual materials.

SPAN 051A INTERMEDIATE SPANISH CONVERSATION AND CULTURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: SPAN 050B or demonstrate subject proficiency
Acceptable for credit: California State University
Students will enhance their ability to express themselves orally in Spanish. They will review basic grammar, learn new vocabulary, and participate in a variety of activities which will allow them to use their Spanish while furthering their knowledge of the customs and culture of Spanish-speaking countries.

SPAN 051B INTERMEDIATE SPANISH CONVERSATION AND CULTURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: SPAN 051A or demonstrated subject proficiency
Acceptable for credit: California State University
This course is a continuation of Span 051A. Conversation will be emphasized, along with vocabulary acquisition and idiomatic expression. The course will include cultural topics and a review of basic grammar principles, as well as the finer points of Spanish grammar. Discussion topics will be chosen from current newspaper and magazine articles.

SPAN 070A SPANISH FOR MEDICAL PROFESSIONALS - BEGINNERS
2 units
Lecture 2 units; lab 0 units
Advisory: SPAN 001A or understanding of basic Spanish
This course is intended for students interested in working in the medical field utilizing the Spanish language. This course provides students 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 Hispanic community such as Hispanics and AIDS, home remedies, and cultural differences in emergency response request. Pass/No Pass Option

SPAN 070B SPANISH FOR MEDICAL PROFESSIONALS - INTERMEDIATE
2 units
Lecture 2 units; lab 0 units
Prerequisite: SPAN 070A
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 are exposed to 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 Hispanic community include childhood hunger, the role of midwives, and drug abuse among Latinos. Pass/No Pass Option

Zoology
PRINCIPLES OF ZOOLOGY
(See Biology)
**NCAD 110A BASIC LIFE SKILLS**
0 units
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 improve their cultural adaptation to the new cultural environment.

**NCAD 110B INTERMEDIATE LIFE SKILLS**
0 units
This course provides instruction in low intermediate cross-cultural skills for immigrants and their families. 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 further improve their cultural adaptation to the new cultural environment.

**NCAD 114 CITIZENSHIP**
0 units
This is an intermediate level class designed to help resident aliens prepare for their citizenship exam. Students practice how to write simple sentences, review and learn to answer questions published by the USCIS, fill out the N400 Application form, and learn US history, civics and the U.S. Constitution.

**NCAD 122 POSITIVE PARENTING**
0 units
This course is designed to help interested persons develop parenting skills. The course examines the critical stages of child and adolescent development and offers positive suggestions to aid each parent in helping his or her child's growth. Also recognized are the diverse present-day family styles such as one-parent, step, blended, two-parent and families with working parents. The individual parenting concerns of each person attending are also addressed.

**NCAD 124 PARENTING CHILDREN WITH SPECIAL NEEDS**
0 units
This course is designed to help parents caring for children with special needs including Attention Deficit Hyperactivity Disorder (ADHD); learning disabilities; emotional disorders—including anxiety and depression; and physiological childhood illnesses and disabilities. Other topics include parenting foster and adoptive children, and children in the care of relatives.

**NCAD 126 SINGLE PARENTING**
0 units
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.

**NCAD 140 FORUM ON LOCAL AND GLOBAL TOPICS**
0 units
This non-credit course expands the students' knowledge of economic, social, governmental, historic, 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.

**NCAD 145 OLDER ADULT ART**
0 units
This non-credit course expands the student's knowledge of art and crafts while they explore artistic expression and its place in our culture as well as other cultures. It provides an opportunity for practical application, using diverse media and techniques in the production of art and crafts items for personal use and gifts.

**NCWA 160 WATER TREATMENT 1**
0 units
This course covers water resources, water quality, unit operations of water treatment, public health requirements, and the basics of water chemistry and aquatic microbiology. It prepares students for the Water Treatment Operator's Certificate examinations (T1) given by the State of California's Water Resources Control Board.

**NCWA 165 WATER DISTRIBUTION 1**
0 units
This course in drinking water distribution is designed as an introduction to basic distribution mathematics, system operation and piping. It also covers safety and utilities management, supply sources and water quality. The course prepares students to take the California State Water Resources Control Board Distribution level 1 exam.

**NCCR 001 STENOGRAPHIC SKILLBUILDING LEVEL 1: THEORY BASIC**
0 units
Students have the opportunity to enhance and apply their understanding of theory concepts and improve their stenographic machine writing skills through supervised practice in preparation for speed-building courses leading to employment in court reporting and related fields.

**NCCR 002 STENOGRAPHIC SKILLBUILDING LEVEL 2: 80-140 WPM**
0 units
Students have the opportunity to learn and apply speed-building techniques through highly-structured instructor-facilitated stenographic machine writing practice tailored to individual skill level. Effective application of deliberate practice components including motivation, pre-existing knowledge, immediate informative feedback, and repetition for skill reinforcement and improvement development is examined. Skills acquired will facilitate efficiency in administrative assistant/secretarial, data entry, and related fields.

**NCCR 003 STENOGRAPHIC SKILLBUILDING LEVEL 3: 160-220 WPM**
0 units
Students have the opportunity to learn and apply speed-building techniques through highly-structured instructor-facilitated stenographic machine writing practice tailored to individual skill level within the 160-220 word per minute range. Identification and resolution of writing limitations, including the creation and application of specific tasks to correct deficiences, will be examined and applied. Overcoming speed plateaus using “deep practice,” “block practice,” and “random practice” techniques will be discussed and applied. Skills acquired will facilitate efficiency in administrative assistant/secretarial, data entry, and related fields.

**NCMA 101 ESSENTIAL MATH FOR BASIC SKILLS STUDENTS - WHOLE NUMBER OPERATIONS**
0 units
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.

**NCMA 102 ESSENTIAL MATH FOR BASIC SKILLS STUDENTS - FRACTIONS**
0 units
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.

**NCMA 103 ESSENTIAL MATH FOR BASIC SKILLS STUDENTS – DECIMALS AND RATIO**
0 units
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.

**NCMA 104 ESSENTIAL MATH FOR BASIC SKILLS STUDENTS - PERCENTS & SIGEHT NUMBERS**
0 units
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.
NCMA 105 ESSENTIAL MATH FOR BASIC
SKILLS STUDENTS – UNIT ANALYSIS &
GEOMETRY
0 units
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, includ-
ing length, area, volume, weight, temperature,
and time. This course emphasizes how to use
the topics in applications.

NCMA 106 ESSENTIAL MATH FOR BASIC
SKILLS STUDENTS - PRE-ALGEBRA PART 1
0 units
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, develop-
ment of the concept of a variable, properties of
algebraic expressions, and an introduction to
linear equations.

NCMA 107 ESSENTIAL MATH FOR BASIC
SKILLS STUDENTS - PRE-ALGEBRA PART 2
0 units
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 opportu-
nity 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.

NCMA 900 PREPARATION FOR THE
MATHEMATICS PLACEMENT TEST
0 units
This course is designed to prepare students for
the mathematics placement test. Students have
the opportunity to retrain and enhance their
mathematical skills, learn test taking strategies,
and understand the importance of the placement
test so they have a better chance of increasing
their placement score.

NCMU 150 OLDER ADULT JAZZ ENSEMBLE
0 units
This non-credit course offers the older adult
student the opportunity to explore jazz music
and ensemble performance and its place in our
culture as well as other cultures. It provides
an opportunity for practical application, using
diverse media and techniques in the production
of musical performances.

NCMU 151 OLDER ADULT MUSIC HISTORY
0 units
This non-credit course explores musical historical
topics while they explore artistic expression and
its place in our culture as well as other cultures. It
provides an opportunity for practical application,
using diverse media and techniques in the under-
standing of music through the ages.

NCMU 152 ORCHESTRA FOR OLDER
ADULTS
0 units
This non-credit course offers the older adult
student the opportunity to explore classical
orchestral music and ensemble performance and
its place in our culture as well as other cultures. It
provides an opportunity for practical applica-
tion, using diverse media and techniques in the
production of musical performances.

NCMU 153 CHOIR FOR OLDER ADULTS
0 units
This non-credit course offers the older adult
student the opportunity to explore classical
choral music and ensemble performance and its
place in our culture as well as other cultures. It
provides an opportunity for practical applica-
tion, using diverse media and techniques in the
production of musical performances.

NCPE 1.30 ADAPTED FITNESS
0 units
This adapted fitness course is designed for
students with disabilities. Individualized exercise
programs are created that focus on overall
cardiovascular endurance, strength and flexibil-
ity training. The programs address the limitations
of the individual’s disability. Emphasis is on
encouraging independence through the teaching
of lifelong fitness skills.

NCPE 1.31 ADAPTED AEROBIC EXERCISE
0 units
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 indepen-
dence through the teaching of lifelong cardiovas-
cular endurance.

NCPE 1.32 ADAPTED CORE STRETCHING
0 units
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, breath-
ing techniques, and relaxation are addressed to
encourage independence and develop lifelong
fitness skills.

NCPE 1.33 ADAPTED AQUATICS
0 units
This adapted non-credit physical educa-
tion 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.

NCPE 1.34 ADAPTED WEIGHT TRAINING
0 units
This non-credit adapted weight training course is
designed for students with disabilities. Individual-
ized exercise programs are created that focus on
basic weight training and strength development
principles. The programs address the limita-
tions of the individual’s disability. Emphasis is on
encouraging independence through the teaching
of lifelong fitness skills.

NCPE 1.35 ADAPTED FUNCTIONAL
FITNESS
0 units
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, flex-
ibility, 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.

NCPE 1.36 ADAPTED WATER MOVEMENT
0 units
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 pro-
grams and water safety are included. Emphasis is
on encouraging independence through the teaching
of lifelong fitness skills.
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 colleges, 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 the 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.
• Environment- We will create systems to support high levels of achievement.
• Community- We will maintain strong relationships and partnerships.
• Organization- We will create a culture of service.

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-Alleldale 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 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.

Advancement Foundation
The Advancement Foundation was formed in 1994 to serve as a means to reach out to corporations, foundations and individuals to support a wide variety of programs and services at both Colleges which are essential in meeting the ever expanding educational needs of the communities they serve, but are not funded by government sources.

Persons wishing more information about the foundation may call (408) 741-2165.

West Valley/Mission Colleges Foundation
The West Valley/Mission Colleges Foundation was established in 1971 to administer an endowed scholarship fund provided by the Sun-sweet Growers Association. Since then it has broadened the scope of its activities to reach out to students and to the community. The four main purposes are:
• To provide scholarships and assistance to students
• To administer and manage the Olympiad of the Arts
• To support programs and services of West Valley and Mission College
• To provide liaison between the Colleges and their communities

The motto is “We Are Here to Help” whether it be a student who needs textbooks or an individual who may wish to endow a memorial scholarship. For information call (408) 741-2164.

West Valley Mission Community College District Non-Discrimination Statement
With respect to student rights and responsibilities, the West Valley Mission Community College District affirms its commitment to maintaining an environment of equal opportunity which prohibits discrimination based on sex, color, religion, age (for individuals 40 years and over), physical or mental or parental status, or sexual orientation in every aspect of its educational programs and activities, as well as its commitment to maintain an environment free from sexual harassment and intimidation.

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 Personal 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
### Fees and Tuition 2017 - 2018

<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</td>
<td>California residents</td>
<td>Full refunds for drops through 9/8/17 for a semester length class.</td>
</tr>
<tr>
<td></td>
<td>(subject to California legislative change)</td>
<td></td>
<td>Varied dates for short-term classes.</td>
</tr>
<tr>
<td>Tuition for Non-Residents</td>
<td>$234 per unit</td>
<td>All Non-California residents (in addition to enrollment fee)</td>
<td>Full refund for drops through 9/8/17 for a semester length class.</td>
</tr>
<tr>
<td></td>
<td>(in addition to enrollment fee)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>International students</td>
<td>$234 per unit</td>
<td>Visa holders from another country (in addition to enrollment fee)</td>
<td>Full refund for drops through 9/8/17 for a semester length class.</td>
</tr>
<tr>
<td></td>
<td>(in addition to enrollment fee)</td>
<td></td>
<td></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</td>
<td>Non-refundable.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>applicants only)</td>
<td></td>
</tr>
<tr>
<td>Course Fee</td>
<td>Variable</td>
<td>Certain Courses indicated in course description</td>
<td>Full refunds for drops through 9/8/17 Varied dates for short-term classes.</td>
</tr>
</tbody>
</table>

**Basic Fees**

| campus Center Use Fee                     | $15 for full and part-time students         | All students except online students who live outside Santa Clara County     | Appeal for exemptions can be made through Admissions and Records Office 9/8/17 |
| Health Services                           | $19 fall semester                           | All students                                                               | Full refund for drops through 9/8/17 Other exemptions may apply. For details, go to the web: [http://www.westvalley.edu/services/student-development/health/healthfee.html](http://www.westvalley.edu/services/student-development/health/healthfee.html) |
| Web Reg. Credit card fees                 | $3                                          | All students using web for college transactions                            | None refundable                                                        |
| Associated Student Services (ASSC) fee    | $4                                          |                                                                             | Request for refunds can be made through 9/8/17                         |
| Parking fee (Subject to change)           | $50 for fall. Permits can be ordered on-line.|                                                                             | Parking permits must be returned to the Admissions and Records Office by 9/8/17 |
|                                          | Service/convenience fee $3.25. Daily permits |                                                                             |                                                                         |
|                                          | sold in parking lot machines for $3 daily.  |                                                                             |                                                                         |
| Transcripts                              | First 2 regular transcripts free in the district. $6 for subsequent requests. $20 “Rush” within one hour; $15 within 24 hours; $5.00 for additional ones ordered at the same time as the rush. |                                                                             |                                                                         |
| Other charges:                            | Duplicate degree $10; degree/certificate cover $10 (Free at Graduation). Nelnet Student Payment Plan (optional) $20.00 |                                                                             |                                                                         |

*All fees subject to change*
West Valley-Mission Community College District

Board Policies

The following sections give pertinent Board policies related to student services, students eligibility and admissions, enrollment and registration, fees, student records, academic standards, student equity, matriculation, counseling and advising, health services, disabled students program, child care services, financial aid programs, athletics, student organizations and activities, free speech (time, place, manner), student publications, drug-free campus, student conduct policy, student discipline policy, student grievance and appeal policy, non-discrimination policy and sexual harassment policy. In some cases there are italicized notes that help clarify the policy or give a reference for finding further information on the topic in the schedule or student handbook. In general, policies will be found in the catalog and procedures will be found in the schedule of classes.

BP 5010 ADMISSIONS AND CONCURRENT ENROLLMENT

References: Education Code Sections 76000, 78001, and 76002; Labor Code Section 3077; U.S. Department of Education regulations on the Integrity of Federal Student Financial Aid Programs under Title IV of the Higher Education Act of 1965, as amended; 34 Code of Federal Regulations Section 688.16(p)

In accordance with the “open door” mission of community colleges, the District shall admit any California resident, and may admit any non-resident, who meets any of the following conditions and is capable of benefiting from the instruction offered:

Any person over the age of eighteen (18) and possessing a high school diploma or its equivalent. Other persons over the age of 18 years and who, in the judgment of the Chancellor or his or her designee, are capable of profiting from the instruction offered. Such persons shall be admitted as provisional students, and thereafter shall be required to comply with the District’s rules and regulations regarding scholastic achievement and other standards to be met by provisional or probationary students as a condition to being readmitted in any succeeding semester.

Persons who are apprentices as defined in Labor Code Section 3077.

The District shall, in its discretion, or as otherwise federally mandated, evaluate the validity of a student’s high school completion. The Chancellor shall establish procedures for evaluating the validity of a student’s high school completion.

Admission

Any student whose age or class level is equal to entering grade 11 is eligible to attend as a special part-time student for advanced scholastic or vocational courses.

Any student whose age or class level is equal to entering grade 11 is eligible to attend as a special full-time student.

Any student entering grade 11 may attend summer session.

The Chancellor shall establish procedures regarding ability to benefit and admission of high school and younger students.

Denial of Requests for Admission

If the Board denies a request for special full time or part time enrollment by a pupil who is identified as highly gifted, the Board will record its findings and the reason for denying the request in writing within sixty (60) days. The written recommen-
dation and denial shall be issued at the next regularly scheduled Board meeting that occurs at least thirty (30) days after the pupil submits the request to the District.

The Chancellor shall establish procedures regarding evaluation of requests for special full time or part time enrollment by a pupil who is identified as highly gifted.

Claims for State Apportionment for Concurrent Enrollment

Claims for state apportionment submitted by the District based on enrollment of high school pupils shall satisfy the criteria established by statute and any applicable regulations of the Board of Governors.

The Chancellor shall establish procedures regarding compliance with statutory and regulatory criteria for concurrent enrollment.

Date Adopted: January 17, 2012

BP 5015 RESIDENCE DETERMINATION

References: Education Code Sections 68040 and 76140; Title 5 Sections 54000 et seq.

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 bona fide 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 to assure that residence determinations are made in accordance with Education Code and Title 5 Regulations.

