**FALL SEMESTER 2019** August 26 - December 14

Continuing students receive registration date by e-mail or in the mail .................................................. April 2
Concurrent enrollment registration for high school seniors ............................................................... August 13
Concurrent enrollment registration for high school juniors .............................................................. August 14
Concurrent enrollment registration for high school sophomores ..................................................... August 15
Web registration (see page 12 for details) ......................................................................................... Beginning April 15
Web reg is available after your registration day and until the day before class starts.
Convocation (All new students required) .......................................................................................... Friday Aug. 16
All College Day (All Offices Closed) .................................................................................................. Friday Aug. 23
First day of classes .......................................................................................................................... Monday Aug. 26
Labor Day Holiday (All Offices Closed) ......................................................................................... Monday Sept. 2
Last day to ADD a semester length class is ..................................................................................... Sunday Sept. 8
Last day to ADD short term classes .................................................................................................. 10% of total days
Last day to DROP a semester length class without a “W” and with a refund is ....................... Sunday Sept. 8
Last day to DROP short term classes ............................................................................................. 10% of total days
Deadline to Petition for AA-T/AS-T Degrees for Spring 2020 Transfer.............................................. September 12
Last day to submit Pass/No Pass grading option .............................................................................. Sept. 27
Deadline to petition for fall graduation .......................................................................................... Sept. 12
Financial aid students in semester length classes must persist beyond this date in order to avoid returning financial aid funds. Oct. 30
Veterans Holiday (All Offices Closed) ............................................................................................. Nov. 11
Last day to DROP a semester length class with a “W” is ................................................................. Nov. 15
Last day to DROP a short term class with a “W” is ........................................................................ 75% of meeting days
Thanksgiving Holiday (All Offices Closed, No Saturday Classes.) .................................................. Nov. 28 - 30
Final exams ........................................................................................................................................ Dec. 9 - 14

Once grades are posted they are available on the WVCPortal.

Paths to Success at West Valley College...Join a Learning Cohort!
Research has shown that being a part of a learning cohort increases a student’s chance of success. West Valley College has three learning cohorts from which you can choose. In the learning cohorts, students have an assigned counselor who is also their College Success (Counseling 5) instructor. The academic instructors work in tandem with the counselor to provide extra support in the student’s first year of college. In each cohort, supportive friendships are built as students take two or more classes with the same peer group.

<table>
<thead>
<tr>
<th>Which is the best fit for you?</th>
<th>Classes</th>
<th>Contact</th>
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</thead>
<tbody>
<tr>
<td>First Year Experience</td>
<td>Counseling 5, English 903, English 905X,</td>
<td>Gretchen Ehlers</td>
</tr>
<tr>
<td></td>
<td>English 905, English 1A, Math 903, Math 106,</td>
<td><a href="mailto:gretchen.ehlers@wvm.edu">gretchen.ehlers@wvm.edu</a></td>
</tr>
<tr>
<td></td>
<td>Math 10 and/or Math 1</td>
<td>408.741.2054</td>
</tr>
<tr>
<td>Puente – Mexican American/Latino emphasis</td>
<td>Counseling 5 and English 1A</td>
<td>Joe Bucher</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="mailto:joe.bucher@westvalley.edu">joe.bucher@westvalley.edu</a></td>
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<tr>
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<td>408.741.2614</td>
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<tr>
<td>UMOJA/Success – African American emphasis</td>
<td>Counseling 5 and English 1A</td>
<td>Philip Severe</td>
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<tr>
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<td><a href="mailto:Philip.severe@westvalley.edu">Philip.severe@westvalley.edu</a></td>
</tr>
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<td>408-741- 2493</td>
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</tbody>
</table>
ACCT 010  FINANCIAL ACCOUNTING
Advisory: MATH 902. 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. Transfer: CSU/UC.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
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<tbody>
<tr>
<td>70128</td>
<td>MW</td>
<td>8:15AM - 10:45AM</td>
<td>L Hammond</td>
<td>CHE 130</td>
<td>5.00</td>
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<tr>
<td>70130</td>
<td>MW</td>
<td>10:55AM - 1:25PM</td>
<td>R Castello-Heath</td>
<td>CHE 132</td>
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<tr>
<td>70129</td>
<td>TTh</td>
<td>8:15AM - 10:45AM</td>
<td>N Ghodrat</td>
<td>CHE 132</td>
<td>5.00</td>
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ACCT 011  ACCOUNTING FUNDAMENTALS - MANAGERIAL
Prerequisite: ACCT 010. Topics covered include basic cost concepts, job order and process cost systems, activity based costing, cost behavior, cost-volume-profit planning, profit planning and budgeting, responsibility accounting and flexible budgeting, standard costing and variance analysis, decision-making, capital expenditure budgeting, and ethical issues. Transfer: CSU/UC.

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<tr>
<td>70131</td>
<td>TTh</td>
<td>10:55AM - 1:25PM</td>
<td>N Ghodrat</td>
<td>CHE 132</td>
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<tr>
<td>70132</td>
<td>T</td>
<td>7:00PM - 9:30PM</td>
<td>T Ratchford</td>
<td>CHE 132</td>
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ADMJ 001  INTRODUCTION TO ADMINISTRATION OF JUSTICE
This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, components of the system, and current challenges to the system. The course examines the evolution of the principles and approaches utilized by the justice system and the evolving forces which have shaped those principles and approaches. Although justice structure and process is examined in a cross-cultural context, emphasis is placed on the US justice system, particularly the structure and function of US police, courts, and corrections. Students are introduced to the origins and development of criminal law, legal process, and sentencing and incarceration policies. Transfer: CSU/UC.

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<tr>
<th>Section #70223</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>72942</td>
<td>MW</td>
<td>10:55AM - 12:20PM</td>
<td>Staff</td>
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ADMJ 002  CONCEPTS OF CRIMINAL LAW
This course offers an analysis of the doctrines of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper-division criminal justice course will build. The course will also include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crimes. Transfer: CSU/UC.

<table>
<thead>
<tr>
<th>Section #70007</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>70012</td>
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<td>9:20AM - 10:45AM</td>
<td>V Castillo</td>
<td>CHE 152</td>
<td>3.00</td>
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ADMJ 003  PRINCIPLES & PROCEDURES OF THE JUSTICE SYSTEM
Advisory: ADMJ 001. 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. Transfer: CSU/UC.

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<tr>
<th>Section #71708</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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ADM 060  ACCOUNTING FUNDAMENTALS: QUICKBOOKS
Prerequisite: ACCT 050 or ACCT 010. 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. Transfer: CSU.

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<tr>
<th>Section #70237</th>
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<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>70237</td>
<td>ONLINE</td>
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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.
AMERICAN SIGN LANGUAGE

ASLA 060A  AMERICAN SIGN LANGUAGE I
This course is designed for the development of and practice in elementary American Sign Language (ASL). It offers preparation for acquiring a visual gestural language; finger spelling; vocabulary; modeling and use of basic grammatical structure. It has a focus on beginning communication skills with emphasis on comprehension. Basic cultural aspects of deafness; historical and linguistic elements of sign language are covered also. The course is taught solely in American Sign Language. Pass/No Pass Option. Transfer: CSU/UC

72354 MW  2:15PM - 4:45PM  T Meng  SARA 503  5.00
NOTE: This class meets at Saratoga High School, room 706

72094 TTh  2:45PM - 5:15PM  T Meng  BHS 5.00
NOTE: This class meets at Branham High School and enrollment is restricted to high school students only.

ANTHROPOLOGY

ANTH 001  INTRODUCTION TO PHYSICAL ANTHROPOLOGY
Anthropological study of the physical characteristics of human form from an evolutionary perspective. Pass/No Pass Option. Transfer: CSU/UC

70019 MW  9:20AM - 10:45AM  A Kindon  LASS 30  3.00

70017 TTh  12:30PM - 1:55PM  A Kindon  LASS 39  3.00

NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage.

ANTH 002  INTRODUCTION TO ARCHAEOLOGY
Study of cultures of the past: theory & methods of archaeology. Pass/No Pass Option. Transfer: CSU/UC

70032 MW  10:55AM - 12:20PM  A Kindon  LASS 30  3.00

ANTH 003  INTRODUCTION TO CULTURAL ANTHROPOLOGY
Study of the range of cultures of the world, including language, art, religion, political and ecological systems, as well as contemporary issues. Pass/No Pass Option. Transfer: CSU/UC

70035 MW  12:30PM - 1:55PM  A Kindon  LASS 30  3.00

72142 MTh  2:15PM - 3:40PM  D Homa  LGHS 302  3.00
NOTE: This class meets at Los Gatos High School and enrollment is restricted to high school students only.

70037 TTh  10:55AM - 12:20PM  A Kindon  LASS 39  3.00

NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage.

PREREQUISITES and COREQUISITES are MANDATORY because you have not met the prerequisite, see the prerequisite section of this schedule.

• Course used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
ANTH 004  INTRO TO LINGUISTIC ANTHROPOLOGY  
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. Pass/No Pass Option. Transfer: CSU/UC  
O 70042  J Otte  ONLINE  3.00  
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

ANTH 055  ANTHROPOLOGY OF MAGIC, WITCHCRAFT, AND RELIGION  
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. Transfer: CSU/UC  
O 70046  J Ulloa  ONLINE  3.00  
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

ARCHITECTURE

ARCH 043  STYLES IN ARCHITECTURE  
This course is a study of styles in architecture from pre-history to present. This course covers cultural, political, and social influences in architectural styles; a general overview of different architectural styles including each style's date of origin, its life period, main characteristics, and features; differences between similar styles, and eclecticism. This course covers also the styles of American colonial architecture. Pass/No Pass Option. Transfer: CSU/UC  
70331  T  1:30PM - 3:35PM  S Ghahramani  CIL 124  2.00

ARCH 045  ARCHITECTURAL BUILDING CODES  
This course covers the building permit process and definition of building codes as described in the International Building Code. The course emphasizes use and occupancy, special use and occupancy, building heights and areas, type of construction, fire-resistive construction, interior finishes, fire-protection systems, means of egress, accessibility, interior environment, energy efficiency, exterior walls, roof assemblies, structural provisions, building materials and systems, and existing structures. Pass/No Pass Option. Transfer: CSU/UC  
O 72529  S Ghahramani  ONLINE  3.00  
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

ARCH 046  HISTORY OF ARCHITECTURE  
This course is a study of the world history of architecture from pre-history to 1945. The course content includes the study of Roman concurrences, the triumph of Christ (early Christian architecture) to Absolutism, Bourgeoisie (European architecture 1600-1750), architecture for a new world, and Victorian Environments. Pass/No Pass Option. Transfer: CSU/UC  
N 70333  TTh  5:15PM - 6:40PM  C Clancy  CIL 131  3.00

ARCH 047  HISTORY OF MODERN ARCHITECTURE  
This course is a study of modern world architectural history from 1945 to the present. The influences of the industrial revolution and the old world in contemporary architecture are also discussed. Pass/No Pass Option. Transfer: CSU/UC  
72531  MW  9:20AM - 10:45AM  B Cox  CIL 126  3.00

ARCH 048  DIGITAL TOOLS FOR ARCHITECTURE  
Advisory: MATH 902: Arithmetic Functions and/or MATH 902P: Pre-Algebra. 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. Students should be familiar with Photoshop, InDesign or similar programs before enrolling in this course. Pass/No Pass Option. Transfer: CSU/UC  
70342  F  1:00PM - 5:10PM  R Smith  CIL 126  2.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 2:00PM - 5:10PM.

ARCH 049  INTRODUCTION TO RHINO  
This course is an introduction to Rhino. This software is designed specifically for use in architecture, landscape architecture, and interior design to focus on complex, compositional forms. This course emphasizes students’ creativity on the construction of 3D models. Pass/No Pass Option. Transfer: CSU/UC  
72100  MW  9:20AM - 12:30PM  S Ghahramani  CIL 124  3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 11:05AM - 12:30PM and W from 9:20AM - 12:30PM.

ARCH 051  ARCHITECTURAL GRAPHICS: DRAWING & SKETCHING  
This course is a study of the basic techniques of drafting and sketching as it relates to architectural graphic communication. Students have opportunities to develop visual literacy, freehand sketching techniques, and an understanding of perspective. This course also covers natural and man-made forms and basic architectural rendering. Pass/No Pass Option. Transfer: CSU/UC  
72888  MW  1:30PM - 4:40PM  S Aminianbar  CIL 126  3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 3:15PM - 4:40PM and W from 1:30PM - 4:40PM.  
70346  TTh  9:20AM - 12:30PM  A Parsano  CIL 126  3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 11:05AM - 12:30PM and Th from 9:20AM - 12:30PM.

ARCH 052  ARCHITECTURAL GRAPHICS: COLOR RENDERING  
This course is a study of three-dimensional representations using various color media as it relates to architectural and environmental graphic communication. Students have opportunities to develop visual color literacy, three-dimensional drawing techniques, and an understanding of color rendering. Additional topics include natural and human-made forms and advanced architectural color rendering. Pass/No Pass Option. Transfer: CSU/UC  
N 70392  MW  5:20PM - 8:30PM  F Javanmardian  CIL 126  3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 7:05PM - 8:30PM and W from 5:20PM - 8:30PM.

ARCH 053  INTRODUCTION TO ARCHITECTURAL AND ENVIRONMENTAL DESIGN  
This course is an overview of the field of environmental design and introduces the design process as a business or architectural decision-making. Pass/No Pass Option. Transfer: CSU/UC  
70363  MW  10:55AM - 12:20PM  B Cox  CHE 126  3.00

ARCH 056  BASIC ARCHITECTURAL DESIGN  
This course is a study of architectural design principles and methodologies. Students have the opportunity to apply these principles to studio problems of increasing complexity. Various representation techniques are utilized, including sketching, manual graphics and rendering, computer graphics, and architectural model making. Pass/No Pass Option. Transfer: CSU/UC  
N 71725  TTh  6:50PM - 10:00PM  C Clancy  CIL 126  3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 8:35PM - 10:00PM and Th from 6:50PM - 10:00PM.