Date Adopted: January 17, 2012

BP 5020 NONRESIDENT TUITION

References: Education Code Sections 68050, 68051, 68130, 68130.5, and 76141; Title 5 Section 54045.5

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 regularly scheduled Board meeting that occurs at least thirty (30) days before the commencement of the succeeding fiscal year 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 regarding collection, waiver, and refunds of nonresident tuition.

Capital Outlay Fee

The Chancellor is authorized to implement a fee to be charged only to persons who are both citizens and residents of foreign countries. The Board finds and declares that this fee does not exceed the amount expended by the District for capital outlay in the preceding year divided by the total FTE’s of the preceding fiscal year. Students who would otherwise be charged this fee shall be exempt if they demonstrate that they are a victim of persecution or discrimination in the country of which they are a citizen and resident, or if they demonstrate economic hardship. Students shall be deemed victims of persecution or discrimination if they present evidence that they are citizens and residents of a foreign country and that they have been admitted to the United States under federal regulations permitting such persons to remain in the United States. Students shall be deemed to have demonstrated economic hardship if they present evidence that they are citizens and residents of a foreign country and that they are receiving Temporary Assistance for Needy Families Program, Supplemental Income/State Supplementary benefits, or general assistance.

Date Adopted: January 17, 2012

BP 5030 FEES

References: Education Code Sections 76300 et seq.

The Board authorizes the following fees. The Chancellor shall establish 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 college catalogs. Each student shall be charged a use fee to support the maintenance and operations of the Student Center.

Enrollment Fee (Education Code Section 76300)

Each student shall be charged a fee for enrolling in credit courses as required by law.

Student Activity Fee: This optional $4 fee supports many services, activities and student discounts provided by Associated Student Organization of West Valley College including, Books for Food, extended library hours during finals, student scholarships, college newspaper and leadership opportunities.

Campus Center Fee: Education Code section 81901(b)(3)

Authorizes community college districts to establish an annual building and operating fee, for the purpose of financing, constructing, remodeling, refurbishing, and operating a student body center. The fee is $15 for fall and spring semesters for all students attending West Valley College.

Auditing Fees (Education Code Section 76370)

Persons auditing a course shall be charged a fee of $15.00 per unit per semester.

Students enrolled in classes to receive credit for 10 or more semester credit units shall not be charged this fee to audit three or fewer units per semester.

Health Fee (Education Code Section 76355)

The Chancellor shall present to the Board for approval fees to be charged to students for student health services.

Parking Fee (Education Code Section 76360)

The Chancellor shall present to Board for approval fees for parking for students.

Instructional Materials (Education Code Section 76385; Title 5 Sections 59400 et seq.)

Students may be required to provide required instructional and other materials for a credit or non-credit course, provided such materials are of continuing value to the student outside the classroom and provided that such materials are not solely or exclusively available from the District.

Transcript Fees (Education Code Section 76223)

The District shall charge a reasonable amount for furnishing copies of any student record to a student or former student. The Chancellor is authorized to establish the fee, which shall not to exceed the actual cost of furnishing copies of any student record. No charge shall be made for furnishing up to two transcripts of students’ records, or for two verifications of various records. There shall be no charge for searching for or retrieving any student record.
The District shall charge a student who is both a citizen and a resident of a foreign country a fee to process his/her application for admission. The fee shall not exceed the lesser of 1) the actual cost of processing an application and other documentation required by the U.S. government; or 2) one hundred dollars ($100), which shall not be deducted from the tuition fee at the time of enrollment.

Date Adopted: January 17, 2012

BP 5035 WITHHOLDING OF STUDENT RECORDS
Reference: Title 5 Section 59410.
Students or former students who have been provided with written notice that they have failed to pay a proper financial obligation shall have grades, transcripts, diplomas, and registration privileges withheld.

Date Adopted: January 17, 2012

BP 5040 STUDENT RECORDS, DIRECTORY INFORMATION, AND PRIVACY
References: Education Code Sections 76200 et seq.; Title 5 Sections 54600 et seq.
The Chancellor shall assure that student records are maintained in compliance with applicable federal and state laws relating to the privacy of student records.
The Chancellor may direct the implementation of appropriate safeguards to assure that student records cannot be accessed or modified by any person not authorized to do so.

BP 5050 MATRICULATION
References: Education Code Sections 78210 et seq.; Title 5 Sections 55500 et seq.
The District and the Colleges shall provide matriculation services to students for the purpose of furthering equality of educational opportunity and academic success. The purpose of matriculation is to bring the student and the District into agreement regarding the student’s educational goal through the District’s established programs, policies, and requirements.
The Chancellor or designee shall establish procedures to assure implementation of matriculation services that comply with California Code of Regulations, Title 5, requirements and ensure that procedures are maintained and made known to all students by prominent inclusion in College publications and Web sites.

Date Adopted: January 17, 2012

BP 5052 OPEN ENROLLMENT
Reference: Title 5 Section 51006.
All courses, course sections, and classes of the District shall be open for enrollment to any person who has been admitted to West Valley or Mission Colleges. Enrollment may be subject to any priority system that has been established. Enrollment may also be limited to students meeting properly validated prerequisites and corequisites, or due to other practical considerations such as exemptions set out in statute or regulation.

The Chancellor shall assure that this policy is published in the College catalogs and schedules of classes.

Date Adopted: January 17, 2012

BP 5055 ENROLLMENT PRIORITIES
References: Title 5 Sections 51006, 58106, and 58108.
The Chancellor shall establish procedures defining enrollment priorities, limitations, and processes for student challenge, which shall comply with California Code of Regulations, Title 5.

Date Adopted: January 17, 2012

BP 5100 COUNSELING
References: Education Code Section 72620; Title 5 Section 51019.
Counseling services are an essential part of the educational mission of the District.
The Chancellor shall assure the provision of counseling services including academic, career, and personal counseling that is related to the student’s education.

Counseling shall be required for all first time students enrolled for more than six units, students enrolled provisionally, and students on academic or progress probation.

Date Adopted: January 17, 2012

BP 5120 TRANSFER CENTER
References: Education Code Sections 66744; Title 5 Section 51027.
The District incorporates as part of its mission the transfer of its students to baccalaureate level institutions. The District further recognizes that students who have historically been underrepresented in transfer to baccalaureate level institutions are a special responsibility.
The Chancellor shall assure that a transfer center plan is implemented that identifies appropriate target student populations, is designed to increase the transfer applications of underrepresented students, and complies with law and regulations.

Date Adopted: January 17, 2012
**BP 5130 FINANCIAL AID**


A program of financial aid to students will be provided, which may include, but is not limited to, scholarships, grants, loans, and work and employment programs. All financial aid programs will adhere to guidelines, procedures, and standards issued by the funding agency, and will incorporate federal, state, and other applicable regulatory requirements.

The Chancellor shall establish, publicize, and apply satisfactory academic progress standards for participants in Title IV student aid programs.

**Misrepresentation**

Consistent with the applicable federal regulations for federal financial aid, the District shall not engage in “substantial misrepresentation” of:
1) the nature of its educational program,
2) the nature of its financial charges, or
3) the employability of its graduates.

The Chancellor shall establish procedures for regularly reviewing the District’s website and other informational materials for accuracy and completeness and for training District employees and vendors providing covered services concerning the District’s educational programs, financial charges, and employment of graduates to assure compliance with this policy.

The Chancellor shall establish procedures wherein the District shall periodically monitor employees and vendors communications with prospective students and members of the public and take corrective action where needed. This policy does not create a private cause of action against the District or any of its representatives or service providers. The District and its governing Board do not waive any defenses or governmental immunities by enacting this policy.

Date Adopted: January 17, 2012

**BP 5140 DISABLED STUDENTS PROGRAMS AND SERVICES**

References: Education Code Sections 67310 and 84850; Title 5 Sections 56000 et seq.

Students with disabilities shall be assisted to participate whenever possible in the regular educational programs in the District.

The Disabled Students Programs and Services (DSPS) Program (also known as the Disability Instructional Support Center and the Disability and Educational Support Program at the college) shall be the primary provider for support programs and services that facilitate equal educational opportunities as required by federal and state laws for students with disabilities who can profit from instruction.

DSPS services shall be available to qualified students with verified disabilities that result in educational limitations. The services to be provided may include but are not limited to, reasonable academic accommodations, accessible facilities, equipment, specialized instructional programs, and academic, personal, and vocational counseling.

No student with disabilities is required to participate in the Disabled Students Programs and Services program.

Date Adopted: January 17, 2012

**BP 5150 EXTENDED OPPORTUNITY PROGRAMS AND SERVICES**

References: Education Code Sections 69640-69656; Title 5 Sections 56200 et seq.

Support services and programs that are in addition to the traditional student services programs shall be provided in order to assist students who have language, social, and economic disadvantages to succeed academically in the District.

The Extended Opportunity Programs and Services (EOPS) is established to provide services that may include, but are not limited to, outreach, recruitment, orientation, assessment, tutorial services, counseling and advising, and financial aid. The Chancellor shall assure that the EOPS Program conforms to all requirements established by the relevant law and regulations.

Date Adopted: January 17, 2012

**BP 5160 CHILD CARE SERVICES**

References: Education Code Sections 79120 et seq.

The District may provide child care services subject to applicable laws and regulations.

Date Adopted: January 17, 2012

**BP 5200 STUDENT HEALTH SERVICES**

Reference: Education Code Section 76401.

Student health services shall be provided in order to contribute to the education aims of students by promoting physical and emotional well being through health oriented programs and services.

Date Adopted: January 17, 2012

**BP 5205 STUDENT ACCIDENT INSURANCE**

Reference: Education Code Section 72506.

The District shall assure that students are covered by accident insurance in those instances required by law or contract.

Date Adopted: January 17, 2012

**BP 5210 COMMUNICABLE DISEASE**

Reference: Education Code Section 76403.

The Chancellor shall establish procedures necessary to assure cooperation with local public health officials in measures necessary for the prevention and control of communicable diseases in students.

Date Adopted: January 17, 2012

**BP 5300 STUDENT EQUITY**

References: Education Code Sections 66030, 66250 et seq., and 72010 et seq.; Title 5 Section 54220.

The Board is committed to assure student equity in educational programs and college services. The Chancellor shall establish and implement a student equity plan that meets the Title 5 standards for such a plan. The plan may be periodically reviewed at the discretion of the Board.

Date Adopted: January 17, 2012

**BP 5400 ASSOCIATED STUDENT ORGANIZATIONS**

Reference: Education Code Section 76080.

The students of the District are authorized to organize student body associations. The Board hereby recognizes the Associated Student Organizations as the Mission College Associated Student Government and the West Valley College Associated Student Organization.

The Associated Students Organizations are recognized as the official voice for the students in District and college decision-making processes. The Associated Student Organizations may conduct other activities as approved by the Chancellor. The Associated Students activities shall not conflict with the authority or responsibility of the Board or its officers or employees.

The Associated Students shall conduct themselves in accordance with state laws and regulations and administrative procedures established by the Chancellor.

The Associated Student Organizations shall be granted the use of District premises subject to such administrative procedures as may be established by the Chancellor. Such use shall not be construed as transferring ownership or control of the premises.

Date Adopted: January 17, 2012

**BP 5410 ASSOCIATED STUDENT ORGANIZATIONS’ ELECTIONS**

Reference: Education Code Section 76061.

The Associated Student Organizations shall conduct annual elections to elect officers. The elections shall be conducted in accordance with procedures established by the Chancellor.

Any student elected as an officer in the Associated Student Organizations shall meet both of the following requirements:

- The student shall be enrolled in the District at the time of election and throughout his/her term of office, with a minimum of five semester units or the equivalent.
- The student shall meet and maintain the minimum standards of scholarship (see BP 4220 titled Standards of Scholarship and related administrative procedures).

Date Adopted: January 17, 2012

**BP 5420 ASSOCIATED STUDENT ORGANIZATIONS’ FINANCE**

References: Education Code Sections 76083-76085.

Associated Student funds shall be deposited with and disbursed by the Chancellor. The funds shall be deposited, loaned, or invested in one or more of the ways authorized by law. All funds shall be expended according to procedures established by the Associated Student Organizations, subject to the approval of each of the following three persons, which shall be obtained each time before any funds may be expended:

- the Chancellor, College President, or designee; the employee who is the designated adviser of the particular student body organization; and a representative of the student body organization.

Pursuant to Education Code Section 76083, all money collected by a student body association or by any student club or organization of the College shall be deposited in an account insured by the Federal Deposit Insurance Corporation and credited to the appropriate organization. The District Administrative Services Office shall ensure that the collection and disbursement of funds are consistent with accounting and auditing procedures and with established District policies and procedures.

The funds of the Associated Student Organizations shall be subject to an annual audit.

Date Adopted: January 17, 2012

**BP 5500 STANDARDS OF CONDUCT**

References: Education Code Sections 66300 and 66301; Accreditation Standards A.7.b.

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 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.
- Unauthorized 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.
- 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.
- Lewd, 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.
- Unauthorized preparation, creating, selling, transferring, distribution, or publication, for any commercial purpose, of any contemporaneous recording of an academic presentation in a classroom or equivalent site of instruction, including but not limited to handwritten or typewritten class notes, except as permitted by any District policy or administrative procedures.

Also see BP/AP 3715 titled Intellectual Property. Date Adopted: January 17, 2012

BP 5510 OFF-CAMPUS STUDENT ORGANIZATIONS
Reference: 34 Code of Federal Regulations Section 668.46(b)(7)

The District shall work with local law enforcement agencies to monitor and assess criminal activity in which students engage off-campus locations of student organizations officially recognized by the District.

Date Adopted: January 17, 2012

BP 5570 STUDENT CREDIT CARD SOLICITATION
References: Education Code Section 99030; Title 5 Section 54000; Civil Code Section 1747.03(m)
The Chancellor shall establish procedures that regulate the solicitation of student credit cards on campus.

Date Adopted: January 17, 2012

BP 5700 ATHLETICS
References: Education Code Sections 78223, 66271.6, 66271.8, and 67360 et seq.
The District shall maintain an organized program for men and women in intercollegiate athletics. The program shall not discriminate on the basis of gender in the availability of athletic opportunities.

The District shall comply with federal and state regulations, procedures, and requirements regarding student athlete participation. The Chancellor shall assure that the athletics program complies with the Constitution and Sports Guidelines of the California Community College Commission on Athletics as well as appropriate Conference Constitution Rules regarding student athlete participation.

Date Adopted: January 17, 2012

BP 5800 PREVENTION OF IDENTITY THEFT IN STUDENT FINANCIAL TRANSACTIONS
Reference: 15 U.S. Code Section 1681(m); Fair and Accurate Credit Transactions Act (FACT Act or FACTA).

The District is required to provide for the identification, detection, and response to patterns, practices, or specific activities ("Red Flags") that could indicate identity theft of students when the District serves as a creditor in relation to its students. When applicable, the Chancellor is directed to develop procedures to implement an Identity Theft Prevention Program (ITPP) to control reasonably foreseeable risks to students from identity theft.

Date Adopted: January 17, 2012

BP 3300 PUBLIC RECORDS
References: Government Code Sections 6250 et seq.
The District is committed to open government, governance, and access for all members of the public and for all members of the District community. Public records, as defined by the Government Code, are open to inspection by the public during regular office hours of the District Offices and Colleges. The Chancellor shall establish procedures for records management, including access by the public, which comply with the requirements of the California Public Records Act.

Date Adopted: January 17, 2012

BP 3310 RECORDS RETENTION AND DESTRUCTION
References: Title 5 Sections 59020 et seq.; Federal Rules of Civil Procedure, Rules 16, 26, 33, 34, 37, 45

In accordance with the provisions set forth in the California Code of Regulations, Title 5, a records management program, covering the life cycle of all records of the District and Colleges from the time they are originated, shall be implemented in order to:
- Ensure that records which are required to be preserved or which may be useful for future reference are permanently retained and safely stored, and that those which have outlived their usefulness are destroyed, and minimize the expense related to record keeping.
- The Chancellor shall establish administrative procedures to assure the retention and destruction of all District records, including electronically stored information as defined by the Federal Rules of Civil Procedure, in compliance with Title 5. Such records shall include, but not be limited to student records, employment records, and financial records.

Date Adopted: January 17, 2012

BP 3410 NONDISCRIMINATION
References: Education Code Sections 66250 et seq., 72010 et seq., and 87100 et seq.; Title 5 Sections 53000 et seq., and 59300 et seq.; Penal Code Section 422.55; Government Code Sections 12926.1 and 12940 et seq.
The District is committed to equal opportunity in educational programs, employment, and all access to institutional programs and activities. 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, sex or gender, race, color, medical condition, ancestry, sexual orientation, marital status, physical or mental disability, 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.