ARCH 058  INTRODUCTION TO REVIT ARCHITECTURE  
This course is an introduction to Autodesk: Revit Architecture - software specifically designed for use by architecture, landscape architecture, interior design, and civil engineering professionals. This course emphasizes the construction of 3D models. Pass/No Pass Option. Transfer: CSU/UC  
70373  TTh  9:20AM - 12:30PM  S Ghahramani  CIL 124  3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 11:05AM - 12:30PM and Th from 9:20AM - 12:30PM.

ARCH 059  3D STUDIO MAX: 3D RENDERING  
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. Transfer: CSU/UC  
72532  F  9:20AM - 3:45PM  I Jubes  CIL 124  3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 11:05AM - 3:45PM.
ARCH 061 ARCHITECTURAL DESIGN 1
Prerequisite: ARCH 056. 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 through 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. Transfer: CSU/UC
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 7:05PM - 8:30PM and W from 5:20PM - 6:30PM.

ARCH 062 ARCHITECTURAL DESIGN 2
Prerequisite: ARCH 061. This course is an architectural design studio. It covers human, social, technical, and aesthetic factors related to space and form. Additional topics include designing as a conceptual discipline directed at the analysis, interpretation, synthesis, analyses of precedents, and transformation of the physical environment. Exercises are aimed at developing an understanding of the issues, elements, and processes of structural and environmental design. Students have the opportunity to develop their architectural creativity by use of software such as Rhino, SketchUp, and Revit. Pass/No Pass Option. Transfer: CSU/UC
72096 MW 2:05PM - 5:15PM S Ghahramani CIL 124 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 3:50PM - 5:15PM and W from 2:05PM - 5:15PM.

ARCH 063 ARCHITECTURAL DESIGN 3
Prerequisite: ARCH 062. This course is an advanced architectural design studio. Students have the opportunity to develop an understanding of context and precedent in the construction of architectural form, and are introduced to contextual and grammatical design principles and the transformation of the physical environment. Students have the opportunity to develop their architectural creativity by use of software such as Rhino, SketchUp, and Revit. Pass/No Pass Option. Transfer: CSU/UC
72097 MW 2:05PM - 5:15PM S Ghahramani CIL 124 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 3:50PM - 5:15PM and W from 2:05PM - 5:15PM.

ARCH 072 HISTORY OF LANDSCAPE ARCHITECTURE
This course is a study of world landscape architectural history from prehistory to the present. Pass/No Pass Option. Transfer: CSU/UC
O 72534 T Eddy ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

ARCH 076 LANDSCAPE CONSTRUCTION TECHNOLOGY
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. Transfer: CSU
72536 TTh 2:05PM - 4:35PM A Parsano CIL 126 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:10PM - 4:35PM.

ARCH 081 LANDSCAPE PLANTS: SUMMER & AUTMNN
This course is a study of ornamental trees, vines, and ground-covers during the summer and autumn seasons. Emphasis is placed on growth habits, cultural requirements, maintenance, suitability for landscape use, and the ecology of plant communities. Pass/No Pass Option. Transfer: CSU/UC
N 72537 TTh 5:15PM - 7:45PM T Eddy CIL 124 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 6:20PM - 7:45PM.

ART ARTS

ARTS 001A SURVEY OF WESTERN ART I
This course is a general survey of painting, sculpture, and architecture in the western world from prehistoric to Gothic. Pass/No Pass Option. Transfer: CSU/UC
72079 TTh 10:55AM - 12:20PM K Mencher CIL 113 3.00
C Napoli Reiss ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

ARTS 001B SURVEY OF WESTERN ART II
This course is a general survey of painting, sculpture, and architecture in the western world from the Renaissance to the present. Pass/No Pass Option. Transfer: CSU/UC
72910 MW 10:55AM - 12:20PM C Napoli Reiss CIL 131 3.00

ARTS 001D HONORS ART OF THE 20TH CENTURY
Honors Art of the 20th Century uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course is a survey of painting, sculpture and architecture in the western world from the impressionists to the present day. This is an information competency infused course. Pass/No Pass Option. Transfer: UC/CSU
72882 MW 10:55AM - 12:20PM C Napoli Reiss CIL 131 3.00
NOTE: You must be an Honors student to register for this course. For information about joining the Honors program, please go to westvalley.edu/honors.
ARTS 010  AMERICAN ART: A MULTICULTURAL APPROACH
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. Transfer: CSU/UC
O 70897  K Arnold  ONLINE  3.00
SECTION #70897 BEGINS 10/14/19 CLASS ENDS 12/03/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/learnschedule/ for class and instructor contact information.

ARTS 012A  ART OF PRE-HISPANIC MEXICO
This course is a general survey of painting, sculpture and architecture from the main civilizations of Pre-Hispanic Mexico. Pass/No Pass Option. Transfer: CSU/UC
O 70898  C Napoli Reiss  ONLINE  3.00
SECTION #70898 BEGINS 10/14/19 CLASS ENDS 12/03/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/learnschedule/ for class and instructor contact information.

ARTS 031A  BEGINNING DRAWING
This is a beginning drawing course for students with no former drawing experience. Students draw natural and human-made forms from observation directed toward realistic rendering of objects. Students receive an introduction to pictorial composition and perspective and an introduction to drawing media: pencil, charcoal, conte, and pen and ink. Studio practice emphasizes basic shading principles, techniques and development of “line” qualities of graphic presentation. Students have the opportunity to learn skills, which enable them to develop an aesthetic vocabulary leading to independent critical judgment. Pass/No Pass Option. Transfer: CSU/UC
H 70899  K Arnold  ONLINE  3.00
+ LAB  MW  8:45AM - 10:45AM  K Arnold  CIL 115  3.00
NOTE: This is a HYBRID course that meets weekly IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.
70901  MW  10:55AM - 2:00PM  G Tolomei  ART 38  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 11:55AM - 2:00PM.
70902  TTh  10:55AM - 2:00PM  R Guzman  CIL 115  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 11:55AM - 2:00PM.
70900  TTh  2:10PM - 5:15PM  H Brueckner  ART 38  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:10PM - 5:15PM.

ARTS 031B  EXPRESSIVE DRAWING
Advisory: ARTS 031A. 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. Transfer: CSU/UC
71672  TTh  10:55AM - 2:00PM  G Tolomei  ART 9  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 11:55AM - 2:00PM.

ARTS 031C  REPRESENTATIONAL DRAWING
In this course, students render a physical likeness of three-dimensional forms using black and white media. Pass/No Pass Option. Transfer: CSU/UC
N 72050  TTh  5:00PM - 8:25PM  H Chen  ART 9  3.00
SECTION #72050 BEGINS 09/30/19 CLASS ENDS 12/06/19
NOTE: This is a LATE START course. Class meeting time is for the lecture and lab. Lab portion meets TTh from 6:15PM - 8:25PM.

ARTS 033A  TWO-DIMENSIONAL DESIGN
This course offers an introduction to the principles, elements, and terminology of two-dimensional design. A wide variety of media will be used. Pass/No Pass Option. Transfer: CSU/UC
70903  MW  2:10PM - 5:15PM  R Guzman  CIL 115  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:10PM - 5:15PM.

ARTS 033B  BEGINNING LIFE DRAWING
This class gives the student the opportunity to study the fundamentals of the human figure by drawing from life in a variety of black and white media. Pass/No Pass Option. Transfer: CSU/UC
72491  WF  10:55AM - 4:45PM  M Niven  CIL 123  3.00
SECTION #72491 BEGINS 09/30/19 CLASS ENDS 12/06/19
NOTE: Class meeting time is for the lecture and lab. Lab portion meets WF from 12:55PM - 4:45PM.
O 71677  J Challas  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/learnschedule/ for class and instructor contact information.

ARTS 033C  COLOR DESIGN
Advisory: ARTS 033A. Students have the opportunity to refine their basic design skills and use of color concepts based on theory. Projects focus on color attributes such as hue, value, intensity, weight, distance, temperature, color schemes, and color interaction. Pass/No Pass Option. Transfer: CSU/UC
71675  MW  10:55AM - 2:00PM  M Nobriga  ART 9  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 11:55AM - 2:00PM. This course combines traditional and digital design methods. It is offered for individuals who intend to enter the computer art, design and animation fields.
O 72499  J Challas  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/learnschedule/ for class and instructor contact information.

ARTS 035A  BEGINNING LIFE DRAWING
This class gives the student the opportunity to explore an expanded variety of drawing media used in combination 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. Transfer: CSU/UC
70904  MW  10:55AM - 2:00PM  R Guzman  CIL 115  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 11:55AM - 2:00PM.

ARTS 035C  INTERMEDIATE-ADVANCED LIFE DRAWING
Advisory: ARTS 035B. This course gives students the opportunity to explore an expanded variety of drawing media used in combination 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. Transfer: CSU/UC
N 70906  TTh  6:15PM - 9:20PM  C Sicat  ART 9  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 7:15PM - 9:20PM.

ARTS 047A  BEGINNING WATERCOLOR
In this class, students are introduced to basic techniques and applications of traditional materials associated with painting in aqueous media. Pass/No Pass Option. Transfer: CSU/UC
72083  TTh  10:55AM - 2:00PM  C Sicat  V 16  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 11:55AM - 2:00PM.
ARTS 047B INTERMEDIATE WATERCOLOR
In this class students have the opportunity to refine their technical skills associated with watercolor and related aqueous media. The focus of this class is on paint handling, using appropriate compositional structure and color necessary to the development of a personal style. Pass/No Pass Option. Transfer: CSU/UC
72494 TTh 2:10PM - 5:15PM C Sicat ART 9 3.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:10PM - 5:15PM.

ARTS 047C INTERMEDIATE-ADVANCED WATERCOLOR
In this class students are introduced to alternative painting surfaces, materials and procedures in combination with traditional watercolor and aqueous media approaches. This class emphasizes advanced theories of color and composition. Further evolution of a personal style is encouraged in this class in combination with art historical research. Pass/No Pass Option. Transfer: CSU/UC
72885 TTh 2:10PM - 5:15PM C Sicat ART 9 3.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:10PM - 5:15PM.

ARTS 047D ADVANCED WATERCOLOR
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 painted-oriented research, writing, and verbal appraisals. Pass/No Pass Option. Transfer: CSU/UC
72496 TTh 2:10PM - 5:15PM C Sicat ART 9 3.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:10PM - 5:15PM.

ARTS 049A BEGINNING PAINTING
Advisory: ARTS 031A and ARTS 033A. This course is an introduction to basic processes and elements of painting techniques, materials, and tools. Pass/No Pass Option. Transfer: CSU/UC
70314 TTh 10:55AM - 2:00PM H Brueckner ART 38 3.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 11:55AM - 2:00PM.

ARTS 049B INTERMEDIATE PAINTING
Advisory: ARTS 049A. In this course refinement of basic painting skills, paint handling, structure and volume, perspective, composition, and color theory are studied. Pass/No Pass Option. Transfer: CSU/UC
70315 TTh 2:10PM - 8:40PM H Brueckner ART 38 3.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 4:20PM - 8:40PM.

ARTS 049C INTERMEDIATE-ADVANCED PAINTING
Advisory: ARTS 049B. In this course personal style in painting is explored through studio practice and research. Pass/No Pass Option. Transfer: CSU/UC
70316 W 2:10PM - 8:40PM H Brueckner ART 38 3.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 4:20PM - 8:40PM.

ARTS 049D ADVANCED PAINTING
Advisory: ARTS 049C. In this course students refine and demonstrate personal artistic direction in a cohesive portfolio supported by written and verbal analysis. Pass/No Pass Option. Transfer: CSU/UC
71500 W 2:10PM - 8:40PM H Brueckner ART 38 3.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 4:20PM - 8:40PM.

ARTS 055 INTRODUCTION TO COMPUTER ARTS
This course provides students with an opportunity to explore fundamental theories and methods of creating Computer Art and the impact of technology on 20th century art production. It introduces students to digital imaging, digital video/animation and interactive authoring which utilizes hands-on contemporary art strategies. Transfer: CSU/UC
72493 MW 2:30PM - 5:35PM M Nobriga FOX 104 3.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:35PM - 5:35PM.
70313 J Challas ONLINE 3.00 NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

ARTS 057A ANIMATION I
This course provides students with a comprehensive introduction to the production of computer generated art imagery. It covers fundamental modeling techniques, texture mapping, lighting, rendering, and basic animation concepts. Transfer: CSU/UC
70908 MW 10:55AM - 2:05PM C Cryer CIL 120 4.00 NOTE: This course uses Autodesk MAYA on the Macintosh platform. Class meeting time is for the lecture and lab. Lab portion meets MW from 12:40PM - 2:05PM.
72051 TTh 10:55AM - 2:05PM C Cryer CIL 120 4.00 NOTE: This course uses MAYA 2018 on the Macintosh platform. Class meeting time is for the lecture and lab. Lab portion meets TTh from 12:40PM - 2:05PM.

ARTS 057B ANIMATION II
Prerequisite: ARTS 057A. This course provides students with the opportunity to develop intermediate computer generated imaging (CGI) skills. Topics include mechanical and organic modeling, UV mapping and shading, best practices for lighting with default render engines, basic bi-pedal character rigs, rendering parameters for basic editing. Transfer: CSU/UC
70909 MW 2:10PM - 5:15PM C Cryer CIL 120 4.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:50PM - 5:15PM.

ARTS 057C ANIMATION III
Prerequisite: ARTS 057B. This course provides students with the opportunity to develop intermediate to advanced computer generated imaging (CGI) skills. Topics include realistic organic modeling and UV mapping, multi-node shading networks, photo-real lighting environments, advanced rigging set-up and animation techniques, including dynamic simulations, rendering and editing. Transfer: CSU/UC
72886 MW 2:10PM - 5:15PM C Cryer CIL 120 4.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:50PM - 5:15PM.

ARTS 062A BASIC PHOTOGRAPHY
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. Transfer: CSU/UC
71501 MW 10:55AM - 2:00PM D Fenstermacher V 13 3.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 11:55AM - 2:00PM.
72911 TTh 9:20AM - 1:40PM D Fenstermacher V 13 3.00 SECTION #71502 BEGINS 09/17/19 CLASS ENDS 12/05/19 NOTE: This is a LATE START course. Class meeting time is for the lecture and lab. Lab portion meets TTh from 10:50AM - 1:40PM.
71503 S Arena ONLINE 3.00 NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

ARTS 062B INTERMEDIATE PHOTOGRAPHY
Advisory: PHOTO 101 or ARTS 062A. 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. Transfer: CSU/UC
71758 TTh 2:10PM - 5:15PM D Fenstermacher V 13 3.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:10PM - 5:15PM.
**ARTS 065A CERAMICS-HANDBUILDING**
This course is an introduction to two- and three-dimensional ceramic design, focusing on clay compositions, decoration techniques and hand-building techniques. This course includes art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students an opportunity to develop awareness and vocabulary leading to critical thinking and exploration of the physical properties of clay for creative expression. Pass/No Pass Option. Transfer: CSU/UC
70910 MW 2:10PM - 5:15PM M Fabian ART 32 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:10PM - 5:15PM.

**ARTS 065B CERAMICS-HANDBUILDING II**
Advisory: ARTS 065A. This is an intermediate course in ceramics hand-building techniques, kilns, clay body construction, and ceramic decorative effects. The course includes further development of 3-D design concepts, self-expression, as well as art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students the opportunity to develop a critical awareness and vocabulary leading to independent critical thinking. Pass/No Pass Option. Transfer: CSU/UC
72049 TTh 9:15AM - 12:20PM M Rain ART 32 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 10:15AM - 12:20PM.

**ARTS 065C CERAMICS-HANDBUILDING III**
Advisory: ARTS 065B. This advanced course explores additional course content and further develops artistic skills including large-scale building, slip-casting, organic burn-out, and various firing techniques. The course gives students an opportunity to develop a critical awareness and vocabulary leading to independent critical thinking. Pass/No Pass Option. Transfer: CSU/UC
72048 TTh 9:15AM - 12:20PM M Rain ART 32 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 10:15AM - 12:20PM.

**ARTS 065D ADVANCED HANDBUILT CERAMICS IV**
Advisory: ARTS 065C. This advanced course focuses on clay formulations, multi-part slip casting, kiln firing, and creating a consistent body of work with a focus on content and aesthetic. The course gives students an opportunity to develop a critical awareness and vocabulary leading to independent critical judgment. Pass/No Pass Option. Transfer: CSU/UC
72078 TTh 9:15AM - 12:20PM M Rain ART 32 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 10:15AM - 12:20PM.

**ARTS 067A CERAMICS-POTTER'S WHEEL**
This course is an introduction to wheel throwing and decoration techniques. This course includes vocabulary and art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students an opportunity to develop awareness and vocabulary leading to critical thinking and exploration of the physical properties of clay for functional ware and creative expression. Pass/No Pass Option. Transfer: CSU/UC
70912 MW 9:15AM - 12:20PM Staff ART 32 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 10:15AM - 12:20PM.

**ARTS 067B CERAMICS-POTTER'S WHEEL**
Advisory: ARTS 067A. This wheel throwing course directed toward refinement of skills on the wheel, complex thrown ceramics ware, and a combination of hand built and wheel thrown forms. This course includes vocabulary and art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students an opportunity to develop awareness and vocabulary leading to critical thinking and exploration of the physical properties of clay for functional ware and creative expression. Pass/No Pass Option. Transfer: CSU/UC
72497 TTh 2:10PM - 5:15PM S Rios ART 32 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:10PM - 5:15PM.

**ARTS 068I 3-DIMENSIONAL DESIGN**
This course focuses on theory and application of three-dimensional form in visual art and design. It provides studio practice in the fundamental elements and principles of designing objects in 3-dimensions. A variety of media is used. Pass/No Pass Option. Transfer: CSU/UC
70914 MW 9:15AM - 12:20PM M Fabian ART 30 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 10:15AM - 12:20PM.
72492 F 9:15AM - 3:30PM Staff ART 30 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 11:15AM - 3:30PM.

**ARTS 068B SCULPTURE**
This course further explores sculptural techniques in casting, mixed media, wood-working, metal fabrication, and installation. Contemporary and historical art movements and concepts are discussed. This course gives students an opportunity to develop critical awareness and vocabulary leading to independent critical thinking. Pass/No Pass Option. Transfer: CSU/UC
70926 TTh 10:55AM - 2:00PM M Fabian ART 30 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 11:55AM - 2:00PM.

**ARTS 095 NEW MEDIA AND SOCIAL CHANGE**
This course investigates how web-based technologies, internet multi-media, and photography have assisted in causing social change around the world through image. Pass/No Pass Option. Transfer: CSU/UC
72498 TTh 12:30PM - 1:55PM K Mencher CIL 131 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

**ASTRONOMY**

**ASTR 005 PLANETARIUM ASTRONOMY**
Naked eye astronomy is taught using the planetarium as a space simulator and teaching tool. Students have the opportunity to find and recognize northern hemisphere constellations and identify their brightest stars. The motion of the starry skies including celestial viewing of moon and planets is studied. Telescopes and methods of analyzing starlight are introduced. A brief history of astronomy from an earth centered to expanding universe view is presented. Planetarium astronomy makes use of our campus planetarium and visit(s) to Bay Area planetarium(s). This class is also useful to prospective teachers and youth leaders. Pass/No Pass Option. Transfer: CSU
N 71856 M 6:00PM - 8:05PM B Mandelsohn SM 30A 2.00

**ASTR 014 LIFE IN THE UNIVERSE**
This course considers the origin and evolution of life on Earth and the possibility of life elsewhere in the Universe. We study the chemical basis for life, the limits of life on earth, look for the markers of life in other places in the solar system and examine the possibilities for life outside of the solar system. Pass/No Pass Option. Transfer: CSU
71857 TTh 9:20AM - 10:45AM R Mastaupa SM 48 3.00

**ASTR 020 FAMILY OF THE SUN**
This is an introductory course in astronomy for the non-science major. Topics include study of the night sky and the motions of the objects in the heavens as seen from Earth, examination of the structure and behavior of the Solar System and its contents, planetary geology, planetary atmospheres, the search for other solar systems and the possibility of the existence of extraterrestrial life. Laboratory work includes observation and application of concepts discussed in lectures, computer simulations, planetarium simulations, and field work. Pass/No Pass Option. Transfer: CSU/UC
71858 MW 2:05PM - 3:30PM D Epperson SM 30A 4.00
+ LAB MW 3:40PM - 5:05PM D Epperson SM 48

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**CLASS INFORMATION — Fall 2019**

<table>
<thead>
<tr>
<th>CLASS</th>
<th>DAYS/TIME</th>
<th>INSTRUCTOR</th>
<th>CODE</th>
<th>DEPT</th>
<th>DIVISION</th>
<th>UNITS</th>
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<td>+ LAB MW 3:40PM - 5:05PM</td>
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ASTR 021 LIFESTYLES OF THE STARS
This is an introductory course in astronomy for the non-science major. Topics include study of the night sky and the motions of the objects in the heavens as seen from Earth, study of the birth, life and death of stars including Einstein's theory of relativity as applied to black holes. Laboratory work includes observation and application of concepts discussed in lectures, computer simulations, planetarium simulations, and field work. Pass/No Pass Option. Transfer: CSU/UC

71487 T 2:05PM - 3:30PM B Mendelsohn SM 30A 4.00
+ LAB T 3:40PM - 5:05PM B Mendelsohn SM 48

ASTR 022 FROM BIG BANG TO BLACK HOLES
This is an introductory course examining the nature and history of the Universe. What were the earliest moments of the Universe like? How did the early Universe evolve into the large scale structure we observe today and how will it continue to evolve in the future? Pass/No Pass Option. Transfer: CSU/UC

70915 MW 9:20AM - 10:45AM T Bode SM 48 3.00

AVIATION

AVIA 030A AVIATION - PILOT GROUND SCHOOL
The course provides the background required by the FAA for subject areas including: aerodynamics, aircraft performance, navigation, weather, and aviation regulations leading to pilot certification.

O 71481 B Mendelsohn ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elelearning/schedule for class and instructor contact information.

AVIA 030B INTRODUCTION TO UNMANNED AIRCRAFT SYSTEMS
This course covers the foundations of unmanned aerial systems, including history, UAS systems, payloads, data links, ground support equipment, classes of UAS systems, categories, applications, mission planning and control and recovery systems.

N 71482 T 6:30PM - 9:40PM C Cruz CIL 113 3.00

BIOLOGY

BIOI 002 ENVIRONMENTAL BIOLOGY
This survey course provides a foundation in environmental issues such as global warming, overfishing, endangered species, human population growth, habitat destruction, energy usage, air and water pollution, resource usage as well as over-consumption in an effort to build sustainable solutions towards solving these problems. Transfer: CSU/UC

70977 MW 2:05PM - 3:30PM M Geary SM 33 3.00
O 70978 P Svensson ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elelearning/schedule for class and instructor contact information.

BIOI 002L ENVIRONMENTAL BIOLOGY LABORATORY
Co-Requisite or Prerequisite: BIOI 002. This course is an introduction to methods and analysis in environmental biology in both laboratory and field settings. It includes an introduction to and applications of the scientific method. Principles of ecology, environmental science, sustainability are explored.

72560 F 9:20AM - 12:30PM M Geary SM 50 1.00

BIOI 010 INTRODUCTION TO BIOLOGY
Co-requisite: BIOI 010L. 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. UC/CSU will accept credit for only one course, Bio 10 or Bio 11, not both. Transfer: CSU/UC

70911 MW 7:45AM - 9:10AM B Thomson SM 36 3.00
NOTE: All students who enroll in this lecture section must also enroll in a BIOI 010L lab.

70913 MW 9:20AM - 10:45AM C Stanton SM 36 3.00
NOTE: All students who enroll in this lecture section must also enroll in a BIOI 010L lab.

71489 MW 12:30PM - 1:55PM M Schrey SM 36 3.00
NOTE: All students who enroll in this lecture section must also enroll in a BIOI 010L lab.

BIOI 011 HUMAN BIOLOGY
This is an introductory biology course that uses humans as the model for understanding and applying the principles and concepts of biology. A passing grade in both the lecture and the laboratory is required to receive credit for the course. Note: UC will accept credit for only one course, BIOI 010 or BIOI 011, not both. West Valley College will only allow students to take BIOI 010 or BIOI 011/011H, not both. Transfer: CSU/UC

70921 TTh 9:20AM - 10:45AM L Gallardo SM 36 3.00
NOTE: All students who enroll in this lecture section must also enroll in a BIOI 010L lab.

70918 TTh 10:55AM - 12:20PM L Gallardo SM 36 3.00
NOTE: All students who enroll in this lecture section must also enroll in a BIOI 010L lab.

70919 T 6:30PM - 9:40PM R Berlani SM 36 3.00
NOTE: All students who enroll in this lecture section must also enroll in a BIOI 010L lab.

BIOI 010L INTRODUCTION TO BIOLOGY LAB
Co-requisite: BIOI 010. 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. Transfer: CSU/UC

70920 M 10:55AM - 2:05PM B Thomson SM 51 1.00
NOTE: All students who enroll in this lab section must also enroll in a BIOI 010 lecture.

70921 M 2:10PM - 5:20PM J Holl SM 51 1.00
NOTE: All students who enroll in this lab section must also enroll in a BIOI 010 lecture.

70922 T 10:55AM - 2:05PM C Hackworth SM 51 1.00
NOTE: All students who enroll in this lab section must also enroll in a BIOI 010 lecture.

70923 T 2:10PM - 5:20PM C Hackworth SM 51 1.00
NOTE: All students who enroll in this lab section must also enroll in a BIOI 010 lecture.

70924 W 9:20AM - 12:30PM R Berlani SM 51 1.00
NOTE: All students who enroll in this lab section must also enroll in a BIOI 010 lecture.

70925 W 12:35PM - 3:45PM R Berlani SM 51 1.00
NOTE: All students who enroll in this lab section must also enroll in a BIOI 010 lecture.

72565 W 3:50PM - 7:00PM M Schrey SM 51 1.00
NOTE: All students who enroll in this lab section must also enroll in a BIOI 010 lecture.

70927 Th 12:35PM - 3:45PM A Frisbee SM 51 1.00
NOTE: All students who enroll in this lab section must also enroll in a BIOI 010 lecture.

70929 F 9:20AM - 12:30PM P Svensson SM 51 1.00
NOTE: All students who enroll in this lab section must also enroll in a BIOI 010 lecture.

70928 Th 6:30PM - 9:40PM A Frisbee SM 51 1.00
NOTE: All students who enroll in this lab section must also enroll in a BIOI 010 lecture.