The Chancellor shall establish administrative procedures that ensure all members of the college community can present complaints regarding alleged violations of this policy and have their
complaints heard in accordance with the Title 5 regulations and those of other agencies that administer state and federal laws regarding nondiscrimination. No District funds shall ever be used for membership or for any participation involving financial payment or contribution on behalf of the District or any individual employed by or associated with it, to any private organization whose membership practices are discriminatory on the basis of national origin, ancestry, religious creed, color, medical condition, ancestry, sexual orientation, marital status, physical or mental disability, or because he/she is perceived to have one or more of the foregoing characteristics, or because of his/her association with a person or group with one or more of these actual or perceived characteristics. To have available positive images provided by individuals from historically under-represented groups, and to observe that such individuals can assume responsible and diverse roles in society is educationally sound for all students attending Colleges of the District. The richness that cultural and racial diversity brings to our national heritage and the exercise of democratic principles can be best taught in the presence of a staff and student body of both genders, diverse ethnic groups, handicapped individuals, and veterans.

Date Adopted: January 17, 2012

BP 3430 PROHIBITION OF HARASSMENT

References: Education Code Sections 212.5, 44100, 66252, and 66281.5; Government Code Section 12950.1; Title VII of the Civil Rights Act of 1964, 42 U.S.C. Annotated Section 2000e; Title IX; Education Amendments of 1972

All forms of harassment are contrary to basic standards of conduct between individuals and are prohibited by state and federal law, as well as this policy, and will not be tolerated. The District is committed to providing an academic and work environment that respects the dignity of individuals and groups. The District shall be free of sexual harassment and all forms of sexual intimidation and exploitation. It shall also be free of other unlawful harassment, including that which is based on any of the following statuses: race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, or sexual orientation of any person, or because he/she is perceived to have one or more of the foregoing characteristics.

The District seeks to foster an environment in which all employees and students feel free to report incidents of harassment without fear of retaliation or reprisal. Therefore, the District also strictly prohibits retaliation against any individual for filing a complaint of harassment or for participating in a harassment investigation. Such conduct is illegal and constitutes a violation of this policy. All allegations of retaliation will be swiftly and thoroughly investigated. If the District determines that retaliation has occurred, it will take all reasonable steps within its power to stop such conduct. Individuals who engage in retaliatory conduct are subject to disciplinary action, up to and including termination or expulsion. Any student or employee who believes that he/she has been harassed or retaliated against in violation of this policy should immediately report such incidents by following the procedures described in AP 3435 titled Discrimination and Harassment Investigations. Supervisors are mandated to report to the Chancellor any incidents of harassment and retaliation that come to their attention.

This policy applies to all aspects of the academic environment, including but not limited to classroom conditions, grades, academic standing, employment opportunities, scholarships, recommendations, disciplinary actions, and participation in any community college activity. In addition, this policy applies to all terms and conditions of employment, including but not limited to hiring, placement, promotion, disciplinary action, layoff, recall, transfer, termination, discipline, training opportunities, and compensation.

To this end, the Chancellor shall ensure that the institution undertakes education and training activities to counter discrimination and to prevent, minimize, and/or eliminate any hostile environment that impairs access to educational opportunities or impacts the terms and conditions of employment. The Chancellor shall establish procedures that define harassment on campus. The Chancellor shall further establish procedures for employees, students, and other members of the campus community that provide for the investigation and resolution of complaints regarding harassment and discrimination and procedures for students to resolve complaints of harassment and discrimination. All participants are protected from retaliatory acts by the District, its employees, students, and agents.

This policy and related written procedures shall be widely published and publicized to administrators, faculty, staff, and students, particularly when they are new to the institution. They shall be available for students and employees in all administrative offices.

Employees who violate the policy and procedures may be subject to disciplinary action up to and including termination. Students who violate this policy and related procedures may be subject to disciplinary measures up to and including expulsion. Also see BP/AP 3410 titled Nondiscrimination, AP 3430 titled Prohibition of Harassment, and AP 3440 titled Discrimination and Harassment Investigations.

Date Adopted: January 17, 2012

BP 3440 SERVICE ANIMALS


In order to prevent discrimination on the basis of disability, the District will allow an individual with a disability to use a service animal or miniature horse in District facilities and on District campuses in compliance with state and federal law.

Date Adopted: January 17, 2012

BP 3500 CAMPUS SAFETY

Reference: Education Code Section 67390(a)(4)

The District shall provide a safe environment for students, employees and visitors. The District is committed to the implementation of safety and health policies and procedures involving workplace safety for employees and students. Employees and students shall be directly responsible for conducting themselves, at all times, in a manner that is consistent with current District policies.

The Board is committed to a safe and secure District work and learning environment. To that end, the Chancellor shall establish a campus safety plan and ensure that it is posted or otherwise made available to students. The campus safety plan shall include availability and location of security personnel, methods for summoning assistance of security personnel, any special safeguards that have been established, any actions taken in the preceding eighteen (18) months to increase safety, and any changes in safety procedures to be made during the next twenty-four (24) months. Consistent with the Board’s general delegation of authority and state and federal law, and subject to any reporting and ratification requirements, the Chancellor and his/her designees are specifically empowered to take all appropriate actions in emergency or urgent situations to protect the health and safety of students, staff, and persons associated with the District, to protect District facilities, and to maintain the educational program. Also see BP/AP 3505 titled Emergency Response Plan and BP/AP 6900 titled Safety – Occupation Related.

Date Adopted: January 17, 2012

BP 3550 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 information required by the Drug Free Schools and Communities Act Amendments of 1989 and complies with other 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.

Date Adopted: January 17, 2012

BP 3900 SPEECH: TIME, PLACE, AND MANNER

References: Education Code Sections 76120 and 66301

Students, employees, and members of the public shall be free to exercise their rights of free expression, subject to this policy and District procedures.

The Colleges of the District are non-public forums, except for those areas that are designated as public forums available for the exercise of expression by students, employees, and members of the public. The Chancellor shall enact such administrative procedures as are necessary to reasonably regulate the time, place, and manner of the exercise of free expression in the designated public forums.

The administrative procedures issued by the Chancellor shall not prohibit the right of students to exercise free expression, including but not limited to, the use of bulletin boards; the distribution of printed materials or petitions in those parts of the Colleges designated as areas generally available to students and the community; and the wearing of buttons, badges, or other insignia. Speech shall be prohibited that is defamatory, obscene (according to current legal standards), or which so incites others as to create a clear and present danger of the commission of unlawful...
ful acts on District property or the violation of Board policies or administrative procedures, or the substantial disruption of the orderly operation of the District.

Nothing in this policy shall prohibit the regulation of hate violence directed at students in a manner that denies their full participation in the educational process (Education Code Section 66301(e)), so long as the procedure conforms to the requirements of the First Amendment to the United States Constitution, and of Section 2 of Article 1 of the California Constitution. Students may be disciplined for harassment, threats, or intimidation unless such speech is constitutionally protected.

Date Adopted: January 17, 2012

BP 4020 PROGRAM, CURRICULUM, AND COURSE DEVELOPMENT

References: Education Code Sections 70901(b), 70902(b), and 78016; Title 5 Sections 51000, 51022, 55100, 55130, and 55150; U.S. Department of Education regulations on the Integrity of Federal Student Financial Aid Programs under Title IV of the Higher Education Act of 1965, as amended.

The programs and curricula of the District shall be of high quality, relevant to community and student needs, and evaluated regularly to ensure quality and currency. To that end, the Chancellor shall establish administrative procedures for the development and review of all curricular offerings, including their establishment, modification, or discontinuance.

Furthermore, these administrative procedures shall include: appropriate involvement of the faculty and Academic Senate in all processes; regular review and justification of programs and course descriptions; opportunities for training for persons involved in aspects of curriculum development; and consideration of job market and other related information for career and technical programs.

All new programs and program deletions shall be approved by the Board. All new programs shall be submitted to the State Chancellor’s Office for approval as required.

Individual degree-applicable credit courses offered as part of a permitted educational program shall be approved by the Board. Non-degree-applicable credit and degree-applicable courses that are not part of an existing approved program must satisfy the conditions authorized by Title 5 regulations and shall be approved by the Board.

Credit Hour

Consistent with federal regulations applicable to federal financial aid eligibility, the District shall assess and designate each of its programs as either a “credit hour” program or a “clock hour” program.

The Chancellor shall establish procedures to assure that curriculum at the District complies with the definition of “credit hour” or “clock hour,” where applicable. The Chancellor shall also establish procedures for using a clock-to-credit hour conversion formula to determine whether a credit hour program is eligible for federal financial aid. The conversion formula is used to determine whether such a credit-hour program has an appropriate minimum number of clock hours of instruction for each credit hour it claims.

Date Adopted: January 17, 2012

BP 4225 COURSE REPETITION

References: Title 5 Sections 55040, 55041, 55042, 55044, and 58161

Students may repeat a course three times with a substandard grade, including a “W,” in which substandard grades (less than a ‘C,’ and including ‘F’) were earned.

When course repetition occurs, the permanent academic record shall be annotated in such a manner that all work remains legible, insuring a true and complete academic history.

Course Repetition: Grade Alleviation

A student who has earned a grade of “D,” “F,” or “NC” in a credit course at any College in the District may repeat the course for the purpose of grade alleviation.
A student may repeat a credit course for purposes of grade alleviation only once. 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.

• Upon satisfactory completion of the repeated course, the student may petition the Admissions and Records Office to have only the grade earned in the repeated course used in the computation of the grade point average.
• In no case will the unit value of the repeated course be counted more than once.
• The permanent academic record shall be annotated in such a way that all courses attempted in which a C or better grade was earned.

A student may petition the appropriate College appeals body to authorize course repetition consistent with the California Code of Regulations.

The special circumstances are defined in administrative procedures.

Date Adopted: January 17, 2012

**BP 4226 MULTIPLE AND OVERLAPPING ENROLLMENTS**

Reference: Title 5 Section 55007

The Chancellor shall establish procedures to ensure that students may only enroll in two or more sections of the same credit course during the same term if the length of the course provides that the student is not enrolled in more than one section at any given time.

The Chancellor shall establish administrative procedures to ensure that students may only enroll in two or more courses where the meeting times overlap under the conditions specified in Title 5 Section 55007.

Date Adopted: January 17, 2012

**BP 4230 GRADING AND ACADEMIC RECORD SYMBOLS**

Reference: Title 5 Section 55023

Courses shall be graded using the grading system established by Title 5.

The grading system shall be published in the college catalog(s) and made available to students.

Date Adopted: January 17, 2012

**BP 4231 GRADE CHANGES**

References: Education Code Sections 76224 and 76223; Title 5 Section 55025

The Chancellor shall implement procedures to assure the accuracy and integrity of all grades awarded by faculty. The procedures shall include, but not necessarily be limited to, the following:

Assurance that in the absence of mistake, bad faith, fraud or incompetence, the grades awarded by faculty shall be final.

Procedures for students to challenge the correctness of a grade.

The installation of security measures to protect grade records and grade storage systems from unauthorized access.

Limitations on access to grade records and grade storage systems.

Discipline for students or staff who are found to have gained access to grade records without proper authorization or to have changed grades without proper authorization.

Notice to students, faculty, transfer institutions, accreditation agencies and law enforcement agencies if unauthorized access to grade records and grade storage systems is discovered to have occurred.

Also see BP 3310 titled Records Retention and Destruction, AP 4231 titled Grade Changes, and BP/AP 5240 titled Student Records

Date Adopted: January 17, 2012

**BP 4235 CREDIT BY EXAMINATION**

Reference: Title 5 Section 55050

Credit may be earned by students who satisfactorily pass authorized examinations.

Credit may be earned by examination provided:

The student is registered at the 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 catalog of the College;

The course has been designated as challengeable by exam by the Department Chair in consultation with appropriate members of the department faculty within each College; and the examination is approved or prepared, administered, and graded by faculty and other proper authorities of each College.

A maximum of 12 units toward an Associate degree may be earned by courses for which credit has been earned by examination.

Credits earned by examination cannot be used to satisfy the 12-unit residence requirement for the Associate degree.

The student’s academic record shall be clearly annotated to reflect that credit was earned by examination.

A student may challenge a course for credit by examination only once and the grade received on the examination will be recorded on the student’s permanent record.

The Chancellor shall establish administrative procedures to implement this policy.

Date Adopted: January 17, 2012

**BP 4240 ACADEMIC RENEWAL**

Reference: Title 5 Section 55046

Previously recorded substandard academic performance may be disregarded if it is not reflective of a student’s demonstrated ability. The Chancellor shall establish administrative procedures that provide for academic renewal.

Date Adopted: January 17, 2012

**BP 4250 PROBATION, DISQUALIFICATION, AND READMISSION**

Reference: Education Code Section 70902(b)(3); Title 5 Sections 55030-55034

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 is 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 dismissal 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 at least 10 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 dismissal 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," "IP," "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 dismissal.

Date Adopted: January 17, 2012

BP 4260 PREREQUISITES AND CO-REQUI-ITES

References: Title 5 Sections 55000 and 55003

The Chancellor is authorized to establish prerequisites, corequisites, and advisories on recommended preparation for courses in the curriculum, upon the recommendation of the Academic Senate. All such prerequisites, corequi-sites, and advisories shall be established in accordance with the standards set out in Title 5. Any prerequisites, corequisites, or advisories shall be necessary and appropriate for achieving the purpose for which they are established.

The Chancellor shall establish administrative procedures for the development and review of all prerequisites and corequisites, including their establishment, modification, or discontinuance, which rely primarily on the recommendation of the Academic Senate of each college.

The administrative procedures shall include a way in which a prerequisite or corequisite may be challenged by a student on grounds permitted by law. Prerequisites, corequisites, and advisories shall be identified in District publications available to students.

Date Adopted: January 17, 2012

BP 4300 FIELD TRIPS AND EXCURSIONS

Reference: Title 5 Section 55220

The Chancellor shall establish procedures that regulate the use of District funds for student travel and attendance at conferences and other activities that are performed as a class assignment or co-curricular activity.

The District may pay for expenses of students participating in a field trip or excursion with auxiliary; grant or categorical program funds if the funds are used consistently with the funding source. The expenses of instructors, chaperones, and other personnel traveling with students may also be paid from District funds.

Students and staff shall at all times adhere to the standards of conduct applicable to conduct on campus.

Date Adopted: January 17, 2012

Additional information about Board and College Policies can be found in the Student Orientation Handbook and at: wvm.edu/

(Check on Board of Trustees. Then click District Policies.)

REFUNDS

Dropping Classes and Refund Policies, Proce-dures, 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.

A. 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 Sched-ule of Classes and on college website.

B. 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".

C. 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.

D. 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)

Special notes:

West Valley College has partnered with Higher One, a financial services company focused solely on higher education to bring a new method for delivering financial aid refunds to students. You will be able to use the Higher One card or choose your preferred method of payment.

This is designed to provide you with choices when it comes to receiving your financial aid— including the preferred "Easy refund" method. Easy Refund is the fastest and easiest way to gain money-on the same day West Valley College releases it.

You will be sent an email to learn more about the program.

DELINQUENCY POSTINGS 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.

STATEMENT ON ACADEMIC FREEDOM

Board Policy 4030, Adopted Jan. 17, 2012
Title 5 Section 51023

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 to 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 free-dom 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 unhindered expression of scholarly findings and to ensuring the fullest student engagement with ideas.

Full text available at: westvalley.edu/wvcas/documents/freedom.html
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 withdrawing, and for filing appropriate forms in the Admissions Office.

- **Attendance**
  Students are expected to attend all sessions of each class. Instructors may drop students from the class if they fail to attend the first class meeting, or when accumulated unexcused 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 assure 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 short-term 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 plagiarizing, 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.

  a. 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.

  b. 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.

  c. 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.

  d. 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:

  a. Issue an oral or written notification and warn the student that further acts of this sort will result in additional disciplinary action.

  b. Issue a NP or a failing grade ("F") or "0" for the assignment in question.

  c. 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).
Student Disciplinary Actions and Procedures

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.
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, slingshot, billy, nunchaku, sand club, sand bag, metal knuckles, any dirk, dagger, switchblade 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. Forging, 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, 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 and/or other electronic devices 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 drugs by the person named on the prescription or possession of contraband drugs or substances by peace officers and College instructors for use as evidence or teaching aid.
9. Theft, or intentional damage to, campus property, or property in the possession of, or owned by, a member of the campus community; theft of software by copying; unauthorized entry into, unauthorized use of, or misuse of campus property or equipment; or the use of a “computer piracy” which is unauthorized entry into information which is campus property.
10. Illegal operation of a motor vehicle on the West Valley or Mission College campus.
11. Knowing possession or use of explosives, dangerous chemicals or deadly weapons on campus property or at a college function.
12. Violation of any order of the President, notice of which had been given prior to such violation and during the academic term in which the violation occurs, either by publication in the campus newspaper, or by posting on an official bulletin board designated for this purpose, and which order is not inconsistent with any of the other provisions of this Section.
13. Soliciting or assisting another to do any act which would subject a student to expulsion, suspension or probation pursuant to this Section.
14. Littering on campus property including grounds, facilities and parking lots.

15. 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. 

STUDENT DISCIPLINARY ACTIONS AND PROCEEDURES

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 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.
3. 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) 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.
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 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 student activities. Extra-curricular student 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 ten (10) days of instruction.

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.

6. Proceeding under option 5a, where a student requests a hearing before the Vice President of Student Services:

   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).