BIOI 013 NATURAL HISTORY OF CALIFORNIA
This course for non-majors explores the ecology of California plant and animal communities. The course includes class discussion followed by field trip(s) to selected regions of California. 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. Transfer: CSU/UC

71796 Th 2:05PM - 4:10PM L Gallardo SM 56 3.00
+ LAB Th 2:05PM - 5:15PM L Gallardo SM 56
BIOL 018  MARINE BIOLOGY
This non-majors course surveys the biological principles of marine science. It provides an overview of the oceanic environment and examines the diversity of marine life, basic ecological principles, major ocean ecosystems and marine conservation issues. Local marine flora and fauna of the San Francisco and Monterey Bay are surveyed in laboratory and field studies. Transfer: CSU/UC
70960 MW 9:20AM - 10:45AM Jolly SM 35 4.00
+ LAB F 9:20AM - 12:30PM Jolly SM 56

BIOL 022  GENETICS
This general education course is primarily for the non-science major. This is an introduction to the basic principles and concepts of heredity and their application to plants and animals, with emphasis on the heredity process, pedigrees, mutation, medical genetics, recombinant DNA, biotechnology genetics and population genetics. Transfer: CSU/UC
70961 MW 9:20AM - 12:30PM Schrey SM 52 4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 9:20AM - 12:30PM.

BIOL 023  INTRODUCTION TO INFECTIOUS DISEASES
This introductory biology course explores infectious diseases, parasites, and human immunity. The course begins with a survey of infectious disease agents, including emerging pathogens, agents of bio-terrorism, and newer complications seen in ancient diseases. The course continues by examining how the human immune system responds to these infections and helps students interpret epidemiological patterns of disease in human populations. Transfer: CSU/UC
O 70962 C Hackworth ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

BIOL 036  ANIMAL BEHAVIOR
Have you ever wondered why animals behave the way they do? This course will explore different aspects of animal behavior ranging from the hardships of growing up, capturing food, establishing territory, migrating, finding your way, communicating, making homes, competing for mates, courting, sex, taking care of offspring to the complex social behavior found in many animals. Transfer: CSU/UC
71750 TTh 2:05PM - 3:30PM Svensson SM 35 3.00

BIOL 037  EVOLUTION - LIFE ON EARTH
This course is an introduction to the history of life on earth as well as the theory of evolution. Transfer: CSU/UC
O 70964 P Svensson ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

BIOL 041  PRINCIPLES OF ANIMAL BIOLOGY
Prerequisites: BIOL 010 or BIOL 011 or equivalent high school Biology course and MATH 106 or 106R. Advisory: BIOL 043. Principles and concepts of animal biology through the comprehensive study of the diversity, ecology, evolution, structure, physiology, and natural history of animals. Transfer: CSU/UC
70965 TTh 12:30PM - 1:55PM P Svensson SM 33 5.00
+ LAB TTh 9:20AM - 12:30PM P Svensson SM 56
NOTE: Successful completion of this course requires basic algebra knowledge (Math 106).

BIOL 042  PRINCIPLES OF PLANT BIOLOGY
Prerequisite: MATH 106 or 106R. Advisory: BIOL 043. This course for biology majors surveys basic principles of the plant sciences by examining all levels of biological organization. It provides an overview of plant diversity, ecology, evolution, morphology, anatomy, physiology, and biochemistry. In addition to plants, fungi, algae, and cyanobacteria are also examined. 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. Transfer: CSU/UC
70966 MW 9:20AM - 10:45AM Geary SM 33 5.00
+ LAB MW 10:55AM - 2:05PM M Geary SM 56
NOTE: Successful completion of this course requires basic algebra knowledge (Math 106).

BIOL 043  PRINCIPLES OF CELL BIOLOGY
Prerequisites: CHEM 001A, MATH 106 or MATH 106R, and BIOL 010, BIOL 011, or Successful completion of any college Biology course. A comprehensive course in cell biology, including the principles of cell chemistry and metabolism, structure and function of proaryotic and eucaryotic cells and viruses, molecular genetics, genetic engineering, and hypotheses of the origin of life. Transfer: CSU/UC
70967 TTh 7:40AM - 9:05AM Bertani SM 33 5.00
+ LAB TTh 9:15AM - 12:25PM R Bertani SM 57
NOTE: Successful completion of this course requires basic algebra knowledge (Math 106).

BIOL 045  MICROBIOLOGY
Prerequisites: BIOL 010 or BIOL 011 or successful completion of any college biology course; and CHEM 002 or CHEM 001A or CHEM 030A or successful completion of any college chemistry course. This course is an introduction to bacteria, viruses, algae, fungi, and protozoa and their relationship to human life and health. The laboratory emphasizes the morphology, culture, and biochemistry of microorganisms. This course is designed for nursing and other majors in the health sciences. This is an information competency infused course. Transfer: CSU/UC
70968 MW 10:55AM - 12:20PM Hackworth FOX 120 5.00
+ LAB MW 7:40AM - 10:50AM C. Hackworth SM 57
NOTE: Successful completion of this course requires basic algebra knowledge (Math 106).

BIOL 047  HUMAN ANATOMY
Prerequisite: BIOL 10 or BIOL 11 or successful completion of an equivalent high school general Biology course. (Course should include an overview of cellular structure, cellular function, cell division and the scientific method.) This course for health professionals covers the principles and concepts of human anatomy through the comprehensive study of the gross and microscopic structure of the human body. Lab consists of human cadaver examination, specimen dissection, and microscopic examination of human tissues. Transfer: CSU/UC
70972 MW 2:05PM - 3:30PM Norris SM 36 5.00
+ LAB MW 10:55AM - 2:05PM Norris SM 58
70973 MW 2:05PM - 3:30PM Norris SM 36 5.00
+ LAB MW 3:45PM - 6:55PM Norris/Anderson SM 58
70970 TTh 10:55AM - 12:20PM Anderson FOX 120 5.00
+ LAB TTh 7:40AM - 10:50AM Anderson SM 58
70971 TTh 10:55AM - 12:20PM Anderson FOX 120 5.00
+ LAB TTh 12:50PM - 4:00PM Anderson SM 58
N 72566 TTh 5:45PM - 7:10PM Norris SM 35 5.00
+ LAB TTh 7:15PM - 10:25PM Norris SM 58

BIOL 048  HUMAN PHYSIOLOGY
Prerequisites: BIOL 047; CHEM 002 or CHEM 030A or CHEM 001A. Principles and concepts of physiology through comprehensive study of the regulation, cellular function, and integration of the major organ systems of the human body. Transfer: CSU/UC
70974 TTh 7:45AM - 9:10AM Stanton SM 36 5.00
+ LAB TTh 9:20AM - 12:30PM C. Stanton SM 52
NOTE: Successful completion of this course requires basic algebra knowledge (Math 106).
BUSINESS

BUSN 006 NEGOTIATION PRINCIPLES
This class helps students plan for negotiating situations that arise in business environments. Students are introduced to the negotiating process through the study of written materials, classroom discussions, and role-playing. Emphasis is placed on understanding communication dynamics, defining goals, establishing tactics, assessing one’s bargaining power, and resolving disagreements and conflicts. Through one-on-one and group role-playing, students have hands on experience gaining negotiating skills. This class also discusses ethical issues arising in negotiations and negotiating in a cross-cultural context. This class is one of the classes needed to obtain a Certificate in Project Management. Pass/No Pass Option. Transfer: CSU/UC
 SECTION 72062 T 6:00PM - 9:00PM M. Burke CHE 130 3.00

BUSN 015 THE ENTREPRENEURAL MINDSET
The Entrepreneurial Mindset course analyzes social and business entrepreneurs throughout history and around the world. Students are encouraged to develop their own personal "entrepreneurial mindset" approaches for achieving their goals and aspirations. Pass/No Pass Option. Transfer: CSU
 SECTION 70282 TTh 9:20AM-10:45AM E Cappello CHE 124 3.00 SECTION 72097 TTh 10:55AM-12:20PM Shoemaker CHE 123 3.00

BUSN 026 BUSINESS LAW
This 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. Pass/No Pass Option. Transfer: CSU/UC
 SECTION 70329 MW 10:55AM-12:20PM Shoemaker CHE 123 3.00

BUSN 034 HUMAN RESOURCE MANAGEMENT
This course is an in-depth study of human resources management in public and private organizations. Specific areas of human resource management to be studied are: the principles and methods involved in recruitment, selection, and placement of employees; affirmative action programs, training and development; performance appraisals; compensation and benefits; legal aspects of human resources administration; and government regulations and statutes. Pass/No Pass Option. Transfer: CSU
 SECTION 70292 T 6:30PM-9:40PM J Foster CHE 120 3.00

BUSN 043 INTRODUCTION TO G-SUITE CLOUD-BASED SOFTWARE
This course introduces students to the G-Suite cloud-based software, which includes Google Docs, Sheets, and Slides. Students have the opportunity to learn the basic functionality of each. Pass/No Pass Option. Transfer: CSU
 SECTION 72844 TTh 12:30PM-2:00PM Shoemaker CHE 123 3.00

BUSN 046 EXCELLENT WITH EXCEL
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. Transfer: CSU
 SECTION 73138 TTh 10:55AM-12:20PM Shoemaker CHE 123 3.00
BUSN 046B  BEGINNING SPREADSHEETS: MICROSOFT EXCEL
This course provides the students with the opportunity to learn the capabilities of a spreadsheet program. Students have the opportunity to create spreadsheet formats, enter text data and formula expressions; store, retrieve, copy and print spreadsheets. Creating graphic representations of data and an introduction to macro capabilities are covered. Pass Only. Transfer: CSU
W 72377  S 8:15AM - 5:15PM S Georgiou CHE 121 1.00
SECTION #72377 BEGINS 11/16/19 CLASS ENDS 11/23/19

BUSN 051  INTRODUCTION TO BUSINESS
This business survey course provides an overview of the various areas of concentration business majors can pursue. The course covers topics such as globalization, human resources, marketing, leadership, information technology, accounting, personal finance, legal issues, and operations management. The course also examines how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business. Pass/No Pass Option. Transfer: CSU/UC
70300  MW 9:20AM - 10:45AM D Felder CHE 139 3.00
70297  MW 12:30PM - 1:55PM P Fakoor CHE 124 3.00
70296  TTh 9:20AM - 10:45AM L Shoemaker CHE 123 3.00
70298  TTh 10:55AM - 12:20PM Bailey CHE 124 3.00
72918  TTH 2:30PM - 3:55PM T Forman LHS 3.00
NOTE: This class meets at Leigh High School and enrollment is restricted to high school students only.
N 72320  Th 6:30PM - 9:40PM S Cash CHE 130 3.00
O 70303  ONLINE N Maloney ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
O 72391  E Cappello ONLINE 3.00
SECTION #72391 BEGINS 08/24/19 CLASS ENDS 10/18/19
NOTE: This is a Short Term course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
O 70301  J Henderson ONLINE 3.00
SECTION #70301 BEGINS 10/21/19 CLASS ENDS 12/14/19
NOTE: This is a late start class. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

BUSN 054  SMALL BUSINESS START UP AND MANAGEMENT
This introductory course is designed to 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, partnership, 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. Transfer: CSU
70304  TTh 10:55AM - 12:20PM Cappello CHE 120 3.00
O 70698  K Schock ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

BUSN 056  MARKETING PRINCIPLES
This course gives students the opportunity to develop an overall understanding of marketing functions and their role in society. This course covers various activities involved in the transfer of goods from producer to consumer. Retail, wholesale, industrial, and online marketing channels and institutions are investigated. The marketing concept, promotional strategies, pricing policies, and international marketing are also explored. Pass/No Pass Option. Transfer: CSU
70881  MW 10:55AM - 12:20PM Cappello CHE 124 3.00

BUSN 061  BUSINESS, GOVERNMENT AND SOCIETY
This class offers students an opportunity to learn about the mutually interdependent nature of business, government, and society. The class focuses on how business affects society and vice-versa. Topics covered in this class include business ethics, government regulation, the global environment of business, and the societal challenges and benefits of business activity. Pass/No Pass Option. Transfer: CSU/UC
72920  MW 2:45PM - 4:10PM J Daire PHS 3.00
NOTE: This class meets at Prospect High School and enrollment is restricted to high school students only.
O 70882  K Dundurs ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

BUSN 062  BUSINESS MATHEMATICS
Prerequisite: MATH 903 or MATH 903R or LRSV 945. In this course, students have the opportunity to apply mathematical principles used in accounting, banking, insurance, finance, buying, selling, and real estate. Applied mathematics is emphasized through the study of word problems, time value of money, simple and compound interest, and analysis of financial statements. Pass/No Pass Option. Transfer: CSU
O 72714  D Reid ONLINE 3.00
SECTION #72714 BEGINS 10/21/19 CLASS ENDS 12/14/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

BUSN 066  HUMAN RELATIONS IN BUSINESS
This course is the study of human relations behavior in business organizations. Emphasis is on personal/interpersonal relationships; developing leadership for business success; maximizing human potential to meet present and future challenges by developing teamwork, building commitment, and applying traditional human relations theories to today's society. Pass/No Pass Option. Transfer: CSU
N 72395  M 6:30PM - 9:40PM M Bailey CHE 120 3.00

BUSN 070  EFFECTIVE OFFICE SKILLS
This course provides comprehensive coverage and integration of business skills and issues. It is designed to help develop decision-making skills, and establish a foundation in business procedures. Study of the electronic office, technology and procedures, document creation and distribution, research and organization of business reports, travel and conference planning, financial and legal procedures, and employment and career advancement is included. Pass/No Pass Option. Transfer: CSU
O 70885  K Dundurs ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

BUSN 078  BUSINESS COMMUNICATION
Prerequisite: ENGL 001A. 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. Transfer: CSU/UC
70887  TTh 10:55AM - 12:20PM Burke CHE 139 3.00
O 70886  N Maloney ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
NCBU 015 THE ENTREPRENEUR MIND
This course focuses on small business development skills for early-stage entrepreneurs. Topics covered include: finding gaps between ideas and solutions, achieving goals by focusing on what remains to be done and increasing motivation by accelerating accomplishments while avoiding distractions, adapting to constantly changing environments to stay one step ahead of competition, turning setbacks into strengths and learning from failure, building diverse teams and networking minds to solve complicated problems, and fostering collaboration through exchanges of generosity in an ever transparent world. This course is intended for those seeking to develop entrepreneurial insights that increase probability of launching successful small businesses.

72362 MW 9:00AM - 10:15AM J Nguyen
SECTION #72362 BEGINS 10/07/19 CLASS ENDS 10/30/19

NCBU 054 SMALL BUSINESS START-UP
Students have the opportunity to learn strategies and tactics necessary for starting and maintaining a small business. This course focuses on small businesses and students might actually start versus high-growth firms dependent on venture capital. This course is a continuation of NCBU15, The Entrepreneur Mind.

72361 MW 9:00AM - 10:15AM J Nguyen
SECTION #72361 BEGINS 09/09/19 CLASS ENDS 10/02/19

NCBU 056 MARKETING BASICS
This course provides students with the opportunity to acquire practical experience and understand the process of actually doing marketing. Students explore current trends and how to deliver value to both customers and the company.

72363 MW 9:00AM - 10:15AM J Nguyen
SECTION #72363 BEGINS 11/04/19 CLASS ENDS 12/02/19

CHEMISTRY
CHEM 001A GENERAL CHEMISTRY
Prerequisite: MATH 106 or MATH 106R, and CHEM 002 or 1 year high school chemistry. This course covers the nature of matter and the changes it undergoes. Concepts covered include dimensional analysis, the structure of atoms, chemical equations, stoichiometry, gases, 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. Transfer: CSU/UC

70147 MW 10:55AM - 12:20PM Eldridge SM 36 5.00
+ LAB M 12:30PM - 4:45PM G Eldridge SM 21
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 1:35PM - 4:45PM.

70188 MW 10:55AM - 12:20PM Eldridge SM 36 5.00
+ LAB W 12:30PM - 4:45PM G Eldridge SM 21
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 1:35PM - 4:45PM.

70150 TTh 10:55AM - 12:20PM Burce SM 33 5.00
+ LAB Th 12:30PM - 4:45PM G Burce SM 21
NOTE: Class meeting time is for the lecture and lab. Lab portion meets Th from 1:35PM - 4:45PM.

70163 TTh 4:00PM - 5:25PM S Yang SM 36 5.00
+ LAB T 5:35PM - 9:50PM S Yang SM 21
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 6:40PM - 9:50PM.

N 70152 M 6:00PM - 9:10PM M Leclerc SM 34 5.00
+ LAB W 9:45PM - 10:00PM M Leclerc SM 34
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 6:50PM - 10:00PM.

CHEM 001B GENERAL CHEMISTRY
Prerequisite: CHEM 001A. This course covers chemical kinetics, thermodynamics, oxidation-reduction, acid-base equilibria, solubility and complex-ion equilibria, electrochemistry, chemical bonding, electron configurations and periodicity, molecular orbital theory, transition elements and nuclear chemistry. Transfer: CSU/UC

72538 MW 2:05PM - 3:30PM G Fisher SM 35 5.00
+ LEC M 12:55PM - 1:55PM G Fisher SM 20
+ LAB W 10:45AM - 1:55PM G Fisher SM 20
70153 TTh 10:55AM - 12:20PM G Eldridge SM 34 5.00
+ LAB T 12:30PM - 4:45PM G Eldridge SM 21
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 1:35PM - 4:45PM.

N 70154 TTh 5:15PM - 6:40PM T Ng SM 13 5.00
+ LEC T 6:50PM - 7:50PM T Ng SM 13
+ LAB Th 6:50PM - 10:00PM T Ng SM 22

CHEM 002 INTRODUCTORY CHEMISTRY
Prerequisite: MATH 106 or 106R. This course is an introduction to 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. Transfer: CSU/UC

70444 MW 10:55AM - 12:20PM Weiner SM 34 4.00
+ LAB W 1:00PM - 4:10PM S Weiner SM 22
70156 MW 10:55AM - 12:20PM Weiner SM 34 4.00
+ LAB M 1:00PM - 4:10PM S Weiner SM 22
N 70158 T 6:00PM - 9:10PM D Hopper SM 33 4.00
+ LAB Th 6:00PM - 9:10PM D Hopper SM 21

CHEM 012A ORGANIC CHEMISTRY
Prerequisite: CHEM 001B. This course focuses on the fundamentals of organic chemistry with emphasis on underlying concepts. Modern laboratory techniques, including instrumental methods of structure determination are covered. Recommended for chemistry majors, chemical engineering majors, and for pharmacy, pre-medical and pre-dental students. Transfer: CSU/UC

70159 MW 12:30PM - 1:55PM B Harrison SM 33 5.00
+ LAB MW 2:05PM - 5:15PM B Harrison SM 20

CHEM 012B ORGANIC CHEMISTRY
Prerequisite: CHEM 012A. 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. Transfer: CSU/UC

71815 TTh 12:30PM - 1:55PM B Harrison SM 34 5.00
+ LAB TTh 2:05PM - 5:15PM B Harrison SM 20

CHEM 030A FUNDAMENTALS OF CHEMISTRY
Prerequisite: MATH 106 or 106R. 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, Dental Hygiene. Not recommended for science majors. Transfer: CSU/UC

71682 TTh 12:30PM - 1:55PM T Ng SM 36 4.00
+ LAB T 2:05PM - 5:15PM T Ng SM 22
71681 TTh 12:30PM - 1:55PM T Ng SM 36 4.00
+ LAB T 2:05PM - 5:15PM T Ng SM 22
N 71683 M 5:25PM - 8:35PM D Linthacum SM 33 4.00
+ LAB W 5:25PM - 8:35PM D Linthacum SM 22

CHEM 050 CHEMICAL SKILLS
This course is designed to strengthen the basic skills required in Chem 1A. Pass/No Pass Option Pass/No Pass Option.

71678 T 1:15PM - 4:45PM S Weiner SM 47 1.00
SECTION #71678 BEGINS 09/03/19 CLASS ENDS 12/07/19
NOTE: This is a LATE START CLASS.
CHST 001  PRINCIPLES & PRACTICES OF TEACHING YOUNG CHILDREN
This course examines the underlying theoretical principles of developmentally appropriate practice applied to programs and environments. Emphasis is on the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all young children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity. Pass/No Pass Option. Transfer: CSU
O 70687  MW 9:20AM - 10:45AM  L Dotson  CHE 134  3.00
O 70686  ONLINE  3.00
SECTION #70686 BEGINS 09/16/19 CLASS ENDS 12/14/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
O 72401  MW 9:20AM - 10:45AM  L Hotta  CHE 134  3.00
SECTION #72401 BEGINS 10/07/19 CLASS ENDS 12/14/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

CHST 002  CHILD GROWTH AND DEVELOPMENT
This course provides an introduction to human growth and development from conception through adolescence including physical growth, language, and social-emotional and cognitive development of the child. Topics discussed include theories of development; developmental and cultural contexts; heredity; societal influences and interaction with the environment. Observation of children is required. Pass/No Pass Option. Transfer: CSU/UC
72916  MW 2:50PM - 4:15PM  Annette Deckert  DMHS  3.00
NOTE: This class meets at Del Mar High School and enrollment is restricted to high school students only.
70689  TTh 9:20AM - 10:45AM  K Moore Wines  CHE 134  3.00
70688  TTh 10:55AM - 12:20PM  K Moore Wines  CHE 134  3.00
N 70691  M 6:00PM - 9:10PM  R Hernandez  CHE 134  3.00
O 70690  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

CHST 005  DIVERSITY - CHILDHOOD AND CULTURE
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-racism in order to better inform teaching practices and/or program development. Pass/No Pass Option. Transfer: CSU/UC
70693  TTh 9:20AM - 10:45AM  M Yamamori  CHE 120  3.00
O 70692  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

CHST 033A  FAMILY DEVELOPMENT
The course focuses on 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, Family Programs, Teaching, Education, and Counseling. This course may require skills in family assessment, intervention and referral. Pass/No Pass Option. Transfer: CSU
N 71743  W 6:30PM - 9:40PM  L Pate  CMPB  J69  3.00
N 71740  W 6:30PM - 9:40PM  L Martinez  CMPB  J68  3.00

CHST 035  PRACTICUM IN EARLY CHILDHOOD EDUCATION
Prerequisites: CHST 001, 002, 063, 080. Co-requisite: WRKX 303. 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 public school setting in pre-kindergarten to 3rd grade classrooms, in licensed early childhood programs serving infants through school-age children, or in classrooms serving children with special needs. Pass/No Pass Option. Transfer: CSU
N 70694  W 6:00PM - 9:10PM  L Dotson  CHE 134  3.00
NOTE: Instructions for the course will be given at the first class meeting. Co-requisite: WRKX 303, 72403. Students enrolling in this class must also enroll in WRKX 303, 72403.

CHST 059  MUSIC AND MOVEMENT FOR YOUNG CHILDREN
This course provides 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. Transfer: CSU
H 72404  T 6:00PM - 9:10PM  J Marshall  ONLINE  3.00
NOTE: This section meets both IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. This section requires IN-PERSON meetings 6:00 PM - 9:10 PM, Tuesdays 9/3/19, 10/1/19 and 11/5/19 at CHE 134. Go to westvalley.edu/eLearning/schedule for class and instructor contact information.

CHST 063  CHILD, FAMILY, AND COMMUNITY
This course examines the developing child in a societal context focusing on the interrelationship of family, school, and community and emphasizes historical and socio-cultural facts. The processes of socialization and identity development are highlighted, showing the importance of respectful reciprocal relationships that support and empower families. Pass/No Pass Option. Transfer: CSU
70699  MW 10:55AM - 12:20PM  K Moore Wines  CHE 134  3.00
72919  TTh 3:00PM - 4:25PM  L Dotson  WHS  3.00
NOTE: This class meets at Westmont High School and enrollment is restricted to high school students only.
72915  W 1:30PM - 4:40PM  K Moore Wines  BHS  3.00
NOTE: This class meets at Branham High School and enrollment is restricted to high school students only.
O 70696  C Gans  ONLINE  3.00
SECTION #70696 BEGINS 09/16/19 CLASS ENDS 12/14/19
NOTE: This is a LATE START class. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
O 72369  ONLINE  3.00
SECTION #72369 BEGINS 10/07/19 CLASS ENDS 12/14/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
CHST 064  SUPERVISION AND ADMINISTRATION I
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 regulation requirements, administrative structure and governance, budgeting, staff selection, program operation, policies and procedures, marketing, program assessment, and professional advocacy. Pass/No Pass Option. Transfer: CSU
N 70700  T  6:30PM - 9:40PM  P Sousa  CHE 139 3.00

CHST 065  SUPERVISION AND ADMINISTRATION II
Advisory: CHST 064. This class focuses on the principles and practices of supervision within early care and education programs. The social structure of the program is studied including organizational structure and processes, building partnerships with parents and staff, decision-making and problem solving processes, group dynamics, managing change, motivation, and leadership. Pass/No Pass Option. Transfer: CSU
N 71800  Th  6:30PM - 9:40PM  Staff  CHE 132 3.00

CHST 066  CHILD SAFETY, HEALTH AND NUTRITION
The course in child safety, health and nutrition is designed for persons working with typical and atypical young children. It includes the study of infectious disease, preventative health practices, infant/child/adult first aid/CPR and injury prevention, nutrition components, food pyramid/plate, and menu planning. This course is designed to meet state requirements in accordance with SB 1524. Pass/No Pass Option. Transfer: CSU
70702  TTh  12:30PM - 1:55PM  K Mro Ke Wines  CHE 134 3.00

CHST 070  INFANT-TODDLER DEVELOPMENT & CARE
This course covers infant/toddler development to age three, with an emphasis on physical, emotional, social, and cognitive development. Other topics include program planning based on the understanding of development needs and 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. Transfer: CSU
N 72014  W  6:00PM - 9:10PM  F Zarghami  CHE 132 3.00

CHST 080  INTRODUCTION TO CURRICULUM
Prerequisites: CHST 002 and CHST 063. This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 8. Students have the opportunity to examine a teacher's role in supporting development and engagement for all young children. This course covers strategies for developmentally-appropriate practice based on observation and assessments across 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. Transfer: CSU
N 70704  Th  6:30PM - 9:40PM  L Dotson  CHE 134 3.00

CHST 088  TECHNOLOGY FOR ADMINISTRATORS AND TEACHERS IN EARLY CHILDHOOD PROGRAMS
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 EMAIfl, 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. Transfer: CSU
O 70706  J Marshall  ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/eleLearning/schedule for class and instructor contact information.

CHST 087  OBSERVATION AND ASSESSMENT
Prerequisites: CHST 002 and CHST 063. 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. Transfer: CSU
70705  F  9:00AM - 12:55PM  L Dotson  CHE 131 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 9:00AM - 10:25AM.