7. Proceeding under option 5b, where a student requests a hearing before the West Valley College Hearing Board:

   a. The Vice President of Student Services, or the designee, shall discuss the accusation with the student in writing. The Vice President of Student Services shall initiate an investigation and shall also be placed in the student’s permanent record. The investigation will be conducted in a timely manner. A copy of the investigation report 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.

8. Disciplinary Probation (Education Code Section 76030). 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.

Should the student violate one or more of the terms of the probation during the probationary period, the Vice President of Student Services will impose a more stringent disciplinary action such as suspension which will be set forth in writing. The Vice President of Student Services shall immediately notify the President. A record of the disciplinary action shall be placed in the student’s discipline file maintained in Office of the Vice President of Student Services, and shall also be placed in the student’s permanent record.

9. Interim/Emergency Suspension (76030). In those cases where an immediate suspension is required in order to protect lives or property, or to ensure the maintenance of order, the College President or the President’s designee may summarily suspend a student for a period not to exceed ten (10) instructional days provided that, within the ten-day period, a reasonable opportunity for a disciplinary hearing is provided to the student (California Education Code, Section 66017). Interim suspension is outlined below in the Due Process Procedures section. Records of the interim suspension shall be retained in the Vice President of Student Services Office and in the student’s permanent record. The President shall report an Interim/Emergency Suspension to the Board of Trustees at its next regular meeting.

10. 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.

   a. 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. An expulsion shall be reported to the Board of Trustees at its next regularly scheduled 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.

   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.

   e. Proceeding under Option 5b., where the student requests a hearing before the West Valley Mission College Hearing Board:
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.

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 orienting 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 the President to convene 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 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, the 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 public record; or

   7. Within ten (10) days after the Board of Trustees takes its 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 is 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 expulsion 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 on the Grievance Report Form within five (5) working days of Step 2. The form may be obtained from the Office of the Vice President of Student Services.

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 Grievance Form 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 complainant’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 Service’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
Student Procedures

Procedure for:  
Assessment Registration & Computerized Preparation:  
1. Apply to WVC and have a valid Student ID number.  
2. Go to westvalley.edu/assess to schedule an assessment. All assessments are offered on campus. Dates and times are subject to change. Students will receive an email confirmation of their registration. Space is limited.  
3. Review practice test provided at westvalley.edu/assess  
4. Day of the assessment: Arrive early to park and find testing location. Bring picture ID.  
5. No one will be admitted after start time. (ARRIVE EARLY)

Procedure for:  
Audit Information  
Students auditing a course are observers in the classroom and not enrolled. The student must have previously enrolled for credit for the maximum number of times allowed for the particular course requested for auditing. To audit a course, students:  
1. Submit an application to the college.  
2. Attend first class meeting.  
3. Obtain signed audit slip from instructor (not all courses are auditable).  
4. Bring form to Admissions Office during 3rd week of term with $15 per unit fee.  
5. High School students and F-1/I-20 students are not allowed to audit.

Procedure for:  
Concurrent Enrollment for High School Students  
1. Complete an online application. (Go to westvalley.edu, CLICK APPLY NOW.) 48 hours after completing an online application: Check your e-mail for your West Valley ID number. Add it to your paperwork. Returning high school students need to file an updated online application and a complete Concurrent Enrollment packet each semester.  
2. Review class offerings. Go to westvalley.edu and click Schedule of Classes. Classes numbered 900 above (basic skills) and PE classes are NOT available for concurrently enrolled students. Enrollment is limited to 8 units within the district.  
3. Print and complete the Concurrent Enrollment Form and Health Form. Meet with your high school counselor.  
4. Assessment tests: Check to see if your class(es) requires an assessment test. Go to westvalley.edu/assess for testing dates and times to schedule a required appointment. We offer limited assessment dates at local high schools. If testing on the West Valley campus, arrive 15 minutes early. Bring parking money ($3.00), a photo ID, and your West Valley ID number. Questions: 408.741.2035. Students will NOT be allowed to take any assessment tests without a West Valley ID number.  
5. Prerequisites: Check the Schedule of Classes to see if your class requires a prerequisite. If your class requires a prerequisite, bring a copy of your high school transcript (not report cards) or AP scores and/or college transcript to the Admissions Office or Counseling Office prior to your registration date. Write your West Valley ID number and the course you want to take on your transcripts/ copy of AP scores.  
6. Check to see if a class(es) has space: Go to westvalley.edu/wvcportal/searchsections.html no log in required.  
7. High school students that are California residents do NOT pay any enrollment fees but are responsible for any class fees (ex: lab fees), testing fees (ex: Counseling classes), textbooks and supplies. (ex: art supplies, Scantron forms, etc.)

Procedure for:  
Transferring into West Valley College  
1. Complete an application to the college indicating transfer from another college.  
2. Complete a transcript evaluation form in the counseling building. Only 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. Attach official transcripts (in a sealed envelope) and/or official AP reports to your transcript evaluation form.  
5. Once evaluation is completed, the student will receive an email notification.  
6. Student schedules 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 requirements must be approved by the West Valley College department chair and are not included in the evaluation.
DISCRIMINATION & SEXUAL HARASSMENT
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 grievances, 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 Education and Support Programs
West Valley College, Learning Services Building
14000 Fruitvale Avenue
Saratoga, CA 95070-9698
Coordinator: Cheryl Miller
(408) 741-2010

WEST VALLEY COLLEGE NON-DISCRIMINATION STATEMENT

The West Valley-Mission Community College District affirms its commitment to maintaining an environment of equal opportunity which prohibits discrimination based on sex, color, religion, age (for individuals 40 years and over), physical or mental disability, ancestry, national origin, race, creed, medical condition, marital or parental status, or sexual orientation in every aspect of its educational programs and activities, as well as its commitment to maintain an environment free from sexual harassment and intimidation.

PÓLIZA QUE PROHIBE DISCRIMINACIÓN

La Admisión al Colegio está abierta para los graduados de la Escuela de Secundaria y para las personas mayores de 18 años de edad o los que muestran evidencia que ellos pueden aprovechar de la instrucción, incluyendo aquellos que han pasado el Examen de Habilidad en la Secundaria o el Examen de Desarrollo General Educacional (GED). La prueba de elegibilidad debe ser incluida con la aplicación.

La falta de conocimiento del Lenguaje Inglés no va a ser un obstáculo para la admisión y participación en los Programas de Educación Vocacional del Colegio.

Según la Poliza y Procedimientos aprobados por el Distrito los siguientes individuos han sido nombrados como los Representantes Responsables de los agravios, quejas y preguntas acerca de:

• Acoso sexual, Título IX, e Igualdad de los sexos.
  The Associate Vice Chancellor
  West Valley College, Personnel Office
  14000 Fruitvale Avenue
  Saratoga, CA 95070-9698
  (408) 741-2060

• Si usted es estudiante buscando acomodación razonable bajo Sección 504 de la Ley para Americanos Incapacitados, ADA, diríjase a:
  West Valley College, Learning Services Building
  14000 Fruitvale Avenue
  Saratoga, CA 95070-9698
  (408) 741-2010

El distrito de los colegios West Valley y Mission afirma su dedicación para mantener un ambiente de igualdad y prohibir discriminación basada en sexo, color, religión, edad (personas que tienen 40 años o más), des capacidad física o mental, ascendencia, origen nacional, raza, credo, condición médica, estado matrimonial o de los padres, o orientación sexual en todos aspectos de sus programas educacionales y actividades, así como se dedica a mantener un ambiente libre de acoso sexual e intimidación.

Khu học chánh đại học cộng đồng West Valley và Mission xác nhận sự cam kết duy trì cơ hội bình đẳng trong mọi chương trình và sinh hoạt nghiệp Lâm cùng sự kỳ thị về phái sinh, tuổi tác, tôn giáo, tình trạng sức khỏe hoặc bất kỳ yếu tố nào khác mà không có sự sự doạ hoặc xâm lược như ở tính dục.
Grading System

a. Grades from a grading scale shall be averaged on the basis of the point equivalences 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 as provided in subsection (b):

<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>
</tbody>
</table>

P Pass (at least satisfactory, units awarded not counted in GPA)
NP No Pass (less than satisfactory, units not counted in GPA)

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.

b. The following non-evaluative symbols are authorized:

1. I - Incomplete
   (a) This symbol is to be used in cases of incomplete academic work for 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 designee of 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 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 5.6.5(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 academic 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 “IW.” This grade will default to a “IW” 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 of Regulations, Title 5, §§ 55762-3.

Inclusion/Exclusion of Units Attempted

a. 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,” “F,” “NP,” “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,” “RD,” or “IP” “I” 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.

Course Repetition

a. Course Repetition: Grade Alleviation

1. 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 purposes of grade alleviation.

2. A student may repeat a credit course for purposes of grade alleviation three times. A student may petition the appropriate College appeals body to authorize course repetition for the purpose of grade alleviation.

3. A student may request the appropriate College appeals body to authorize course repetition consistent with the California Code of Regulations, Title 5, §§ 55762-3.

b. Course Repetition: Special Circumstances

1. Under special educationally justifiable circumstances, repetition of credit courses other than those for which substandard work has been recorded may be permitted.

2. A student may petition the appropriate College appeals body to authorize course repetition consistent with the California Code of Regulations, Title 5, §§ 55762-3.


### Academic Renewal

Pursuant to The California Code of Regulations, Title 5, §55764 and §55765, a student may request that substandard academic work (D, F) be disregarded from his/her grade point average when such work does not reflect current demonstrated ability.

A student who wishes to qualify for a degree, certificate, or transfer may petition the appropriate College appeals body to disregard up to two semesters of completed work. Academic renewal does not guarantee that other colleges will accept this action. Acceptance of academic renewal is at the discretion of the receiving institution.

1. A semester is defined as all work attempted during a single academic term. The terms need not be consecutive;
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; and
4. A student may not pick and choose from among the courses in a given semester, but must declare all work for the entire semester invalid.

b. 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.

c. Determination of the applicability of this policy will be made only following formal application to the appropriate College appeals body.

d. When academic work is alleviated, the permanent record shall be properly annotated in a manner to insure that all entries are legible and that a true and complete record is maintained.

#### 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.

### Credit by Examination

a. Credit may be earned by examination (in accordance with The California Code of Regulations, Title 5 §55753), provided:

1. The student is registered at the College and is in good standing;
2. The student can demonstrate that he/she is especially qualified, through previous training or instruction, to successfully complete such examination;
3. The course for which credit is desired is listed in the catalog of the College;
4. The course has been designated as challengeable by exam by the Department Chair in consultation with appropriate members of the department faculty within each College; and
5. The examination is approved or prepared, administered, and graded by faculty and other proper authorities of each College.

b. A maximum of 12 units toward an Associate degree may be earned by courses for which credit has been earned by examination.

c. Credits earned by examination cannot be used to satisfy the 12-unit residence requirement for the Associate degree.

d. The student’s academic record shall be clearly annotated to reflect that credit was earned by examination.

e. A student may challenge a course for credit by examination only once and the grade received on the examination will be recorded on the student’s permanent record.

### Audit Policy

The Colleges of the District allow auditing of courses with the exception of courses in programs that require special presentation and/or program admissions on a limited basis. A student may audit a course only under the following circumstances:

1. The student must have previously enrolled for credit for the maximum number of times allowed for the particular course.
2. The instructor of record for the course must approve the enrollment as an auditor.
3. The student must be in good academic standing.
4. If the course is a variable unit class, the student must enroll for the maximum number of units available.
5. The student must enroll as an auditor immediately following the published late registration period and pay the auditing fee.
6. The student must complete a college application.

High school students are not allowed to audit a course. A student may enroll as an auditor the week after the late registration period is concluded because those students taking the course for credit have first priority for all classroom space. Enrollment as an auditor is a manual process and the student should obtain an “Auditing Form” from the instructor and submit to the Office of Admissions and Records. 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, with the exception of students enrolled in ten (10) or more semester units.

---

**Credit by Examination**

- **a.** Credit may be earned by examination (in accordance with the California Code of Regulations, Title 5 sections 55753), provided:
  - The student is registered at the College and is in good standing.
  - The student can demonstrate that he/she is especially qualified, through previous training or instruction, to successfully complete the examination.
  - The course for which credit is desired is listed in the catalog of the College.
  - The course has been designated as challengeable by examination by the Department Chair in consultation with appropriate members of the department faculty within each College.
  - The examination is approved or prepared, administered, and graded by faculty and other proper authorities of each College.

- **b.** A maximum of 12 units toward an Associate degree may be earned by courses for which credit has been earned by examination.

- **c.** Credits earned by examination cannot be used to satisfy the 12-unit residence requirement for the Associate degree.

- **d.** The student's academic record shall be clearly annotated to reflect that credit was earned by examination.

- **e.** A student may challenge a course for credit by examination only once and the grade received on the examination will be recorded on the student's permanent record.
**Student Services and Program Information**

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.

**ADMISSIONS & RECORDS**

(408) 741-2001  
westvalley.edu/admissions/  
The Admissions & Records Office should be your first stop at West Valley College. Our informative college staff can provide application assistance and information, residency determination, process official and unofficial transcript requests, evaluate degree and certificate requests, create student identification cards and many other services. Check out our website for more information westvalley.edu/admissions.

**Learning Outcomes**

After accessing services of Admissions and Records, a student will be able to:

- Identify what English, math, Reading and/or ESL courses they are eligible to take.

**ASSESSMENT**

(408) 741-2035  
westvalley.edu/assess/  
West Valley College uses standardized placement tests combined with multiple measures to assess students’ skill levels in English, ESL, reading, and mathematics. Assessment supports counseling courses by facilitating students’ access to and reports for the Strong Interest inventory and the Myers Briggs Type Inventory (MBTI). Assessment also clears course pre-requisites and processes course challenges.

**Learning Outcome**

Students who complete a WVC placement test will be able to:

- Identify what English, math, Reading and/or ESL courses they are eligible to take.

**ASSOCIATED STUDENT GOVERNMENT**

(408) 741-2006  
westvalley.edu/stuact/as.html  
West Valley College believes that participation in extracurricular student activities enhances and enriches the student’s education. Associated Student Government at West Valley College which annually elects its own administrative officers, student senators, and directors who are provided with practical leadership training and education in the functions of government and leadership. In addition, the Associated Student Body elects its own student trustee to the District Board of Trustees. The Student Senate is afforded a variety of opportunities to participate in various College-wide committees and task forces. All these activities serve to provide students with opportunities to participate in the shared decision and policy-making processes of the College.

**BOOKSTORE**

(408) 741-2015  
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, 20% off national campus bestsellers, Nook products, and a wide selection of beverage and snack items. We offer a rental option on many textbooks for substantial savings to our students, a year-round book buyback program in the store and easy online ordering for pick up or delivery through our website. To receive notices of our latest special offers, events and information, “Like” us on Facebook at: facebook.com/westvalleybookstore.

**Learning Outcomes**

The student worker will learn:

- Carrying transactions
- 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.

**CalWORKS PROGRAM**

(408) 741-4007  
westvalley.edu/services/academic-success/calworks/  
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  
wvm.edu/police/  
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 PROGRAMS CENTER**

(408) 741-2098  
westerlay.edu/careers/  
The Career Programs Center, located in the Clicter 102, 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  
westerlay.edu/services/childcenter/  
The Child Studies Department at West Valley College offers an early childhood program for children 2 to 6 years old. The Child Development Centers are open from 7:45 a.m. to 5:15 p.m. 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 stop by Room 50 in the Applied Arts and Sciences building.

**COUNSELING CENTER**

(408) 741-2009  
westerlay.edu/services/academic-success/counseling/  
The College maintains a Counseling Center staffed by competent, highly-trained and diversely experienced counselors, located behind Administration & Records. The primary goal of the Counseling Center is to provide opportunities for students to clarify their personal, academic, and career values and goals; develop self-confidence, self-esteem, and self-direction, to make informed decisions, and utilize resources. Additional counselors are located in support programs (DESP, ECPS, TRIO, Career Programs, and Veteran’s Center). The following comprehensive counseling services and courses are offered.

**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 information.

**Career Counseling**

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 testing, and presentation of resources speakers, special career counseling events and career decision making courses.

**Personal Counseling**

Personal counseling is provided on a limited basis 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.

**Career Development and Counseling Courses**

A variety of counseling courses cover such topics as College Survival Skills, Careers and Lifestyles, Job Search Methods, Study Skills, Cross Cultural perspectives, and a wide range of personal...
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.

Ponte, SUCCESS, Honors, Transfer, Middle College, International Students, are housed in the Counseling Center. The Counseling Center is located behind the Admissions and Records building.

DISABILITY and EDUCATIONAL SUPPORT PROGRAM (DESP)
(408) 741-2010
westvalley.edu/desp/
The primary purpose of DESP at West Valley College is to facilitate the success of students with disabilities in classes and programs. A variety of services and educational assistance classes 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 Non-credit in this catalog.

Learning Outcomes
Following the completion of the DESP orientation:

- A student will demonstrate knowledge of the next steps to enroll at West Valley College and DESP with 70% accuracy.

Support Services
Support services are provided on an individual needs basis:
- 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 personal 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.

DSPS Computer Lab
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
wvm.edu/police/
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: wvmccd.ccc.ca.us/police. “Student Right to Know” information is also available at the District Police Office.

EXTENDED OPPORTUNITY PROGRAMS & SERVICES (EOP&S) & COOPERATIVE AGENCIES RESOURCES FOR EDUCATION (CARE)
(408) 741-2023
westvalley.edu/eops/
EOP&S 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 head 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.

Services include:
- 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
westvalley.edu/financialaid/
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. 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.

How to Apply
Students must complete the Free Application for Federal Student Aid (FAFSA) online at: fafsa.ed.gov or submit a paper application to the federal processing center. There are additional documents that may be required. Be sure to respond immediately to any requests made by the financial aid office.

Learning Outcomes
Students who submit a Financial Aid Appeal will be able to:

- Understand the Satisfactory Academic Progress (SAP) policies;
- Develop an Educational Plan;
- Identify and utilize the resources and skills to improve academic progress.

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 Board of Governor’s Fee Waiver and Cal Grants. Complete application instructions and the Dream Act Application are available online at: caldreamact.org.

Board of Governor’s Fee Waiver (BOGW)
The BOGW waives enrollment fees and a portion of the parking fees. Applicants must meet eligibility criteria (e.g. household size and income levels, etc.). Visit westvalley.edu/financialaid/ to fill out a BOGW application and submit it to the financial aid office if the FAFSA has not yet been completed or you are not eligible to apply through the FAFSA form.

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.
Scholarship Program
The West Valley College Scholarship Program is administered by the Financial Aid Office, and funds are provided by West Valley College Scholarship and Development Fund (Payroll Deduction Program Donors), the West Valley/Mission Colleges Foundation, and various organizations and individual donors. The application is usually available in December through mid-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. 2014 deadline for the 2014-2015 school year)
The Financial Aid Office also maintains information on various scholarships offered and administered by outside donors and organizations. Interested applicants should contact the Financial Aid Office for more information.
Veterans Administration Educational Benefits
Veterans enrolled at the College may be eligible for educational benefits under the Veterans Administration Educational Benefits Program. These benefits include a monthly educational allowance. Most, but not all, of the courses at the College are approved for payment of VA benefits. Interested veterans and/or eligible dependents are urged to call or contact the Financial Aid Office located in the Admissions and Records Building.
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 failing 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 requirement.
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
(408) 741-2054
westvalley.edu/services/academic-success/counseling/first_year.html
The ‘First Year Experience’ (FYE) program at West Valley College is a learning community designed for students who want to succeed in their college goals and who welcome additional support and guidance. Eligibility for FYE is based on WVC placement test results. 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 and 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 transfer to a four year college or university.

FOOD SERVICES
(408) 741-2026
westvalley.edu/calendar/phone_hours/wvm_cafeteria.html
The Campus Center Cafeteria 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 and College Library.

THE GINNY ARAGON BOOK LOAN PROGRAM
(408) 741-2080
Funds are limited but available on a first come first served basis for students taking a minimum of 6 units. These funds are a loan which must be repaid. This activity is located in the Admissions and Records building.

HEALTH SERVICES
(408) 741-2027, Urgent Access Line X4000
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 treatment, contraceptive counseling, screenings for blood pressure, vision, hearing, pregnancy and tuberculosis, health assessment, education and referrals to community resources.
Services are provided by a team of health professionals including registered nurses, mental health counselors, and consulting physicians. Special programs and activities are conducted to address issues related to sexuality, substance abuse, HIV and other high risk health concerns. Telephone advice to off-campus students is available. In addition, students can get information at the following website: westvalley.edu/services/health

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.

HONORS
(408) 741-2614
westvalley.edu/services/academic-success/counseling/honors.html
The Honors Program is one of West Valley College’s premiere services that promote academic excellence and critical-thinking. The program’s primary mission is to create and maintain course enrichment by promoting intellectual and creative development. Through an interdisciplinary academic approach, the Honors Program concentrates on three course-based themes: Civilizations of the World, Science: Inquiry and Applications, and Thought and Politics. Students have the option of enrolling in one, two, or three courses per semester depending on pre- and corequisites. Counseling is also part of the Honors Program where students are provided with academic planning, personal guidance, and transfer application support.
Honors students who want to take advantage of the Transfer Alliance Agreement (TAP) Program to UCLA are required to complete general education courses, major preparation requirements, and competitive GPA to receive priority admission consideration. To qualify for the TAP Program, students must also complete six or more Honors courses (15 units) by the time they complete 60 or more transferable units.
To qualify for the Honors program, current students must earn a GPA of 3.25 or higher in at least 9 units of university transferable work at WVC. Complete English 1A with a grade of A or B, or take 1A concurrently with your first semester of Honors courses and earn an A or B. Schedule an interview with the Honors Coordinator. To qualify as a high school student, students can apply to the program with a 3.5 High School GPA.

INTERCOLLEGIATE ATHLETICS
(408) 741-2017
westvalley.edu/wvecsports/
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, track and field, baseball, softball, swimming, and volleyball. 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 OFFICE
(408) 741-2525
westvalley.edu/services/international/
The International Students Office facilitates the application process and the transition to studying in the United States. To be admitted to the college a student must achieve a minimum TOEFL score: 500 (paper based), 173 (computer based), or 61 (internet based). IELTS, ITP and Step Eiken are also accepted in lieu of TOEFL. Please contact department for cut scores. The international student advisors hold orientations at the start of the semester to acclimate the students to the American Educational system and to review and assist students in registration. International student advisors assist currently enrolled international students with such concerns as academic matters, immigration regulations, and personal concerns.

Learning Outcomes
After accessing the services provided by the International Students Office, an international student will:
• International students will understand the responsibilities for the F-1 visa;
• International students will be able to make an educational plan for 1 semester.
LIBRARY SERVICES
(408) 741-2028
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 and do research. Online databases and a library catalog are available 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, online databases, e-books, and audiovisual media. Current students may use their student ID card to borrow materials from both the West Valley College and Mission College collections as well as the many Link+ consortium libraries. Library hours are posted at the front entrance to the Library and on the Library website: westvalley.edu/library
Learning Outcomes
After completing an orientation a student will be able to:
• Gather, evaluate, organize and use information in order to successfully complete research projects.
MIDDLE COLLEGE PROGRAM
(408) 741-4643
wvc.middlecollege@westvalley.edu
The Middle College Program is a joint venture with the Campbell Union High School District and the Los Gatos – Saratoga Joint Union High School District. The program is a high school alternative for juniors and seniors from these two high school districts. It offers students with college potential the opportunity to complete their high school requirements on the West Valley campus. The Program empowers students by giving them choices and treating them as adults. Designed to provide a supportive yet challenging adult setting, the program enables students to take college level courses while completing high school graduation requirements. This new academic environment will provide students with an opportunity to stimulate their academic development and spark their quest for learning. For Information contact the Middle College Office at (408)741-2529 or wvc.middlecollege@westvalley.edu
Learning Outcomes
After completing one semester in the Middle College Program, students will be able to:
• Utilize the student portal to register, access grades and read campus notifications;
• Select appropriate college courses that will meet high school graduation requirements and GE requirements;
• Demonstrate knowledge of campus support services.
STUDENT DEVELOPMENT & CAMPUS CENTER
(408) 741-2006
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. The Campus Center serves as the hub for student engagement and the “living room” of 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.
Learning Outcomes
Student Development & 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.
OUTREACH
(408) 741-2672
westvalley.edu/or/
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 work closely 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
westvalley.edu/parkinginfo/
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/motor scooters 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 265.5) 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 $250.
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: wvm.edu/group.aspx?id=2435
PUENTE PROJECT
(408) 741-2102
westvalley.edu/la/english/puente/index.html
The Puente Project is a year-long program that prepares students to compete academically in a university environment. It emphasizes the Mexican-American/Latino experience through English writing, counseling, and mentoring components. The Puente Program integrates:
• Two-semester English 905 & 1A linked classes.
• Two semester Counseling classes.
• 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 professionals from the Mexican-American/Latino community.
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 only intended for students who are planning to transfer, are enthusiastic and committed to learning about the Mexican-American/Latino experience, and would like to become involved in extracurricular activities (meetings, trips, tours, and workshops).
SAFETY SERVICES & ASSISTANCE

(408) 741-2092

wvm.edu/police/

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 (741-2092).

SUCCESS

(408) 741.2608

SUCCESS 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 Success program, please contact Carolyn Nash at (408) 741.2608 or carolyn.nash@westvalley.edu.

The Success Program:

• Offers linked English 90S 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.
• Provides cultural events, social outings and visits to transfer institutions.

Learning Outcomes

After participation in courses and activities in the Success 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.

SUCCESS CENTER

(408) 741-2038

westvalley.edu/services/academic-success/tutorial/

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 Outcome

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.

TRANSFER CENTER

(408) 741-2040

westvalley.edu/services/transfercenter/

The Transfer and Career Center is located in the Counseling Center Building in the North Walk Portables. 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:

• Students will be able to identify appropriate 4-year colleges/universities that can help them meet their transfer goals;
• Students will be able to access and complete all steps of the admission process to 4-year.

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 Guarantee) to the University of California schools;
• 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 appointments 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.

TRIO STUDENT SUPPORT SERVICES

(408) 741-2022

westvalley.edu/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:

• Personal, career and academic counseling
• Priority registration
• Additional tutoring services
• Financial aid and Scholarship assistance
• College visits
• Workshops on transfer, career, and financial literacy

Please call (408)741-2022 for additional information and/or visit our website at westvalley.edu/trio/

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.

VETERANS RESOURCE CENTER

(408) 741-4030

The Veterans Resource Center (VRC) provides support and peer mentoring to ensure veteran students and their dependents are successful at West Valley College. Some support services are provided adjacent to the VRC, along with a monthly newsletter, events, and networking opportunities with the Vets Club. Veteran students will find additional support and guidance with our established partnership with the San Jose Vet’s Center.

Learning Outcomes

• As a result of using the Veterans Resource Center, veteran students and their dependents will be knowledgeable of and utilize two to three student support services to aid in their successful integration to West Valley College;
• Program participants will be aware of community resources that can support their educational and career success. As a result of Veterans participating in Veteran Resource Center activities veterans will be able to problem solve, develop a sense of belonging and pride for West Valley College and develop social awareness.

WORK EXPERIENCE

(408) 741-2114

westvalley.edu/careers/workexperience.html

Students can enroll in either “General” Work Experience, which will develop general job skills, vocational awareness, and understanding of successful employment, or “Occupational” Work Experience, which is directly related to the student’s field of study. Learning objectives are set up with a Faculty Advisor, and units are transferable to CSU and many private colleges.

Learning Outcomes

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.

CATALOG DISCLAIMER
All information contained in this 2017-2018 catalog is current as of 5/26/17. Although every effort has been made to assure the accuracy of all information, students and others who use this catalog should consult with a counselor for recent additions, deletions or changes.

CHANGES IN RULES AND POLICIES
The West Valley-Mission Community College District and West Valley College have made every reasonable effort to determine that everything in this catalog is accurate. Courses and programs offered, together with other matters contained herein, are subject to change without notice by the Administration of the West Valley-Mission Community College District or West Valley College for reasons related to student enrollment, level of financial support, or for any other reason, at the discretion of the District and the College. The District and College further reserve the right to add, amend, or repeal any of their rules, regulations, policies and procedures.

Cabinet

CHANDLER, ANDREW, 2016
Dean, School of Art & Design
Bachelor of Design, University of Florida, Master of Architecture, Virginia Polytechnic & State University

DAVIS, BRAD, 2012
President
B.A., Psychology, Gannon University, Erie, Pennsylvania; J.D., Syracuse University College of Law, Syracuse, New York

FENTON, J. PATRICK, 2012
Vice President, Administrative Services
B.S.C. in Accounting, Santa Clara University; M.B.A., Santa Clara University

HAY, KUNI, 2011
Vice President, Instruction
B.A., Speech and Communication, University of Hawaii, Manoa; M.A., Human Development, Boston College

HINDES, VICTORIA, 2009
Vice President, Student Services
B.A., English, California State University, Chico; M.A., English, California State University, Chico; Ed.D., International and Multicultural Education, University of San Francisco

KASHIMA, STEPHANIE 2002
Dean, Instruction
B.A., English Literature, New York University; M.A., English, University of Wisconsin

LUDWIG, SCOTT, 2000
Director, Communication & Instructional Technology
B.A., Journalism, San Francisco State University; M.A., Education Administration, Santa Clara University

POUNCIL, MATAIS, 2015
Dean, Student Services
Bachelor’s, Economics, Southern University; Master’s, Multicultural Foundations, CSU Long Beach; Ph.D., Educational Leadership & Administration; University of Calif. Irvine

VLAHOS, JOHN, 2001
Interim Athletic Director
B.S., Business Administration, Santa Clara University; M.S., Sports Leadership, Virginia Commonwealth University

WEISSBERG, BRAD, 1997
Dean, Career Education and Workforce Development
A.A., Theatre Arts, Crafton Hills College; B.A., Dramatic Literature/Theatre Arts, CSU San Bernardino; M.A., Theatre History, San Diego State University

Directors and Program Managers

CANTARERO, MARITZA, 1995
Director, Enrollment & Financial Services
Undergraduate work in Industrial Engineering Central American University (UCA) Nicaragua

CONROY, MAE, 2001
Program Director I, Student Programs
BSW Humboldt State University, MSW San Jose State University

ESMAILI, DAVID, 1998
Program Director I, Student Programs
B.A., Political Economy of Natural Resources, University of California at Berkeley

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

HAMP, HERLISA, 2011
Program Director II, Student Programs
B.A., Sociology, University of California, Davis; M.A., Counseling, San Jose State University

MARKO, JEFFREY, 2006
Program Director II, Student Programs
B.A., Psychology, Pomona College, Claremont, Calif; M.D., Medical Doctorate, University of Southern California, Los Angeles; J.D., Jurist Doctor, University of Southern California, Los Angeles

PEPIN, SEAN, 2015
Director, Student Development
A.A. in General Studies, Tacoma Community College; B.A. in Ethnic, Gender, and Labor Studies, University of Washington-Tacoma; M.A. in Higher Education and Student Affairs Leadership, Western Michigan University; Ph.D. in Higher Education, Student Affairs, and International Education Policy, University of Maryland, College Park
Faculty

AITKEN, SALLY S., 1989
Instructor Fashion Design and Apparel Technology
B.S., Design, University of California, Davis

AGUYAO, JENNIFER, 2016
Instructor, Mathematics
B.S. Mathematics, UCSD; M.S. Cal Poly SLO

ALLEN, GREGORY, 1999
Instructor in Mathematics
B.S., Mathematics, San Jose State University; M.A., Mathematics, San Jose State University

ARNOLD, KATHY, 2005
Instructor in Art
B.F.A., Phi Kappa Phi, University of Kansas, Lawrence; M.F.A., Art; Honors, University of Kansas, Lawrence, Kansas

AUFHAUSER, KIM, 1991
Instructor in Park Management
B.S., Wildlife Management, Humboldt State University; M.A., Experienced-Based Leadership Training and Program Development, Prescott College

BANGLE, ANGELICA, 1993
Counselor/Instructor Honors Program
B.S., Organizational Behavior, University of San Francisco; M.A., Counseling, San Jose State University; Ed.D., Educational Leadership and Change, Fielding Graduate University

BARTA, GAIL ANN, 1991
Instructor in English as a Second Language
B.A., French, Eastern Illinois University; Diploma Annuel, University of Paris; MATESL, University of Illinois, Champaign-Urbana

BAUTISTA, JOSE, 2004
Instructor in Psychology
B.A., Psychology, San Jose State University; M.A., Psychology, San Jose State University

BERLANI, ROBERTA, 1993
Instructor in Biology
B.S., Biology, Yale University; Ph.D., Biological Sciences, Columbia University

BOUDREAUX, PAULETTE, 1996
Instructor in English
B.A., Journalism, Northeastern University, Boston; M.F.A., English and Creative Writing, Mills College

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

BRICHTO, ANNA 2004
Instructor in French
B.A., French and German, M.A., French and German, Ph.D., Linguistics, Moscow University, Russia

BRUCKNER, 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
B.A., Child Development, San Jose State University; M.A., Counselor Education, San Jose State University

BULIT, GIGDEM, 2006
Instructor in Interior Design
B.F.A., Interior Architecture and Environmental Design, Bilkent University, Turkey; M.A., Interior Design, Iowa State University

BURRELL, 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

CAPPELLO, EMANUELE, 2017
Business Instructor/Entrepreneurial Center
B.S., Business Administration/Management Information Systems, California Polytechnic State University, San Luis Obispo; M.B.A. Marketing, Golden Gate University

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

CASTELLO, RANDY, 1996
Instructor in Accounting
B.S. and M.S., Accounting, University of Wyoming

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

CHIN, BRAD, 1999
Instructor in Mathematics
B.A., Applied Mathematics, University of California, Berkeley, Ph.D. Applied Mathematics, University of California, Berkeley