WRXX 303  OCCUPATIONAL WORK EXPERIENCE
This course involves the supervised employment of students in positions which are related with their selected field of study, thereby extending the learning experiences of the classroom to the field. The program provides students with the opportunity to increase their understanding of the world of work and explore their chosen field of work. Units of credit are awarded on the basis of number of hours of employment per week and the successful completion of learning objectives. Students may not enroll in more than sixteen (16) units that are directly related to occupational work experience, whether from one department or from multiple departments, or general work experience. Pass/No Pass Option. Transfer: CSU
N 72385  W  5:30PM - 6:30PM  L Pate  CMPB 69 2.00
N 72386  W  5:30PM - 6:30PM  L Martinez  CMPB 68 2.00
72403  W  12:30PM - 1:55PM  A Horgan  CHE 134 3.00
NOTE: Co-requisite: CHST 035. Students enrolling in this class must also enroll in CHST 035. This section requires a minimum of 120 hours.

COMMUNICATION STUDIES

COMM 001  PUBLIC SPEAKING
Prerequisite: ENGL 905 or LRSV 941C. Advisory: READ 053. This basic course emphasizes the basic principles of preparation, organization, research, outlining, delivery, and evaluation of at least three expository oral speeches that are given in the physical presence of other listeners. It includes study of the process of communication, evaluating and utilizing evidence, principles of speech preparation and outline organization, management of communication apprehension, the role of the listener in public speaking, speech evaluation, rhetorical principles, and verbal and nonverbal delivery techniques. Transfer: CSU/UC
H 70260  J Hannigan
M 2:05PM - 5:15PM  J Hannigan  LASS 34
NOTE: This course meets F from 9:00AM - 10:25AM.
SECTION #70260 BEGINS 09/23/19 CLASS ENDS 12/06/19
NOTE: This is a LATE start course. This section meets both IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. This section requires IN-PERSON meetings for Lecture/Presentation/Exam on 9/23, 9/30, 10/14, 10/28, 11/18 and 11/25 @ 2:05 pm to 5:15 pm at LASS34, Go to westvalley.edu/eleLearning/schedule for class and instructor contact information.

70014  MW  9:20AM - 10:45AM  A Iyengar  LASS 33 3.00
70036  MW  9:20AM - 10:45AM  G Kirk  LASS 33 3.00
71704  MW  10:55AM - 12:20PM  J Borchard  FOX 106 3.00
70009  MW  10:55AM - 12:20PM  G Kirk  LASS 33 3.00
70018  MW  12:30PM - 1:55PM  A Samuel  LASS 33 3.00
70045  MW  12:30PM - 1:55PM  S Sequeira  LASS 33 3.00
70026  TTh  7:45AM - 9:10AM  M Zajac  LASS 32 3.00
70008  TTh  9:20AM - 10:45AM  M Farrell  LASS 34 3.00
70021  TTh  10:55AM - 12:20PM  M Farrell  LASS 34 3.00
70044  TTh  10:55AM - 12:20PM  M Farrell  LASS 34 3.00
70011  TTh  12:30PM - 1:55PM  M McKnight  FOX 202 3.00
70023  F  9:00AM - 12:10PM  A Schram  LASS 34 3.00
N 72988  M  6:00PM - 9:10PM  J Fujishin  LASS 34 3.00
O 73140  A Schram  ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/eleLearning/schedule for class and instructor contact information.

SECTION #73140 BEGINS 09/17/19 CLASS ENDS 12/14/19
NOTE: This is a LATE start class. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/eleLearning/schedule for class and instructor contact information.
COMM 004 SMALL GROUP DISCUSSION
Prerequisite: ENGL 905. Advisory: READ 053. This course is designed to provide students with theoretical and practical insights, experiences, and principles of communication in a variety of group contexts. Areas of focus include the theory and practical application of: leadership, information-sharing, problem solving, conflict management and critical decision-making and evaluation of group communication processes. Transfer: CSU/UC
70063 MW 9:20AM - 10:45AM M Zajac LASS 32 3.00
70068 TTh 9:20AM - 10:45AM M McKnight LASS 32 3.00
O 70065 J Hannigan ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/earleaning/schedule for class and instructor contact information.

COMM 007 SURVEY OF COMMUNICATION: CAREER BUILDING STRATEGIES
Advisory: READ 053 or ENGL 905. This introductory survey of communication course is focused on the basic foundations of interpersonal communication, small group communication, and public speaking with an emphasis on career building strategies. Students are introduced to the conceptual breadth of the human communication discipline as it relates to social behavior in the workplace. Additionally, students have the opportunity to examine and practice communication theories and principles to develop critical thinking and communication competencies in a variety of business and professional contexts, such as: team-building, leadership, presentation skills, interviewing strategies, cross-cultural competence, organizational communication, and conflict management. Transfer: CSU
O 72386 M Farrell ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/earleaning/schedule for class and instructor contact information.

COMM 008 INTERPERSONAL COMMUNICATION
Advisory: READ 053 and ENGL 905. This course is designed to help students analyze the principles of verbal and nonverbal transactions that occur in personal and professional interpersonal contexts. This course gives the student the opportunity to apply theory and research findings into practical skills within interpersonal relationships. Transfer: CSU/UC
70077 MW 10:55AM - 12:20PM Zajac LASS 32 3.00
70076 TTh 10:55AM - 12:20PM Zajac LASS 33 3.00
70078 F 9:00AM - 10:15PM M Zajac LASS 32 3.00

COMM 010 PERSUASIVE SPEAKING
Prerequisite: ENGL 905 or LRSV 941C. Advisory: READ 053. 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. The course also includes a project that analyzes persuasive messages with a presentation of findings component. Transfer: CSU/UC
70079 TTh 10:55AM - 12:20PM G Kirk FOX 202 3.00

COMM 012 INTERCULTURAL COMMUNICATION
Prerequisite: ENGL 905 or LRSV 941C. Advisory: READ 053. This course highlights the importance of culture and how it constructs and creates verbal and nonverbal communication in global and domestic contexts. The emphasis is on the influence of culture, language, and social patterns on how members of cultures relate among themselves and with members of diverse groups. It is designed to help students appreciate and compare intercultural communication patterns within the larger context of American culture. It provides theoretical knowledge and practical application of effective communication within and between diverse cultural groups. Transfer: CSU/UC
70082 MW 10:55AM - 12:20PM Samuel LASS 33 3.00
70084 TTh 9:20AM - 10:45AM J Morrison FOX 107 3.00
71774 TTh 12:30PM - 1:55PM A Lyengar LASS 33 3.00
O 70081 M Farrell ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/earleaning/schedule for class and instructor contact information.

COMM 020 ARGUMENTATION AND DEBATE
Prerequisite: ENGL 905. 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. Transfer: CSU/UC
70089 MW 9:20AM - 10:45AM J Borchard FOX 106 3.00
70088 TTh 12:30PM - 1:55PM J Borchard LASS 34 3.00

COMPUTER INFORMATION SYSTEMS
CIST 002 INTRODUCTION TO COMPUTING
Advisory: MATH 106 or MATH 106R. This is a first course in computing, introducing students to the concepts and uses of computing applications in business and society. This is an information competency infused course. Pass/No Pass Option. Transfer: CSU/UC
70624 TTh 12:30PM - 2:35PM J Rascov CHE 121 4.00
70620 TTh 12:30PM - 2:35PM M Kaiz ONLINE 4.00

CIST 004A COMPUTER PROGRAMMING I C++ PROGRAMMING
Advisory: MATH 106 or MATH 106R. 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. Pass/No Pass Option. Transfer: CSU/UC
72682 MW 12:30PM - 2:35PM H Miller CHE 133 4.00
N 70633 W 5:45PM - 10:00PM Staff FOX 104 4.00
CIST 004A1 COMPUTER PROGRAMMING I (JAVA)
Advisory: MATH 106 or MATH 106R. CIS 004A1 focuses on the Java programming language. Emphasis is on good programming style, object-oriented design, decomposition, encapsulation, abstraction, and testing. Pass/No Pass Option. Transfer: CSU/UC
70697 TTh 7:45AM - 9:50AM T Liu CHE 121 4.00
CIST 004B1 COMPUTER PROGRAMMING II (JAVA)
Prerequisite: CIST 004A1. Advisory: MATH 106 or MATH 106R. This is a continuation of CIS 004A1 (Computer Programming I) intended for students majoring in CIS-Computer Science Option and/or planning to transfer to a four-year college or university computer science program. CIS 04B11 introduces concepts of data structures and sorting/searching algorithms. The course includes both lecture and programming in Java. Pass/No Pass Option. Transfer: CSU/UC
72013 TTh 10:15AM - 12:20PM T Liu CHE 121 4.00
CIST 005A - INTRODUCTION TO PYTHON
Advisory: MATH 106 or MATH 106R. This is a foundation course emphasizing the concepts and methodologies of programming using the Python language. Emphasis is on good programming style, object-oriented analysis and design, decomposition, encapsulation, abstraction and testing. Example topics include objects/classes, functions, argument passing, control structures, rep-titions, lists/tuples, strings, dictionaries/sets, and recursion. Students have the opportunity to learn programming and documentation skills, algorithm problem-solving, programming methodology, and to write small-to-medium sized programs. Pass/No Pass Option. Transfer: CSU/UC
72143 MW 10:55AM - 2:05PM T Liu CHE 121 4.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 10:55AM - 2:05PM.

CIST 005B - ADVANCED PYTHON
Advisory: CIST 005A and MATH 106 or MATH 106R. This is a continuation of CIST 5A [Introduction to Computer Programming I (Python)] intended for students majoring in CIS-Computer Science Option and/or planning to transfer to a 4-year college or university. CIST 5B introduces concepts of abstract data types, Python classes, modules, and information hiding. Topics in data structures (collection types, complexity analysis, big-O notation, arrays, linear linked structures, interfaces and implementations, information hiding, polymorphism, stacks, queues, lists, trees, binary search trees, heap, expression trees, unordered collections, bags, sets, dictionaries and graphs) and sorting/searching algorithms are introduced. Pass/No Pass Option. Transfer: CSU/UC
72902 MW 10:55AM - 2:05PM Y Lau CHE 131 4.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 10:55AM - 2:05PM.

CIST 037 - C PROGRAMMING
Advisory: MATH 106 or MATH 106R. Fundamentals of ANSI C language syntax are introduced in this course. Structured programming style using the C language is emphasized. Transfer: CSU/UC
71788 Thh 12:30PM - 1:55PM T Liu FOX 104 3.00

CIST 039 - MICROCOMPUTER ASSEMBLER PROGRAMMING
Advisory: MATH 106 or MATH 106R. 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. Transfer: CSU/UC
72480 Thh 9:20AM - 10:45AM H Miller CHE 131 3.00

COUNSELING
COUN 000A - ORIENTATION
A mini course designed to equip students with basic survival tools for college. The course includes an orientation of WVC programs and services, rules and regulations. An overview of general education requirements for transfer and graduation and an introduction to the registration process and basic educational planning are presented. Pass Only.
N 70742 M 5:00PM - 9:15PM F Cognetta FOX 201 0.50 SECTION #70472 BEGINS 10/07/19 CLASS ENDS 10/14/19 NOTE: This course has an emphasis in Athletics.
N 70730 W 5:00PM - 9:15PM F Cognetta FOX 201 0.50 SECTION #70730 BEGINS 09/11/19 CLASS ENDS 09/18/19
N 70729 Thh 5:00PM - 9:15PM F Cognetta FOX 105 0.50 SECTION #70729 BEGINS 09/05/19 CLASS ENDS 09/12/19
O 71749 M Salcido ONLINE 0.50 SECTION #71749 BEGINS 08/27/19 CLASS ENDS 09/03/19 NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor for contact information.
O 70741 F Cognetta ONLINE 0.50 SECTION #70741 BEGINS 11/07/19 CLASS ENDS 11/14/19 NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor for contact information.

COUN 005 - COLLEGE SUCCESS
This course focuses on life management, goal setting, career decision making, educational planning, college expectations and opportunities, instructor-student relationships, cultural diversity, health maintenance, stress management, and resources. Learning styles and academic success strategies are also included. Pass/No Pass Option. Transfer: CSU/UC
H 72451 M 12:30PM - 1:55PM J Winkler FOX 201 3.00 SECTION #72451 BEGINS 09/09/19 CLASS ENDS 12/09/19 NOTE: This is a Hybrid course that meets weekly IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.
70751 MW 10:55AM - 12:20PM Byers, SSC 203 3.00 NOTE: Only students in the First Year Experience program may register for this class. Please email wf.ye@westvalley.edu to enroll in the program.
70758 MW 10:55AM - 12:20PM Johnson FOX 106 3.00 NOTE: Only students in the First Year Experience program may register for this class. Please email wf.ye@westvalley.edu to enroll in the program.
70744 MW 12:30PM - 1:55PM P Severe FOX 106 3.00 NOTE: Section 70744 is an UMOJA (Success) course that is part of a learning community along with: English 001A section #70149. You will need permission from the instructor to enroll in this course. Please contact Philip Severe at philip.severe@westvalley.edu.
71963 MW 12:30PM - 1:55PM C Silva SSC 105A 3.00
71962 MW 9:20AM - 10:45AM C Llerena SSC 105A 3.00
70753 TTh 10:55AM - 12:20PM Ikeda SSC 105A 3.00 NOTE: Only students in the First Year Experience program may register for this class. Please email wf.ye@westvalley.edu to enroll in the program.
70701 TTh 10:55AM - 12:20PMJ Bucher FOX 105 3.00 NOTE: Section 70701 is a Puente Program course that is part of a learning community, with English 001A, Section 72482 (Puente Program taught by Leslie Saito). You will need permission from the instructor to enroll in this course. Please contact Jose Bucher at jose.bucher@wv.edu for more information.
71957 TTh 10:55AM - 12:20PMC Silva SSC 105A 3.00 NOTE: This section is taught as part of the First Year Experience program. Only students in the First Year Experience program may register for this class. Please email wf.ye@westvalley.edu to enroll in the program.
70747 T 2:05PM - 3:30PM H Ikeda FOX 101 3.00
70745 F 9:20AM - 12:30PM M Bernal FOX 106 3.00 NOTE: This course is limited to students in the Middle College Program. Please contact instructor Chris Jones at chris.jones@ westvalley.edu for enrollment information.
H 70754 T 6:00PM - 8:50PM R Byers CIL 131 3.00 R Byers ONLINE SECTION #70754 BEGINS 10/29/19 CLASS ENDS 12/10/19 NOTE: Section 70754 begins 10/29/19 and CLASS ENDS 12/10/19. NOTE: This is a Hybrid course that meets weekly IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.
70759 ONLINE 3.00 SECTION #70759 BEGINS 10/07/19 CLASS ENDS 12/09/19 NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor for contact information.