CHUY, BICKIE LEE, 2015
Counselor, EPS
B.A., Psychology, University of California, Davis; M.A., Education, Counseling, and Student Personnel Services, San Jose State University

CISTREROS-DIAZ, REBECCA, 1999
Instructor in English
B.A., English, St. Mary's College; M.A., English, University of Vermont

CLARK, PAULINE, 1987
Counselor/Instructor
B.S., Home Economics Education, Texas Technological University; M.A., Marriage, Family, and Child Counseling, Santa Clara University

CLAY, WHITNEY, 2004
Instructor in Reading
B.A., Comparative Literature, U.C. Santa Cruz; M.F.A., Film Production, Ohio University; M.A., English with a concentration in Composition, San Francisco State University

CLAY, WILLIAM, 2004
Instructor in Theatre Arts
B.A., Film & Video, Middlebury College; M.F. Film Production, Ohio University

COGNETTA, FREBA, 2012
Transfer Counselor/Articulation Officer
B.A. Sociology Cal State East Bay; M.S. Counseling with an emphasis in College and Career, San Francisco State 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

CORNEJO, 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 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, HEIDI, 1999
Instructor in Kinesiology
B.S., Animal Science, Cal Poly, San LuisObsipo; M.A., Kinesiology, San Jose State University; Ed.D., Educational Leadership and Change, Fielding Graduate University

DE LA ROSA, LOU, 2004
Instructor in Music
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

DUNDURS, KARINA, 1996
Instructor in Business and Computer Information Systems
B.S., Business Management, University of San Francisco. MBA California State University Monterey Bay
DYER, CHRIS 2010
Instructor in Mathematics
B.S., Mathematics, University of California, Davis; M.S., Mathematics, University of California, Davis and California State University, Northridge

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, Basketball Coach
B.A., History, St. Mary’s; M.A., Health, Physical Education & Recreation, St. Mary’s

ElRidge, Glenn 2014
Instructor in Chemistry
Ph.D., Chemistry, UC Irvine; Bachelor’s, Chemistry, Cal Poly San Luis Obispo

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

Fabian, Mitra 2013
Instructor in Art
B.A., Art, Kean College; M.F.A. Sculpture, California State University, Northridge

Farrell, Meg 2004
Instructor in Communication Studies
B.A., Speech Communication with Minor in Broadcast Journalism, San Diego State University; M.A., Communication Studies, San Jose State University

Finch, Jean 2004
Counselor, Disability and Education Support Program
B.S., Education from Kutztown State College in Pennsylvania and an MA, Counseling Psychology (concentration Marriage Family and Child Counseling) from the College of Notre Dame in Belmont

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 Reading
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

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-Schefer, Maria 1999
Counselor
B.S., Business Administration, concentration in Management; San Jose State University; M.A., Counselor Education, San Jose State University

Geary, Michelle, 2004
Instructor in Biology
B.A., Biology (Botany concentration) Sonoma State University; Ph.D., Plant Biology, University of California, Davis.

George, Fred, 1996
Instructor in Computer & Information Systems
B.S., Engineering with an emphasis in Computer Science, San Jose State University; M.S., Engineering, Santa Clara University

Gerzanics, Janine, 2000
Instructor in Journalism/English

Ghahramani, Soroush, 2006
Instructor in Architecture, Department Chair
Master of Architecture, Ph.D., Monument Restoration, University of Rome “La Sapienza” Rome Italy

Ghodrat, Nancy, CPA, 2005
Instructor in Accounting
M.S., Taxation, San Jose State University; B.S., Business Administration (Accounting)

Golaw, Tina, 1999
Instructor in English
B.A., English, Santa Clara University; M.A., American and British Literature with a minor in Jewish American and Holocaust Literature, Kansas State University

Golbets, Tom, 1998
Counselor
B.A., Psychology, UC Santa Barbara; M.A., Counseling, San Diego State University

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.A., Pictorial Arts, San Jose 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

Handa, Larry S., 1985
Instructor in Mathematics
B.S., Mathematics, Harvey Mudd College; M.A., Mathematics, Claremont Graduate School

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, Lenoire, 2002
Instructor in English
B.A., Social Science, University of California, Berkeley; M.A., Writing, University of San Francisco

Harrison, Blaine, 1996
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

Hernandez, Leticia Sanchez-Mendoza, 1993
Counselor and Instructor
B.A., Biological Sciences, San Francisco State University and San Jose State University; California Community College Teaching Credential (Basic Education), U.C. Berkeley; M.A., Counselor Education, San Jose State University

Hiller, Rebecca, 2014
Instructor in Mathematics
Master’s, Mathematics, emphasis in Applied Math; Bachelor’s, Applied Math & Biology (double major), Humbolt State University

Ho, Jennifer, 2013
Instructor in Sociology
B.A., Sociology - Criminology Concentration, San Jose State University; M.A., Sociology, San Jose State University

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

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

Jauregui, Jessica, 2016
Instructor, Learning Disability
A.A., Sociology, B.A., Psychology, Cal State Long Beach; M.A. Educational Psych., Loyola Marymount Ed. S School of Psychology Loyola Marymount University

Javan, Faraneh, 1996
Instructor in Health Care Technologies
M.D., Tehran University, Tehran, Iran
JOHNSON, ELISE, 2005
Counselor, TRIO Director
B.S., Psychology, James Madison University, Virginia; M.Ed., Counseling, University of Virginia

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

KAAS, LISA, 1999
Coordinator, Distance Learning;
Instructor in Computer Applications
B.S., Organizational Management, University of San Francisco; M.A., Instructional Technology, San Jose State University

KALIVITIS, BASILIKI, 2004
Instructor in English
B.A., English and minor in Mass Communications/Journalism, Fresno State University; Theatre and Literature Studies Abroad, London, England; M.A., English Literature, San Jose State University

KAMBEITZ, GUS, 2002
Instructor in Music
B.A., Jazz Performance (bass), San Jose State University; M.A., Jazz Composition, Washington State University

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

KELLER, TIINA, 2005
Instructor, Fashion Design and Apparel Technology
A.A., Fashion Design and Textiles Arts Hame Polytechnic Wetterhoff, Hameenlinna Finland; B.S., Fashion Design and Textiles 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

KO, SHANNON, 2013
Instructor in Mathematics
B.S. Mathematics, UC Davis; M.A. Mathematics, UC Davis

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

LIN, LUNG YEE, 2004
Instructor in Physics
B.S., Physics, National Taiwan Normal University; Taiwan; M.S., Physics, State University of New York, Albany

LIU, SAM, 2006
Instructor in Economics
B.A., Economics, Princeton University; Ph.D., Economics, Massachusetts Institute of Technology

LLERENA, CHRISTINA, 2013
Counselor, Student Success Emphasis
B.S., Sociology, University of Michigan; M.S., Social Work, Columbia 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

LOUERBACK, PATRICIA, 2001
Instructor in Health Education
B.S., Health Science, California State University, Northridge; M.P.H., San Jose State University; Registered Physical Therapist (PT), American Physical Therapy Association; Certified Health Education Specialist (CHES), National Commission for Health Education Credentialing

LOWRY, LAURA, 2014
Instructor in Theatre Arts
Masters degree, Fine Arts (Acting), Florida State University

MADDOX, FAUN, 2010
Instructor in Mathematics
B.A., Mathematics, San Jose State University; M.S., Mathematics, San Jose State University

MALMUTH-ONN, ANN, 1981
Coordinator, Honors
Instructor in Kinesiology and Dance
B.A., Anthropology, Stanford University; M.A., Education-Dance, Stanford University; Ph.D. CISS, additional graduate study, Tel Aviv University, University of California, Santa Cruz

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

McINTOSH, JEAN, 2002
Instructor in Digital Media/Internet Services
B.S., Sociology, University of Saskatchewan, Canada; B.F.A., Digital Graphics, CSU East Bay; M.A. Liberal Arts, Stanford University

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 & AGL, 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, Hilt Planetarium at the Lawrence Hall of Science, Minoa Planetarium at De Anza College

MICHALS, NILES, 2014
Instructor in English
B.A., Modern Literary Studies, University of California, Santa Cruz; M.F.A., Creative Writing (Poetry), University of Montana

MILLER, CHERYL, 1995
Director of DESP, Learning Specialist
B.A., Speech Pathology and Audiology, University of Vermont; M.A., Speech and Language Pathology, Northwestern University

MILLS, MARYANNE, 2004
Librarian

MIN, KYUNGH (KAEE), 1995
Instructor in Fashion Design & Apparel Technology

MITTAL, NEETI, 2017
Instructor, Mathematics
B.A., Mathematics, SJSU; M.S. Math, SJSU

MOORE-WINES, KATHERINE, 2001
Instructor in Child Studies
B.S., Education, Child and Family Studies, Bowling Green State University, Bowling Green, Ohio; M.A., Human Development, Merritt-Palmer Institute of Wayne State University, Detroit, Michigan; Additional graduate study, Pacific Oaks College

MORA-EVANS, MARTA, 2002
Counselor/CalfWORKS 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

NASH, CAROLYN, 1981
Counselor
B.A., Social Science, San Francisco State University; M.S., Counseling, California State University, Hayward; additional graduate study, University of California, Berkeley; Golden Gate University

NORRIS, NATHAN, 1996
Instructor in Biology
B.S., Aeronautics, San Jose State University; M.A., Biology (Phyiology), San Jose State University; additional graduate study, University of Washington.

OLIVEIRA, BRIAN, 2013
Instructor in Psychology
Ph.D, Psychology, University of South Florida
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Educational Background</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORTEGA, SYLVIA</td>
<td>Instructor in English as a Second Language</td>
<td>B.A., Spanish, Special Emphasis in Ethnic Studies, Santa Clara University; M.A., Teaching English as a Second Language, San Jose State University</td>
</tr>
<tr>
<td>ORTIZ, MARGARET</td>
<td>Instructor in Court Reporting</td>
<td>B.M., Education, Ithaca College, Ithaca, New York</td>
</tr>
<tr>
<td>PAPE, ERIC</td>
<td>Instructor in English</td>
<td>B.A., English, California State University, Northridge M.F.A.; Ph.D. A.B.D., Louisiana State University</td>
</tr>
<tr>
<td>PAQUIER, RENEW</td>
<td>Instructor in Administration of Justice</td>
<td>B.A., International Relations, California State University, Chico; M.C.J., Criminal Justice, Boston University, Boston, Massachusetts</td>
</tr>
<tr>
<td>PATTERSON, SARA W.</td>
<td>Counselor, International Student Counselor/PDSO, Athletics Counselor, Department</td>
<td>A.A., General Education, Chabot College; B.S., Child Development, Child Development Emphasis, California Polytechnic State University; M.A., Education, specializing in Counseling and Guidance, California Polytechnic State University, San Luis Obispo</td>
</tr>
<tr>
<td>PHAM, KIM MAN</td>
<td>Instructor in Mathematics</td>
<td>B.S., Mathematics, University of California, Davis; M.A., Mathematics, University of California, Davis</td>
</tr>
<tr>
<td>PIATT, VICTORIA</td>
<td>Instructor in Kinesiology</td>
<td>B.A., Social Welfare, University of California, Berkeley; M.A., Coaching and Athletic Administration, Concordia University, Irvine CA</td>
</tr>
<tr>
<td>PRITCHARD, MELVYN HUGO</td>
<td>Instructor in History</td>
<td>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</td>
</tr>
<tr>
<td>RASCOV, JEFF</td>
<td>Instructor in Computer Applications, Digital Media</td>
<td>B.S., Graphic Design, La Roche College, M.F.A., Computer Graphics, Rochester Institute of Technology</td>
</tr>
<tr>
<td>REED, MICHELLE</td>
<td>Instructor in Psychology</td>
<td>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 (RFT)</td>
</tr>
<tr>
<td>REISS, CYNTHIA NAPOLI-ABELLA</td>
<td>Instructor in Art History</td>
<td>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</td>
</tr>
<tr>
<td>RICHIE, JEANETTE</td>
<td>Instructor in English</td>
<td>B.A., English, San Jose State University; M.A. English, San Jose State University</td>
</tr>
<tr>
<td>RODRIGUEZ, WILLIAM</td>
<td>Instructor/Coach, Physical Education</td>
<td>B.A., International Studies, Pepperdine University; M.S., Physical Education, Azusa Pacific University, Arizona State University; M.A., Human Performance, San Jose State University</td>
</tr>
<tr>
<td>RUDY, DIANE</td>
<td>Instructor in Kinesiology</td>
<td>B.S., Physical Education, Athletic Training Emphasis, Arizona State University; M.A., Human Performance, San Diego State University</td>
</tr>
<tr>
<td>SALCIDO, MELISSA J.</td>
<td>Counselor / Puente Co-Coordinator</td>
<td>B.A., Spanish with an emphasis in Chicano Studies, Stanford University; M.S., Counseling with an emphasis in College, San Francisco State University</td>
</tr>
<tr>
<td>SANDFORD, BETSY</td>
<td>Librarian</td>
<td>A.B., History, Washington University in St. Louis; M.S., Library and Information Science, University of Illinois at Urbana-Champaign</td>
</tr>
<tr>
<td>SANDOVAI, RACHEL</td>
<td>Librarian</td>
<td>B.A., Anthropology and Latin American Studies, University of California, Riverside; M.A., Latin American Studies, Stanford University; M.L.I.S., Simmons College</td>
</tr>
<tr>
<td>SANDFORD, THOMAS</td>
<td>Instructor in Engineering</td>
<td>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</td>
</tr>
<tr>
<td>SCHREY, MOLLY</td>
<td>Instructor in Biology</td>
<td>A.A., Liberal Arts/Social Sciences, Niagara Community College; B.S., Biology Education, Buffalo State College; M.S., Science Education, Buffalo State College</td>
</tr>
<tr>
<td>SEVERE, PHILIP</td>
<td>Instructor in Counseling</td>
<td>B.A., English, U Utah; M.A. Eng Lit; Boston College; PhD, Eng Lit, UC Davis</td>
</tr>
<tr>
<td>SHAW, DANIELLE</td>
<td>Instructor in English</td>
<td>B.A., Eng Lit, U Utah; M.A. Eng Lit; Boston College; PhD, Eng Lit, UC Davis</td>
</tr>
<tr>
<td>SHUE, TERRY</td>
<td>Instructor in Child Studies</td>
<td>B.A., Speech Pathology and Audiology, San Diego State University; Master of Human Resource and Organizational Development, University of San Francisco</td>
</tr>
<tr>
<td>SILVEIRA, GASPAR</td>
<td>Instructor in Kinesiology</td>
<td>B.S., International Business, Chico State University; M.S., Physical Education, Saint Mary’s College of California</td>
</tr>
<tr>
<td>SMITH, ROSS</td>
<td>Counselor, Disability and Educational Support Program</td>
<td>A.A., Liberal Arts, Foothill College; B.A., Social Welfare, California State University, Long Beach; M.S., Rehabilitation Counseling, San Francisco State University</td>
</tr>
<tr>
<td>STANTON, CHRISTINE</td>
<td>Instructor in Biology</td>
<td>B.S., Biology and M.S., Physiology, UC Riverside</td>
</tr>
<tr>
<td>STARKS, PAUL</td>
<td>Head Athletic Trainer/Instructor</td>
<td>A.A., Liberal Arts, West Valley College; B.S., Kinesiology, Cal Poly, San Luis Obispo; M.A., Kinesiology (movement science) San Jose State University</td>
</tr>
<tr>
<td>SVENSSON, PETER</td>
<td>Instructor in Biology</td>
<td>B.S., Biology, University of Lund (Sweden); M.A., Biology, University of California, Santa Cruz</td>
</tr>
<tr>
<td>UPTON, BARBARA</td>
<td>Instructor in Philosophy</td>
<td>B.S., Philosophy, U.C. Berkeley; M.A., Philosophy, San Jose State University</td>
</tr>
<tr>
<td>VAUGHN, MELVIN J.</td>
<td>Instructor in Physics</td>
<td>B.S., Physics, University of California, Riverside; M.S., Physics, University of California, Santa Cruz</td>
</tr>
<tr>
<td>VU, AMY</td>
<td>Instructor in Mathematics</td>
<td>B.A., Psychology, San Jose State University; B.A., Mathematics, San Jose State University; M.S., Mathematics, San Jose State University</td>
</tr>
<tr>
<td>WAGNER, JENNIFER</td>
<td>Instructor in Mathematics</td>
<td>B.A., English and Worlds Arts and Cultures, University of California, Los Angeles; M.A. Teaching of Writing and M.A. Literature (ABT), Humboldt State University</td>
</tr>
<tr>
<td>WASSERBAUER, ANN MARIE</td>
<td>Instructor in English as a Second Language</td>
<td>B.A., History and German, Xavier University; German Studies, Universität, Augsburg, Germany; M.A., TESOL, Monterey Institute of International Studies</td>
</tr>
<tr>
<td>WEINER, SUSAN A.</td>
<td>Instructor in Chemistry</td>
<td>B.S., Chemical Engineering, Technical University of Budapest, Hungary; M.S., Physical Chemistry, New York University</td>
</tr>
<tr>
<td>WIENS, RICHARD</td>
<td>Instructor in Kinesiology</td>
<td>B.A., Business Administration, National University, San Diego CA; M.S., Health, Kinesiology &amp; Sports Studies, Texas A&amp;M University, Commerce TX</td>
</tr>
<tr>
<td>WEISS, BETTY</td>
<td>Instructor in Mathematics</td>
<td>B.S., Mathematics, Carnegie-Mellon University; M.S., Mathematics, New York University</td>
</tr>
</tbody>
</table>
Emeriti Administration and Faculty

Dates indicate year of employment and year of retirement

ACCORNERO, MARC  
Instructor in Spanish, Italian & Music (1998-2012)

ALLMAN, WILLIAM  
Counselor (1969-1992)

ANDERSON, VERONESE M.  
Counselor/Instructor/Transfer (1976-2002)

ANDERSON, JOANE  
Instructor in Mathematics (1980-2009)

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)

AUMACK, GORDON  
Dean of Instruction (1964-1976)

BARNIKEL, FREDERICK G.  
Instructor in History (1970-2002)

BARRETT, GORDON E.  
Instructor in English (1970-2003)

BENNETT, PATRICIA  
Dean of Human Resources Mgmt. (1967-1993)

BENKOSKI, STANLEY J.  
Instructor in Mathematics (1999-2015)

BENSON, BART  
Instructor in English (1967-2001)

BERRY, SANDRA M.  
Instructional Computer Lab Faculty (1966-1992)

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)

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)

CADENA, AL  

CALLNER, JAMES  
Instructor in Theatre Arts (1986-2014)

CAMPBELL, DOUGLAS  

CAMPBELL, WILLIAM H.  

CASPER, MARY H.  
Instructor in English (1968-1992)

CEFALONI, DONALD  
Librarian (1969-1993)

CHAMPION, GEORGE W.  
Instructor in Music (1977-2003)

CHAVES, ROBERT  
Instructor in Foreign Languages (1979-2009)

CHOW, TERENCE T.  
Instructor in Art (1990-2000)

CIRIAULO, DON  
Instructor in Philosophy (1995-2015)

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)

DUQUETTE, WILLIAM  

EATON, JUDITH  
Instructor in Court Reporting (1990-2000)

EDMAN, ARNOLD  
Dean of Guidance and Counseling (1964-1974)
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
Instructor in Kinesiology (1969-1995)

FOERSTER, DONALD
Instructor in Chemistry (1984-1994)

FOGGIATO, RUTH
Instructor in Medical Records Technology (1974-1982)

FONTAN, LYDIA C.
Instructor in English (1981-2003)

FREE, JOY
Instructor in Kinesiology (1969-1999)

FUJISHIN, RANDY M.
Instructor in Communication Studies (1978-2012)

GALLUP, THOMAS

GANDER, FRED J.
Instructor in Music (1975-2001)

GARCIA, TOMAS
Instructor in History (1971-2006)

GARDNER, KATHRYN M.
Instructor in Reading (1977-1993)

GARVEL, HOWARD
Instructor in Chemistry (1972-1998)

GERDES, THEODORE 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)

GOSS, JAMES H.
Business Administration (1966-2002)

GRATON, PAUL
Counselor (1964-1985)

GREEN, THOMAS
Instructor in Biology and Park Management (1985-2008)

GRUBB, GEORGE
Instructor in Physical Science (1965-1979)

Haley, BARRON R
Instructor in Biology (1967-2003)

HALL, HUGH
Librarian (1964-1982)

HAMPTON, CLO ANN

HANCOCK, JOHN
Instructor in Kinesiology (1987-2006)

HANSEN, JAMES D.
Instructor in Sociology (1969-2001)

HARRIS, KENT
Instructor in Mathematics/Physics (1980-2003)

HARRIS, LYDIA
Instructor in Child Studies (1976-2000)

HARTLEY, PHILIP
President (2004-2009)

HERAUF, MICHAEL D.
Instructor in Psychology (1970-2010)

HERMAN, THEODORE C.
Instructor in Geology (1967-2000)

HERNANDEZ, JOSEPHINE
Counselor (1975-1996)

HOPPER, DIANA
Instructor in History (1981-1997)

HORSTON-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)

HULS, HARRIETT N.
Instructor in Biology (1968-1996)

HUGMANICK, MICHAEL
Instructor in Psychology (1970-2009)

HUSTON, VIVIAN
Counselor (1966-1979)

HUNTER, GLENNA
Instructor in Allied Health and Business (1977-1993)

JAMES, JANE
Instructor in Art (1965-1968)

JANKE, EDWARD
Instructor in Architecture (1993-2009)

JOHNSON, DONALD M.,
Instructor in Psychology (1965-2000)

JOHNSON, WALTER E.
Instructor in English (1965-1991)

JUE, MARTIN
Coordinator, Tutorial Services (1989-2009)

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)

KINGSTON, WESTON H. JR.
Instructor in Technical Drafting (1964-1993)

KNIGHT, CAROL
Instructor in Kinesiology (1990-2014)

KROTH, ANYA, 1984
Instructor in Mathematics (1984-2007)

KURSAK, EDWARD R.
Instructor in Foreign Languages (1968-1996)

LADD, SANDRA
Instructor in Psychology (1971-2009)

LaFAVE, SANDRA A.
Instructor in Philosophy (1986-2011)

LAW, VIRGINIA L.
Instructor in English (1970-1992)

LAWLROR, 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)

LIVINGSTONE, JOSEPH T.
Counselor (1964-1998)

LIANIDES, SYLVIA P.
Instructor in Biology (1975-1996)

LILY, JANE

LOCK, VIVIAN
Instructor in Computer Applications

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)

LUNDE, ARNE
Instructor in Foreign Languages (1969-1987)

MAIA, JULIE
Instructor in English (1990-2015)

MANDELL, JOSEPH D.

MARKUM, JOSEPH A., JR.
Instructor in Electronics (1965-1990)

MARTINEZ, MAC
Instructor in Spanish (1964-1986)

MATHIESON, PEGGY
Instructor in Business (2004-2016)

McCRAHON, BETTY
Instructor in Business (1966-1988)

MCGINLEY, LEANN
Instructor in Paralegal (2001-2017)

MCGOLDRICK, LARRI
Instructor in Business (1966-2002)

MCGINLEY, LEANN
Instructor in Paralegal (2001-2017)

MCGOLDRICK, LARRI
Instructor in Business (1966-2002)

MCGINLEY, LEANN
Instructor in Paralegal (2001-2017)

MCGOLDRICK, LARRI
Instructor in Business (1966-2002)

MCGOLDRICK, LARRI
Instructor in Business (1966-2002)
emeriti administration and faculty

MOWATT, WILLIAM D
Instructor in English (1969-1998)

MURPHY, DONN
Instructor in Sociology (1968-2009)

NERENBERG, LILLIAN
Instructor in Political Science (1965-1990)

NYQUIST, GENE
Instructor in Kinesiology (1967-1989)

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 (1998-2008)

ORTON, GEORGE
Instructor in English (1970-1993)

OTT, BILL
Counselor (1965-1997)

OVERSTREET, SUZANNE
Instructor in English as a Second Language (1995-2013)

PARSONS, ALICE
Instructor in Kinesiology (1966-1980)

PEARCE, FRANK
Instructor in Biology (1981-1999)

PEASE, JACK G.
Instructor in Mathematics (1964-1992)

PECK, R. “JIM”
Learning Specialist (1975-2006)

PECKHAM, DONALD
Instructor in Kinesiology (1969-1988)

PELTZ, STEPHEN K.
Program Director, Distance Learning and Instructional Technology (1976-2008)

PERRY, WILLIAM J.
Instructor in Business (1976-1993)

PETERS, EDWARD
Instructor in Chemistry (1965-1987)

PIROFSKI, FLORENCE
Instructor in Child Studies (1981-2010)

PLUTYNISKI, LINDA
Instructor in English (1993-2003)

POLEY, GEORGE
Instructor in Chemistry (1964-1978)

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)

REASONS, DON
Instructor in Geography (1964-1987)

REED, JUDY
Instructor in Court Reporting (1978-1995)

RICKSECKER, EARL
Counseling (1978-2000)

RINEHART, ANN
Instructor in Art (1975-1988)

RIVERA, MICHAEL
Counselor (1969-1987)

ROIZEN, MOISES
Instructor in Kinesiology (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)

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)

SAMIUES, 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)

SCHREIBSTEIN, LEN
Coordinator, Disability & Educational Support Program (1992-2009)

SCHWENDINGER, DICK
Instructor in Kinesiology (1984-1987)

SCOTT, MARVIN
Instructor in Music and Humanities (1965-1977)

SEEFELDT, GUNTER
Instructor in Foreign Languages (1969-1993)

SEQUIST, JACK

SENTENY, JACK C.

SELLECK, SYLVIA A.
Counselor (1975-2006)

SERNA, IRENE
Director, EOPS/CARE (2006-2015)

SHERWOOD, PATRICIA
Instructor in Art (1978-1999)

SIMPSON, CLAUDINE H.
Instructor in Kinesiology (1969-1996)

SKAIFE, LINDA
Instructor in Foreign Languages (2001-2006)

SMITH, DeBoYD
Instructor in Biological Science (1964-1978)

SMITH, ERNEST
Vice President, Student Services (2006-2009)

SMITH, JAMES E.
Instructor in Administration of Justice (1993-2014)

SMITH, SUSAN
Instructor in Reading (2000-2007)

SMITH, THOMAS A.
Instructor in Park Management (1964-1991)

SMITH, JIM

SMITH, Lester
Instructional Dean (1969-1985)

SOHNS, FIONA I.
Instructor in English (1968-2003)

STALEY, HUGH
Counselor (1964-1976)

STEWART, WILLIAM E.
Instructor in English (1970-1996)

STILLWELL, DONALD F.

STONER, DONALD A.
Instructor in Biology (1964-1992)

STRANDGAARD, TORBEN
Instructor in Interior Design (1976-1988)

STUMP, VIRGINIA
Instructor in English (1964-1979)

SULLIVAN, A. FAY
Instructor in English (1967-1987)

SUTTER, ROBERT
Instructor in Kinesiology (1965-1983)

SWENSON, LARRY G.
Instructor in Psychology (1964-1998)

TANG, CLAYTON
Instructor in Business and Accounting (1964-1969)

TEMKIN, DOUGLAS
Instructor in English (1990-2011)

THELIN, PETER
Instructor in Economics (1970-2006)

THOMAS, LEWIS
Instructor in Journalism (1964-1979)

TORRES, CARMEN
Instructor in English (1990-2009)

TREBBE, EDWIN S.
Counselor (1965-1993)

TRULSON, BERTON
Instructor in Speech (1967-1985)

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)

VIRDEH, FRED
Instructor in Mathematics (1981-2002)

WALLACE, KAREN
Instructor in English (1985-2011)

WEBB, JAM A.
Instructor Computer Specialist, Lab Faculty Specialist (1968-1998)

WEISBERG, EVELYN
Instructor in Early Childhood Education (1968-1980)

WELBORN, HAROLD
Instructor in Administration of Justice (1967-1979)

WHEELER, SIV
Instructor in History (1987-1996)

WILCZAK, JAMES
Instructor in Mathematics (1984-2009)

WILSON, WOODROW
Instructor in Business (1964-1986)
**Staff**

**ADAMS, JAMES, 2017**  
Library & Success Center Specialist  
B.A., English & Comparative Literature, San Jose State University

**AIMONETTI, CATHY, 2002**  
Senior Administrative Assistant, Career Programs

**BABAKAN, AZAR, 2001**  
Educational Testing Tech Specialist, Student Services  
B.S., Business, Purdue University; M.S., Statistics, Virginia Polytechnic Institute & State University

**BADAL, SHAMIRAN, 2015**  
DESP Support Services Technician, DESP  
B.A., Communicative Disorders and Sciences, San Jose State University

**BAILEY, REBECCA, 2016**  
Instructional Lab Technician – Science (Biology)  
B.S., Chemistry and French, Wheaton College, IL; M.S., Agronomy, University of Wisconsin, Madison IL

**BARTLETT, DOONU, 2011**  
Administrative Analyst - Office of Instruction  
B.A., English, Santa Clara University

**BERNAL, VERONICA, 2014**  
Student Enrollment & Financial Services Advisor, Financial Aid

**BERTOLUCCI, NICHOLAS, 2015**  
Kinesiology Oper Coordr, Physical Education

**BRECKENRIDGE, DONNA, 2013**  
Sr. Admin. Assistant to the Vice President of Administrative Services & Facility Rentals  
A.A., Social Sciences, West Valley College; B.A., Public Relations, SSU

**CARRERE, MICHELLE, 2004**  
Library/Media Technician  
A.A., Library Technology Science, Foothill College

**CARTER, GERALD, 1998**  
Performing Arts Technical Director, Theatre Arts

**CERESA, MELISSA, 2001**  
Office Coordinator, Veteran’s Resource Center Technology

**CHEVALIER, JOLIE, 2015**  
Student Enrollment & Financial Services Advisor  
B.A. Developmental Psychology, San Francisco State University; M.A. Forensic Psychology, Argosy University.

**CLOMAN, GARY, 1996**  
Server Systems Administrator, Information Technology & Services

**COLON, DANIEL, 2010**  
Custodian, Campus Center

**CORONADO, ROSA, 2013**  
EOPS Specialist

**DaROZA, CINTHIA, 2015**  
Instructional Lab Technician – Science (Biology)

**DIAL, MIQUEAS, 2015**  
Research Analyst, President’s Office

**DILLON, MEREDITH, 2004**  
Assistant Athletic Trainer  
A.A., Sports Medicine and A.A., Liberal Arts, Santa Barbara City College; B.S., Physical Education, Cal Poly San Luis Obispo; M.A., Kinesiology, San Jose State University

**EBAHMI, LILJ, 2013**  
Office Assistant, Student Activities

**EPPELEY, TERRY, 2001**  
Program Specialist, International Student Advisor, Counseling  
A.A., Math and A.S., Physics, West Valley College

**ESPINOSA, JUAN, 2017**  
Research Analyst

**FISK, JULIANN, 2015**  
Administrative Assistant, Counseling  
B.A. (Hons), Business Studies, University of Brighton, UK; M.A., Play Therapy, Roehampton University, UK

**FLANIGAN, RYAN, 2014**  
Program Assistant, Student Development  
A.A., Communication Studies, West Valley College; A.A., Liberal Arts, West Valley College

**FLYNN, PAULA, 2010**  
Senior Office Coordinator, Language Arts

**GAULT, MAX, 2008**  
Instructional Technologist, Distance Learning  
A.A., Liberal Arts, West Valley College

**GIPNER, JOHN, 2016**  
Financial Aid Advisor  
B.A., Political Science, Univ of Rochester; B.S., Communication Studies, Towson Univ

**GOLDMAN, ELLEN, 2013**  
Instructional Lab Technician, Foreign Language/ESL

**GUINNANE, STEPHEN, 2011**  
Instructional Lab Tech-Science, Chemistry Lab

**GUTIERREZ, GLORIA, 2015**  
Instructional Lab Technician, Foreign Language/ESL

**HEMBRY, JOHANNA, 2017**  
Administrative Assistant

**HARRIS, MONA, 2013**  
Senior Administrative Assistant, Non-Credit/FKCE  
A.A., Business West Valley College; B.S., Business Administration/Accounting, Cal Poly-SLO

**HOOPE, JULIE, 2015**  
Administrative Assistant, Counseling

**IZZI, SHALIEN, 2016**  
Senior Administrative Assistant, Title III Program  
B.A., Business Administration, St. Mary’s College

**JACKSON, CHRISTOPHER, 2016**  
Alternate Media/Instructional Support Assistant, DESP

**JOHNSON, MICHAEL, 1999**  
Instructional Lab Technician, Art  
B.S., Engineering Mathematics, Tulsa University; M.S., Applied Mathematics, North Carolina State University

**KARETS, ELENA, 2013**  
Student Records Advisor, Admissions & Records  
A.A., Liberal Arts, West Valley College; A.A., Business, West Valley College

**KELLY, LYN, 2013**  
Senior Office Coordinator, Professional Studies Division  
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 Specialist
KINLEY, LAUREL, 1998  
Administrative Specialist - Personnel  
A.A., Women's Studies, West Valley College;  
B.A., Social Sciences, San Jose State University  

LA SALA, PATRICE, 2014  
Program Specialist, Career Education  

LAKEW, YALEMWORK, 2001  
Office Coordinator, Office of Student Development  

LAKHANI, ESTHER, 2010  
Instructional Assistant - Music  
B.A. University of California, Berkeley; M.M. University of Michigan, Ann Arbor  

LANGWORTHY, TERESA, 1995  
Senior Office Coordinator, Social Science  

LOBATO, ANA, 2016  
Student Enrollment & Financial Services Advisor, Admissions & Records  
B.A., University of California, Santa Cruz  

LOPEZ, MARIA, 1995  
Senior Office Coordinator, School of Art and Design  

MACIEL, A., ELIZABETH, 1998  
Supervisor, Financial Services  
B.S., Business, University of Phoenix  