COUN 012 - CAREERS AND LIFE STYLES
This course assists students in identifying values, interests, and career alternatives through a variety of personality and occupational exploration techniques. Students have the opportunity to learn and prepare for careers and lifestyles in an ever-changing world by developing decision making, goal setting and planning skills. Pass/No Pass Option. Transfer: CSU
70762 MW 9:20AM - 10:45AM A Bangle FOX 104 3.00
70765 MW 10:55AM - 12:20PM A Bangle FOX 104 3.00
70763 TTh 9:20AM - 10:45AM Staff FOX 104 3.00
COUN 024 PERSONAL GROWTH
This course is designed to enhance self esteem and improve interpersonal relationships. Students have the opportunity to develop skills in assertiveness, decision-making and conflict resolution. Topics covered also include: stress management, goal-setting and interpersonal communication skills. Pass/No Pass Option. Transfer: CSU

SECTION #72115 BEGINS 08/26/19 CLASS ENDS 09/25/19
M 11:00AM - 12:25PM A Hernandez ONLINE 3.00
SECTION #72177 BEGINS 09/26/19 CLASS ENDS 10/28/19
W 12:00PM - 1:25PM P Tchang ONLINE 3.00

NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing. Class meeting time is for the lecture and lab. Lab portion meets MWTh from 9:30AM - 11:30AM.

COURT REPORTING
NOTE: Other Court Reporting courses (speed-building) are also housed in the School of Continuing Education. A list of those courses can be found both at the end of this section as well as the “Continuing Education Courses” section at the end of the fall 2019 schedule of classes.

CTRP 007A COURT REPORTING THEORY 1
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 English vocabulary at 30 words per minute with 90 percent accuracy. Pass/No Pass Option. Transfer: CSU

SECTION #72075 BEGINS 09/23/19 CLASS ENDS 10/10/19
M 12:00PM - 1:25PM S Coleman ONLINE 3.00
NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing. Class meeting time is for the lecture and lab. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: 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. Transfer: CSU/UC

SECTION #72461 BEGINS 09/26/19 CLASS ENDS 10/28/19
M 12:00PM - 1:25PM L Hernandez ONLINE 3.00
SECTION #72687 BEGINS 09/26/19 CLASS ENDS 10/28/19
T 10:00AM - 11:25AM C Leung ONLINE 3.00

NOTE: This is a Hybrid course that meets weekly IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting. This section has a Mindfulness-Based Stress Reduction Emphasis.

COURT REPORTING
NOTE: This course has the opportunity to apply the theory and practice of Computer-Aided Transcription (CAT) as used in the fields of court reporting and captioning. Transfer: CSU

SECTION #72432 BEGINS 09/26/19 CLASS ENDS 10/28/19
T 3:30PM - 4:20PM L Lawson ONLINE 3.00

NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing. Class meeting time is for the lecture and lab. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Lab portion meets MWTh from 9:30AM - 11:30AM.

COURT REPORTING
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Lab portion meets MWTh from 9:30AM - 11:30AM.

COURT REPORTING
NOTE: This course is designed to enhance self esteem and improve interpersonal relationships. Students have the opportunity to develop skills in assertiveness, decision-making and conflict resolution. Topics covered also include: stress management, goal-setting and interpersonal communication skills. Pass/No Pass Option. Transfer: CSU

SECTION #72472 BEGINS 08/20/19 CLASS ENDS 09/19/19
T 9:30AM - 10:55AM L Hernandez ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing. Class meeting time is for the lecture and lab. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This course is designed to enhance self esteem and improve interpersonal relationships. Students have the opportunity to develop skills in assertiveness, decision-making and conflict resolution. Topics covered also include: stress management, goal-setting and interpersonal communication skills. Pass/No Pass Option. Transfer: CSU

SECTION #72492 BEGINS 09/23/19 CLASS ENDS 10/10/19
T 9:30AM - 10:55AM L Hernandez ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing. Class meeting time is for the lecture and lab. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This course has the opportunity to apply the theory and practice of Computer-Aided Transcription (CAT) as used in the fields of court reporting and captioning. Transfer: CSU

SECTION #72432 BEGINS 09/26/19 CLASS ENDS 10/28/19
T 3:30PM - 4:20PM L Lawson ONLINE 3.00

NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing. Class meeting time is for the lecture and lab. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This course has the opportunity to apply the theory and practice of Computer-Aided Transcription (CAT) as used in the fields of court reporting and captioning. Transfer: CSU

SECTION #72432 BEGINS 09/26/19 CLASS ENDS 10/28/19
T 3:30PM - 4:20PM L Lawson ONLINE 3.00

NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing. Class meeting time is for the lecture and lab. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This course is designed to enhance self esteem and improve interpersonal relationships. Students have the opportunity to develop skills in assertiveness, decision-making and conflict resolution. Topics covered also include: stress management, goal-setting and interpersonal communication skills. Pass/No Pass Option. Transfer: CSU

SECTION #72492 BEGINS 09/23/19 CLASS ENDS 10/10/19
T 9:30AM - 10:55AM L Hernandez ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing. Class meeting time is for the lecture and lab. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This course has the opportunity to apply the theory and practice of Computer-Aided Transcription (CAT) as used in the fields of court reporting and captioning. Transfer: CSU

SECTION #72432 BEGINS 09/26/19 CLASS ENDS 10/28/19
T 3:30PM - 4:20PM L Lawson ONLINE 3.00

NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing. Class meeting time is for the lecture and lab. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This course is designed to enhance self esteem and improve interpersonal relationships. Students have the opportunity to develop skills in assertiveness, decision-making and conflict resolution. Topics covered also include: stress management, goal-setting and interpersonal communication skills. Pass/No Pass Option. Transfer: CSU

SECTION #72492 BEGINS 09/23/19 CLASS ENDS 10/10/19
T 9:30AM - 10:55AM L Hernandez ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing. Class meeting time is for the lecture and lab. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This course has the opportunity to apply the theory and practice of Computer-Aided Transcription (CAT) as used in the fields of court reporting and captioning. Transfer: CSU

SECTION #72432 BEGINS 09/26/19 CLASS ENDS 10/28/19
T 3:30PM - 4:20PM L Lawson ONLINE 3.00

NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing. Class meeting time is for the lecture and lab. Lab portion meets MWTh from 9:30AM - 11:30AM.

NOTE: This course is designed to enhance self esteem and improve interpersonal relationships. Students have the opportunity to develop skills in assertiveness, decision-making and conflict resolution. Topics covered also include: stress management, goal-setting and interpersonal communication skills. Pass/No Pass Option. Transfer: CSU

SECTION #72492 BEGINS 09/23/19 CLASS ENDS 10/10/19
T 9:30AM - 10:55AM L Hernandez ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Lab portion meets MWTh from 9:30AM - 11:30AM.
DANC 002  BALLET: BEGINNING LEVEL 2
Prerequisite: DANC 001. This is the second course in the beginning level ballet sequence, designed to introduce the discipline, aesthetics, traditions, and historical background of classical ballet. An emphasis is placed on exploring the historical court dance forms of the Renaissance through the contemporary era. Pass/No Pass Option. Transfer: CSU/UC
N 72554 MW 5:00PM - 6:25PM V Munday PE 7 1.00

DANC 003  BALLET: INTERMEDIATE
Prerequisite: DANC 002. This course is a study of the discipline, aesthetic traditions and historical background of classical ballet at the intermediate level, building upon skills learned in DANC 001 and 002. New skills include pirouettes, sissone and pointe turn combinations such as pique, soutenu, and chains. Pass/No Pass Option. Transfer: CSU/UC
N 72735 MW 5:00PM - 6:25PM V Munday PE 7 1.00

DANC 004  BALLET: ADVANCED LEVEL 4
Prerequisite: DANC 003. This course provides students the opportunity to develop advanced level skills in the discipline of ballet. This course focuses on perfecting technique and developing advanced level performance skills. Topics include grand adage combinations, and petite allegro and grand allegro combinations. Pass/No Pass Option. Transfer: CSU/UC
W 72476 S 10:00AM - 2:15PM A Malmuth-Onn PE 7 1.00
SECTION #72476 BEGINS 09/21/19 CLASS ENDS 12/14/19

DANC 006  DANCE INTENSIVE
This course is designed to provide students with an opportunity to work intensively on their technique and performance skills in a specific dance area. Transfer: CSU/UC
72552 MW 12:30PM - 1:55PM A Malmuth-Onn PE 7 1.00

DANC 007  CHOREOGRAPHY
This course provides students an overview of the field of choreography and a study of the elements of dance composition as related to a specific form of dance, such as Jazz, Modern, Ballet, and Tap, based on individual student need. Emphasis is placed on creating masks, costumes, and props. Students participate in a community and college performance. Pass/No Pass Option. Transfer: CSU/UC
72733 MW 12:30PM - 1:55PM A Malmuth-Onn PE 7 1.00
W 72728 S 10:00AM - 2:15PM A Malmuth-Onn PE 7 1.00
SECTION #72728 BEGINS 09/21/19 CLASS ENDS 12/14/19

DANC 008  REHEARSAL AND PERFORMANCE IN DANCE
This course provides students an opportunity to rehearse and perform dances in an informal setting at the college and at various locations in the community. Emphasis is on group participation in all areas of dance production. The course includes dance warm-ups, techniques, choreography, group and solo rehearsals, and performances. Pass/No Pass Option. Transfer: CSU/UC
W 72726 S 10:00AM - 2:15PM A Malmuth-Onn PE 7 1.00
SECTION #72726 BEGINS 09/21/19 CLASS ENDS 12/14/19

DANC 011  JAZZ DANCE: BEGINNING LEVEL 1
This course is designed to introduce the student to the medium of jazz dance through exposure to jazz dance history, technique, style, improvisations, and composition. Pass/No Pass Option. Transfer: CSU/UC
72471 TTh 10:55AM - 12:20PMB Patel PE 7 1.00

DANC 012  JAZZ DANCE: BEGINNING LEVEL 2
Prerequisite: DANC 011. In this second level introductory course to jazz dance, the emphasis is placed on isolation, locomotive, and syncopated techniques and rhythms. Pass/No Pass Option. Transfer: CSU/UC
72716 TTh 10:55AM - 12:20PMB Patel PE 7 1.00

DANC 013  JAZZ DANCE: INTERMEDIATE
Prerequisite: DANC 012. This course provides students with the opportunity to increase skill and knowledge in the various theories, styles, and techniques of the jazz idiom at the intermediate level, building upon skills learned in DANC 011 and 012. Pass/No Pass Option. Transfer: CSU/UC
72718 TTh 10:55AM - 12:20PMB Patel PE 7 1.00

DANC 014  JAZZ DANCE: ADVANCED
Prerequisite: DANC 013. This advanced level course is designed to further increase the student’s skill and understanding in the varied theories, styles and techniques of the jazz idiom. Skills include increased vocabulary levels in lyrical and contemporary Jazz such as multiple turns, variety of leaps, coordinated isolations, and longer and more intricate combinations which challenge the advanced dancer. Pass/No Pass Option. Transfer: CSU/UC
72717 TTh 10:55AM - 12:20PMB Patel PE 7 1.00

DANC 021  MODERN DANCE: BEGINNING LEVEL 1
This is a course for students who want an introduction to modern dance. It provides the knowledge and practice necessary for gaining skills and experience in modern dance technique. Pass/No Pass Option. Transfer: CSU/UC
72969 TTh 9:20AM - 10:45AM B Patel PE 7 1.00

DANC 022  MODERN DANCE: BEGINNING LEVEL 2
Prerequisite: DANC 021. This course provides students with the opportunity to gain skills and techniques in modern dance for the beginning level 2 dance student. Emphasis is on developing techniques of contraction and release, falls and recovery, and includes a focus on quality of movement. Pass/No Pass Option. Transfer: CSU/UC
N 72719 W 6:30PM - 9:40PM M Basile PE 7 1.00

DANC 023  MODERN DANCE: INTERMEDIATE
Prerequisite: DANC 022. This course provides students with the opportunity to gain modern dance skills and techniques at the intermediate level, focusing on force, space, and rhythm. Pass/No Pass Option. Transfer: CSU/UC
72721 W 6:30PM - 9:40PM M Basile PE 7 1.00

DANC 041  BALLROOM AND LATIN DANCE: BEGINNING
This course focuses on beginning Ballroom and Latin dance techniques and performance. Beginning level steps and performance techniques from Tango, Waltz, Rumba, Cha-Cha, Foxtrot, Paso Doble, Night Club 2-Step, and current popular dances are covered. Individuals are encouraged to attend. A partner is not required. Pass/No Pass Option. Transfer: CSU/UC
N 72723 Th 6:30PM - 9:40PM J Segal PE 7 1.00