MAGELES, GEORGE, 2002  
Community Resource Coordinator, Student Health Services  
B.A., Psychology, University of Southern Maine;  
M.A., Counseling Psychology, University of San Francisco  

MARTIN, ALEKSANDRA, 2015  
Senior Office Coordinator, Math and Science Division  

MARTIN, KRISTIN, 2014  
Financial Aid Advisor, Financial Aid  
B.A., Social Work, San Jose State University  

MASSA, CHERYL, 2008  
Senior Administrative Assistant, Admissions & Records  
B.S., Counseling Psychology, William Jessup University  

McCONNELL, REBECCA, 1995  
Senior Administrative Assistant  
Career Services, Grants and Contracts  
B.A., Psychology, San Jose State University;  
M.A., Psychology, John F. Kennedy University;  
Organization & Family Therapist - emphasis  

McDEVITT Jr., JOSEPH MICHAEL, 1998  
Program Supervisor, Student Support Services  
B.A., Spanish Literature and Government,  
Skidmore College; M.A., Counseling Psychology, University of San Francisco  

McMAHON, LORETTA, 2001  
Student Services Technician, Student Support Services  

MCVEY, SONIA, 2013  
Executive Assistant, Office of Instruction  

MENESES, JULIE, 2007  
Student Enrollment & Financial Services Adv., A&R  
A.A., Liberal Arts Emphasis in Social and Behavioral Sciences, West Valley College  

MEYERS, ROBERTA, 2015  
CDC Specialist III, CDC  

MIRANDA, LYDIA, 2001  
Program Assistant, Community Education  

NAVA, ELISA, 1998  
Specialist III-Child Development Center  
A.A., Early Childhood Education  

NEVAREZ, SONIA, 2017  
Financial Aid Advisor  

NGUYEN, CHAN, 2007  
Instructional Lab Tech - Science, Chemistry  

NGUYEN, DONNA, 2011  
Editorial Specialist, Mark & Comm., Instr. Technology  
B.A., Marketing, Santa Clara University  

NIEMANN, DANIEL, 2013  
College Web and Digital Media Prod., Instr. Technology  

NOORMANESH, BEHIN, 2008  
Student Services Technician, Financial Aid  
B.A., Political Science, Azad University; Iran Master's Degree in Counseling, Education  

OCHOA, ELIZABETH, 2005  
Financial Aid Outreach Specialist, Financial Aid  

OGILVIE, BARBARA, 1998  
Supervisor, Admissions & Records  
A.A., Speech Comm., West Valley College; B.S.,  
Corporate Comm., Bellevue University; M.A.,  
Organizational Mgmt., Bellevue University  

OKAMOTO, KAREN, 2017  
Senior Administrative Assistant to Dean, Office of Instruction  

PEREZ-NELSON, ROSE, 2017  
Senior Administrative Assistant, Cilker School of Art & Design  

PHAM, LIEN, 1998  
Supervisor, Financial Aid Services  
A.S., Biological Science, West Valley College, Saratoga  

POLLOCK, LESLIE, 2015  
Sr. Executive Assistant, Student Success  
B.A., Business Management, San Jose State University  

PORTILLO, LUIS, 2016  
Administrative Analyst, Office of Instruction  
M.S., Industrial and Organizational Psychology,  
San Jose State University  

POWELL, LAURA, 2017  
Library & Success Center Specialist  
B.A. Speech Communication (Organizational Comm Concentration), Metropolitan University of Denver  

RAMIREZ, ELIZABETH, 1990  
Student Enrollment & Financial Services Adv., A&R  

REHFELD, KIRA, 2016  
Graphic Designer  

RODRIGUEZ, SALVADOR, 2015  
Custodian, Campus Center  

SABOURI, VIDA, 2012  
Library & Success Center Specialist, CAW  

SCALETTA, MICHAEL, 1994  
Program Specialist, Disability and Educational Support Program, Student Services  
B.A., Interdisciplinary Studies  

SEEGER, YORI, 2009  
Instructional Lab Assistant - Art  

SIAK, ANGELA, 2007  
Office Coordinator, Counseling  

SMITH, KENNETH, 2017  
Instructional Lab Tech, Physical Science Lab  

SMITH, TRACY, 2017  
Instructional Lab Tech, Theater Arts Costumer  

SOUTHWORTH, TANYA, 2015  
Senior Office Coordinator, Disability and Educational Support Program,  
B.S., Organizational Behavior and Leadership,  
University of San Francisco  

SPECHT, DARLENE, 2010  
Office Coordinator, Student Health Services  

SWALEN, MARY, 1994  
Instructional Assistant, Court Reporting  

TONG, SUSIE, 2008  
Career/Transfer Advisor, Career/Transfer Center  

TRAN, STEVEN, 2016  
Student Enrollment & Financial Services Advisor, Admissions & Records  
B.S., Business Administration, San Jose State University  

TRAN, THUY, 2001  
Senior Administrative Assistant, Library & Instruction  

TRINH, TU-LAN, 1997  
Student Records Advisor, Admissions and Records  
B.A., Business, West Valley College  

UNDERWOOD, SANDY (STAR), 2013  
Senior Administrative Assistant, Community Ed  

VALDEZ, JUANITA, 2015  
Senior Office Coordinator, Health and Human Development  

VAUGHN, MEGHAN, 2006  
Program Specialist, Health Services Mental Health Initiative  

VINSON, CHER, 2016  
Financial Analyst, Administrative Services  

WEST, DIANA, 2005  
Receptionist, Student Health Services  

WILLIAMS, JACQUELINE, 2017  
Administrative Assistant, Student Equity & Success  

YEE, ALFRED, 2008  
Classroom Technology Specialist
# INDEX

**Academic Appeals Committee** 36  
**Academic Freedom** 201  
**Academic Programs** 5  
**Academic Regulations and Standards** 194  
**Academic Renewal Policy** 212  
**Accounting** 41  
**Accreditation** i  
**Adapted Physical Education** 124  
**Administration of Justice** 42  
**Admission to the College** 194  
**Admissions Eligibility** 194  
**Admission Requirements** 194  
**Advanced Placement** 10  
**Advancement Foundation** 192  
**Affirmative Action** 210  
**American Sign language** (see World Languages) 183  
**Anatomy and Physiology** 63  
**Anthropology** 45  
**Appeal to the President** 207  
**Appeal to the Board of Trustees** 207  
**Appeal to the Chancellor** 208  
**Aquatic Sports** 124  
**Archaeology** 45  
**Arabic** (see World Languages) 183  
**Architecture** 46  
**Art** 52  
**Assessment** 6, 209, 213  
**Associate Degree** 7, 18  
**Associate Degree and Certificate** 4  
**Associate Degree for Transfer** 22  
**Associated Student Organizations** 196, 213  
**Astronomy** 58  
**Audit** 194  
**Aviation** 59  
**Basic Fees** 193  
**Basic Skills / Pre-Collegiate** 6  
**Board of Governor’s Waiver (BOGW)** 214  
**Board Policies** 194  
**Board of Trustees** i  
**Book Loan Program** 215  
**Bookstore** 213  
**Business Administration/Real Estate** 64  
**Career Programs Advisory Boards** 37  
**Catalog Rights for Degree or Certificate Consideration** 5  
**Challenges** 5  
**Chancellor** i  
**Chemistry** 70  
**Child Care Services** 213, 230  
**Child Studies** 71  
**Chinese** (see World Languages) 183  
**Collaborative Leadership** 3  
**College Calendar** 2  
**College Enrolment Fee** 193  
**College Level Examination Program (CLEP)** 8, 14  
**College Strategic Goals** 3  
**Combatives and Martial Arts** 117  
**Computer Information Systems** 77  
**Concurrent Enrolment-High School Students** 194, 209  
**Corequisite** 5  
**Counseling Center** 213, 230  
**Counseling Courses** 79  
**Court Reporting & Related Technologies** 80  
**Course Descriptions, How to Read** 40  
**Course Repeitions** 36, 199, 211  
**Credit by Examination** 6, 200, 212  
**Cultural Diversity Requirement** 16, 18  
**Dance** 125  
**Degrees and Certificates** 4  
**Delinquencies on Student Records** 201  
**Descriptions of Courses** 40  
**Digital Media** 83  
**Directors and Program Managers** 218  
**Disability and Educational Support Program** 86, 196, 214, 230  
**Disciplinary Actions** 203  
**Discrimination** 192, 210  
**District Police** 214  
**Diversity and Inclusion** 192  
**Double Major** 5  
**Drug-Free Campus** 198  
**Duplicate Registration** 200  
**Economics** 87  
**Electronic Imaging** (see Art) 52  
**Emeriti Administration and Faculty** 223  
**Engineering** 90  
**English** 91  
**English Flow Chart** 34  
**Enrollment** 194  
**Enrollment Priorities** 105  
**English as a Second Language** 96  
**English as a Second Language Flow Chart** 34  
**EOPS-Extended Ed/Program Services and Care** 196, 214, 230  
**Equal Opportunity** i, 192, 197, 210  
**F**  
**Faculty** 219  
**Fashion Design and Apparel Technology** 98  
**Fees and Charges** 193  
**Field Trips** 201  
**Financial Aid** 196, 214, 230  
**First Year Experience** 215  
**Fitness** 128  
**Food Services** 215  
**Foreign Languages** (see World Languages) 183  
**French** (see World Languages) 183  
**G**  
**General Education** 5  
**General Education Certification** 9  
**Geographic Information Science** (see Park Management) 159  
**Geography** 101  
**Geology** 102  
**German** (see World Languages) 183  
**Grading System** 211  
**Graduation Proficiency Requirement** 5  
**Graduation Requirements, Associate Degree** 7  
**Grievance Policy** 207, 210  
**Guaranteed Admission to Four Year Colleges** 8, 9, 22  
**H**  
**Health Care Technologies** 104  
**Health Education** 109  
**Health Services for Students** 215, 230  
**Historic Preservation** 47  
**History** 110  
**Honors University Transfer Program** 112, 215  
**Humanities** 116  
**I**  
**Information Competency** 141  
**Interdisciplinary Studies** (Student Success and/or Tutoring) 174, 180  
**Intercolligate Athletics** 215  
**Intersegmental General Education Transfer Curriculum (IGETC)** 17, 20  
**Instructional Programs** 4  
**Interior Design** 116  
**International Student** 215, 230  
**Italian** (see World Languages) 183  
**J**  
**Japanese** (see World Languages) 183  
**K**  
**Kinesiology** 121  
**Kinesiology Theory** 138
Index

L
Landscape Architecture  48
Languages  183
Latin
(see World Languages)  183
Learning Services
(see Disability and Educational Support Program)  86, 196, 214, 230
Liberal Arts  139
Library and Information Studies  141
Library Services  216
Lifetime Sports  130
Literature
(see English)  91
Lower-Division Transfer Requirements  9

M
Management and Supervision
(see Business)  64
Marketing and Sales  142
Marine Diving Education  136
Mathematics  142
Mathematics Flow Chart  35
Matriculation  195
Medical Assisting
(see Health Care Technologies)  104
Middle College  216
Military Credit  6
Mind/Body/Wellness  135
Mission Statement  3
Music  146

N
Non-Credit Courses  189
Non-Discrimination Statement  i, 192, 210
Nonresident Student  194
Nonresident Tuition  194
Nutrition Studies  154

O
Oceanography  155
Office of Student Development  216
Online Learning  9
Orientation  79
Outreach  216, 230

P
Paralegal  156
Park Management  159
Parking Fee  193, 194
Parking Regulations  216
Philosophy  163
Photography
(see Art)  52
Physical Science  165
Physics  165
Police  214
Political Science  166
Portuguese
(see World Languages)  183
Pre-Collegiate Basic Skills  6
Prerequisites  5
Probation and Dismissal  200
Psychology  168
Puente Project  216

R
Reading  170
Reading Flow Chart  34
Readmission  200
Real Estate  69
Reciprocity  5
Recommended Preparations  5
Refunds  193, 201
Returning (Former) Students  5
Rights and Responsibilities  202
Russian
(see World Languages)  183

S
Safety Services and Assistance  217
Sales
(see Marketing and Sales)  142
Scholarship Program  215
Second Associate Degree  5
Service Animals  198
Sexual Harassment I, 192, 198, 210
Sign Language
(see World Languages)  183
Social Justice Studies  171
Social Science  172
Sociology  172
Spanish
(see World Languages)  183
Speech Communication
(see Communication Studies)  75
Speech Development
(see Disability and Educational Support Program)  86, 196, 214, 230
Staff  226
Standards for Dismissal  200
Student Development  216
Student Health Services  196, 215, 230
Student Support Services  213
Success Program  217

T
Team Sports  132
Telephone Numbers  230
Theatre Arts  174
Transcripts  194
Transfer Credit  9
Transfer Degrees  22
Transfer Preparation  9
Transfer Center  217
TRIO  217
Trustees  i
Tutorial Services  217
Tutoring  180
Typing
(see Non-Credit Courses)  189

U
University of California Admissions  8

V
Veterans Administration Education Benefits  217

W
Women and Gender Studies  181
Work Experience  182
World Languages  183

Z
Zoology
(see Biology)  60
The Child Studies Department at West Valley College offers an early childhood program for children. Child Development Center 408-741-2152

Leadership opportunities exist through participation in the Associated Student Organization, Campus Activities Board, and student organizations. Campus involvement is critically important, because it helps students develop strong networks and effective leadership skills.

The Campus Center is the heart and information hub of the campus community and serves as the welcoming “living room” environment for students, faculty, and staff. The Center houses a variety of student support services including, the Campus Information Desk, Event Center, Coffee House, Student and Faculty Dining, Viking Bookstore, Viking Lounge, Art Gallery, Global Citizenship Center, Associated Student Government, Veterans Resource Center, TRIO, Student Development as well as many indoor and outdoor conference and meeting room venues.

The mission of Student Development & Campus Center is to foster a vibrant campus community. Student Development promotes student engagement and leadership development. Leadership opportunities exist through participation in the Associated Student Organization, Campus Activities Board, Veteran’s Resource Center, and registered student organizations. Campus involvement is critically important, because it helps students develop strong networks and effective leadership skills.

The Child Studies Department at West Valley College offers an early childhood program for children 2 to 5 years old. Students, staff, faculty and community families are eligible for the program.

The Counseling Center has professional counselors who can help complete an educational plan, prepare transfer agreements, choose classes, select a possible major or career, solve an academic problem, or address a personal problem. The following programs are included: Athletics, First Year Experience, Middle College, Honors, International Support Services, Cooperative Agencies Resources for Education (CARE), Extended Opportunity Programs Services (EOPS), and Access Program.

Library Services 408-741-2028, 408-741-2029

The Office of Student Equity and Success is located in the Campus Center and is charged with creating forums for students to express their concerns, and with facilitating healthy discussions about race, ethnicity and other pertinent issues that support and promote the processes by which we learn about interdependence in our world and prepare for successful integration in varied societies. The Office sponsors the Student Mentor Program, cultural celebrations, film and speaker series, panel discussions, and symposia. The Office is always open to ideas and collaborations with faculty, staff, students and campus groups.

The Associated Student of West Valley College (ASWVC) is your student government organization. Associated Student of WVC

Tutoring is available, without charge, to West Valley College students in both academic and vocational subjects. Students are also assisted in forming their own study groups.

At the Writing Center, students can get FREE help with writing assignments. Computers are also available for students to use for class writing assignments. Peer tutors and English faculty members are available to help you succeed.

The Office of Financial Aid is to assist eligible students in meeting education costs while attending school. Apply online at westvalley.edu or visit our office.

The purpose of financial aid is to assist eligible students in meeting education costs while attending school. Apply online at westvalley.edu or visit our office.

The Veterans Resource Center (VRC) provides support and peer mentoring to ensure veteran students and their dependents are successful at West Valley College. Some support services are provided adjacent to the VRC, along with a monthly newsletter, events, and networking opportunities with the Vets Club. Veteran students will find additional support networking opportunities with the Vets Club. Veteran students will find additional support

The Office of Health Services is to assist eligible students in meeting education costs while attending school. Apply online at westvalley.edu or visit our office.

The health fee paid at registration supports a variety of free and low cost health services for students. This includes mental health services.

The Office of Student Success is to assist eligible students in meeting education costs while attending school. Apply online at westvalley.edu or visit our office.

The Office of Student Success is to assist eligible students in meeting education costs while attending school. Apply online at westvalley.edu or visit our office.

The Office of Student Success is to assist eligible students in meeting education costs while attending school. Apply online at westvalley.edu or visit our office.

The Office of Student Success is to assist eligible students in meeting education costs while attending school. Apply online at westvalley.edu or visit our office.

The Office of Student Success is to assist eligible students in meeting education costs while attending school. Apply online at westvalley.edu or visit our office.

The Office of Student Success is to assist eligible students in meeting education costs while attending school. Apply online at westvalley.edu or visit our office.

The Office of Student Success is to assist eligible students in meeting education costs while attending school. Apply online at westvalley.edu or visit our office.

The Office of Student Success is to assist eligible students in meeting education costs while attending school. Apply online at westvalley.edu or visit our office.