DANC 042  BALLROOM AND LATIN DANCE: INTERMEDIATE
Prerequisite: DANC 041. This course focuses on intermediate Ballroom and Latin dance techniques and performance. Emphasis is placed on styling and musical interpretation. Intermediate level steps consisting of additional performance techniques from the Tango, Waltz, Quick Step, International Rumba, Paso Doble, Cha-cha, Samba, Viennese Waltz, Foxtrot, Night Club 2-Step, and West Coast Swing are covered. Individuals are encouraged to attend. A partner is not required. Pass/No Pass Option. Transfer: CSU/UC
N 72724 Th 6:30PM - 9:40PM J Segal PE 7 1.00

DANC 043  BALLROOM AND LATIN DANCE: ADVANCED
Prerequisite: DANC 042. 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. Transfer: CSU/UC
N 72725 Th 6:30PM - 9:40PM J Segal PE 7 1.00
DANC 060 STUDIO DANCE PRODUCTION
This course provides dance students with an opportunity to develop the technical skills necessary to produce dance programs in a studio theater. Students are given an opportunity to choreograph dances in their area of emphasis, as well as design costumes, makeup, and lighting for a performance in a studio theater. Pass/No Pass Option. Transfer: CSU/UC
72727 MW 12:30PM - 1:55PM A Malmut-Onn PE 7 1.00
72970 TTh 9:20AM - 10:45AM B Patel PE 7 1.00

DANC 061 DANCE IN AMERICA: A CULTURAL PERSPECTIVE
This course examines dance as a cultural expression in the USA. The course explores a range of dance forms with a focus on their social, political and religious significance. The course also considers the creative process and expression of the contemporary choreographer. Pass/No Pass Option. Transfer: CSU/UC
O 72730 A Malmut-Onn ONLINE 3.00
SECTION #72730 BEGINS 10/21/19 CLASS ENDS 12/14/19
NOTE: This section meets ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
O 72729 A Malmut-Onn ONLINE 3.00
SECTION #72729 BEGINS 08/24/19 CLASS ENDS 10/18/19
NOTE: This section meets ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

DANC 061H HONORS DANCE IN AMERICA: A CULTURAL PERSPECTIVE
Honors Dance in America: A Cultural Perspective uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course examines dance as a cultural expression in the USA, and explores and analyzes the influence of indigenous and world dance forms including their social, political, economic, and religious significance. The course also considers the creative process and expression of the contemporary choreographer. Pass/No Pass Option. Transfer: CSU/UC
O 72731 A Malmut-Onn ONLINE 3.00
SECTION #72731 BEGINS 10/21/19 CLASS ENDS 12/14/19
NOTE: This section meets ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information. You must be an Honors student to register for this course. For information about joining the Honors program, please go to: westvalley.edu/honors.

DIGITAL MEDIA
DIGM 001 DIGITAL APPLICATIONS BASIC
This course provides an overview of the major software tools used in digital media design and production. The course also focuses on examining and developing the technical and intuitive skills designers use to visually and psychologically convey messages to an audience for communicative effect. Transfer: CSU
71775 MW 12:30PM - 3:00PM S Akyuz CIL 122 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 1:35PM - 3:00PM.

DIGM 002 INTRODUCTION TO ELECTRONIC COMMUNICATION
This course analyzes traditional forms of mass media, and, the impact and development of new electronic communication technologies from both an historical and a cultural perspective. Special attention is given to media theories and effects, media operations and careers, and social, ethical and economic issues in the media. The course also examines the impact of media on the individual and on society as a whole. Transfer: CSU
O 70123 J McIntosh ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

DIGM 003 INTRODUCTION TO GRAPHIC DESIGN
This course focuses on the fundamental elements of design and introduces the software applications used in graphic design production. Topics covered include design concepts and creative process, visual construction, and the technical limitations and parameters for creating digital imagery and graphic solutions. Transfer: CSU
7025 TTh 10:55AM - 1:20PM J McIntosh CIL 122 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 11:55AM - 1:20PM. This course is offered for individuals who are interested in graphic and web design and digital communication fields, and utilizes the Adobe Creative Suite.

DIGM 011 BLOGS AND SITE DEVELOPMENT: WORDPRESS
Advisory: DIGM 003. Students have the opportunity to learn how to design, customize, and maintain blogs on the Internet. Students use the WordPress content management system (CMS) to develop custom blogs and also have the opportunity to learn how to modify templates for blog and website publishing. Students and third party applications are examined and implemented into blogging solutions. Pass Only. Transfer: CSU
O 72092 J Rascov ONLINE 1.00
SECTION #72092 BEGINS 08/26/19 CLASS ENDS 09/30/19
NOTE: This section meets ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage.

DIGM 014C DIGITAL ILLUSTRATION: ILLUSTRATOR
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. Transfer: CSU
H 70509 MW 10:55AM - 12:20PM S Akyuz CIL 122 4.00
+ LAB S Akyuz CIL 122 1.00
NOTE: This is a HYBRID course that meets weekly IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.

DIGM 020A INTERFACE DESIGN
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. Transfer: CSU
H 70517 TTh 9:20AM - 10:45AM J Rascov CIL 122 4.00
+ LAB J Rascov CIL 122 1.00
NOTE: This is a HYBRID course that meets weekly IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.

DIGM 021A WEB DEVELOPMENT 1
This course focuses on using the most recent version of HTML and CSS to create web sites and mobile applications. The course also covers web standards following ADA requirements and validation. Students have the opportunity to plan, code and launch web sites for web and mobile platforms and work in teams using UX and interface design techniques. Pass/No Pass Option. Transfer: CSU
H 70074 MW 9:20AM - 10:45AM S Houghton CIL 122 4.00
+ LAB S Houghton CIL 122 1.00
NOTE: This is a HYBRID course that meets weekly IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Times</th>
<th>Instructor/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIGM 025A</td>
<td>ADVANCED INTERNET MARKETING</td>
<td>1.00</td>
<td>ONLINE</td>
<td>J Rascov</td>
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<td>DIGM 025B</td>
<td>SOCIAL MEDIA MARKETING</td>
<td>1.00</td>
<td>ONLINE</td>
<td>J Rascov</td>
</tr>
<tr>
<td>DIGM 099</td>
<td>INTRODUCTION TO TYPOGRAPHY</td>
<td>1.00</td>
<td>ONLINE + LAB</td>
<td>J McIntosh</td>
</tr>
</tbody>
</table>

**DISABILITY AND EDUCATIONAL SUPPORT PROGRAM (D.E.S.P.)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Times</th>
<th>Instructor/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>LRSV 001</td>
<td>LEARNING STRATEGIES FOR COLLEGE AND CAREERS</td>
<td>1.00</td>
<td>ONLINE</td>
<td>S Sherrill</td>
</tr>
<tr>
<td>LRSV 941B</td>
<td>LEARNING STRATEGIES FOR MATH</td>
<td>1.00</td>
<td>ONLINE</td>
<td>J Jaurequi</td>
</tr>
<tr>
<td>LRSV 943A</td>
<td>LEARNING STRATEGIES FOR WRITING</td>
<td>1.00</td>
<td>ONLINE</td>
<td>J Jaurequi</td>
</tr>
<tr>
<td>LRSV 945</td>
<td>ELEMENTARY ALGEBRA SKILLS AND STRATEGIES</td>
<td>1.00</td>
<td>ONLINE</td>
<td>J Jaurequi</td>
</tr>
</tbody>
</table>
ECONOMICS

ECON 001A PRINCIPLES OF MACROECONOMICS
Prerequisite: MATH 903 or MATH 903R or LRSV 945. Co-requisite: ECON 002A. This course provides an introduction to aggregate economic analysis including analysis of: market systems; aggregate measures of the economy; macroeconomic equilibrium; money, the banking system and the role of central banks; monetary and fiscal policy; international trade and exchange rates; and macroeconomic growth. PASS/NO PASS Option. Transfer: CSU/UC

70257 MW 1:45PM - 2:00PM B Truongson LASS 27 3.00 NOTE: Students enrolling in ECON 001A #70257 must also enroll in ECON 002A #70258.

70265 MW 10:55AM - 12:00PM S Zill LASS 27 3.00 NOTE: Students enrolling in ECON 001A #70265 must also enroll in ECON 002A #70266.

70259 TTh 9:20AM - 10:45AM S Liu LASS 27 3.00 NOTE: Students enrolling in ECON 001A #70259 must also enroll in ECON 002A #70262.

70278 TTh 12:30PM - 1:55PM H Kardevani LASS 27 3.00 NOTE: Students enrolling in ECON 001A #70278 must also enroll in ECON 002A #70270.

N 70267 T 6:15PM - 9:25PM M Sandhu LASS 27 3.00 NOTE: Students enrolling in ECON 001A #70267 must also enroll in ECON 002A #70268.

O 70269 S Liu ONLINE 3.00 NOTE: Students enrolling in ECON 001A #70269 must also enroll in ECON 002A #70271. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

O 70272 D Demiray ONLINE 3.00 SECTION #70272 BEGINS 10/14/19 CLASS ENDS 12/07/19 NOTE: Students enrolling in ECON 001A #70272 must also enroll in ECON 002A #70274. This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

ECON 001AH HONORS PRINCIPLES OF MACROECONOMICS
Prerequisite: MATH 903 or MATH 903R or LRSV 945. Honors Prerequisites 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. Transfer: CSU/UC

70261 TTh 9:20AM - 10:45AM S Liu LASS 27 3.00 NOTE: You must be an Honors student to register for this course. For information about joining the Honors program, please go to westvalley.edu/honors. Students enrolling in ECON 001AH #70261 must also enroll in ECON 002AH #70265.

ECON 001B PRINCIPLES OF MICROECONOMICS
Prerequisite: MATH903 or MATH903R or LRSV 945. Co-requisite: ECON 002B. 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. PASS/NO PASS Option. Transfer: CSU/UC

70284 MW 9:20AM - 10:45AM L Farivar LASS 27 3.00 NOTE: Students enrolling in ECON 001B #70284 must also enroll in ECON 002B #70287.

70305 MW 12:30PM - 1:55PM H Kardevani LASS 27 3.00 NOTE: Students enrolling in ECON 001B #70305 must also enroll in ECON 002B #70306.

70299 TTh 10:55AM - 12:00PM S Liu LASS 27 3.00 NOTE: Students enrolling in ECON 001B #70299 must also enroll in ECON 002B #70302.

ECON 002A PRINCIPLES OF MACROECONOMICS LAB
Co-requisite: ECON 001A. 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. PASS/NO PASS Option. Transfer: CSU/UC

O 70258 B Truongson ONLINE 1.00 NOTE: Students enrolling in ECON 002A #70258 must also enroll in ECON 001A #70257. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

O 70279 H Kardevani ONLINE 1.00 NOTE: Students enrolling in ECON 002A #70279 must also enroll in ECON 001A #70278. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

O 70266 S Zill ONLINE 1.00 NOTE: Students enrolling in ECON 002A #70266 must also enroll in ECON 001A #70265. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

O 70262 S Liu ONLINE 1.00 NOTE: Students enrolling in ECON 002A #70262 must also enroll in ECON 001A #70259. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

O 70271 S Liu ONLINE 1.00 NOTE: Students enrolling in ECON 002A #70271 must also enroll in ECON 001A #70269. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

O 70268 M Sandhu ONLINE 1.00 NOTE: Students enrolling in ECON 002A #70268 must also enroll in ECON 001A #70267. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

O 70274 D Demiray ONLINE 1.00 SECTION #70274 BEGINS 10/14/19 CLASS ENDS 12/07/19 NOTE: Students enrolling in ECON 002A #70274 must also enroll in ECON 001A #70272. This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
ECON 002AH  HONORS PRINCIPLES OF MACROECONOMICS LAB
Co-requisite: ECON 001AH. 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. Transfer: CSU/UC

SECTION #70312 BEGINS 10/14/19 CLASS ENDS 12/07/19  
70326  
H Kardevani ONLINE 1.00  
NOTE: Students enrolling in ECON 002AH #70326 must also enroll in ECON 001AH #70321. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information. You must be an Honors student to register for this course. For information about joining the Honors program, please go to: westvalley.edu/honors.

ECON 002B  PRINCIPLES OF MICROECONOMICS LAB
Co-requisite: ECON 001B. This online laboratory introduces 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. Transfer: CSU/UC

SECTION #70322 BEGINS 10/14/19 CLASS ENDS 12/07/19  
70322  
L Farivar ONLINE 1.00  
NOTE: Students enrolling in ECON 002B #70322 must also enroll in ECON 001B #70321. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

SECTION #70306 BEGINS 10/14/19 CLASS ENDS 12/07/19  
70306  
H Kardevani ONLINE 1.00  
NOTE: Students enrolling in ECON 002B #70306 must also enroll in ECON 001B #70305. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

SECTION #70302 BEGINS 10/14/19 CLASS ENDS 12/07/19  
70302  
S Liu ONLINE 1.00  
NOTE: Students enrolling in ECON 002B #70302 must also enroll in ECON 001B #70301. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

SECTION #70312 BEGINS 10/14/19 CLASS ENDS 12/07/19  
70312  
D Uy-Baretta ONLINE 1.00  
NOTE: Students enrolling in ECON 002B #70312 must also enroll in ECON 001B #70310. This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

SECTION #70326 BEGINS 10/14/19 CLASS ENDS 12/07/19  
70326  
H Kardevani ONLINE 1.00  
NOTE: Students enrolling in ECON 002B #70326 must also enroll in ECON 001B #70325. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

ENGINEERING

ENGR 010  INTRODUCTION TO ENGINEERING
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. Transfer: CSU/UC

70998  TTh  7:45AM - 10:45AM  T Sanford  V 8 4.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 9:20AM - 10:45AM.

N 71000  TTh  4:30PM - 7:30PM  Staff  CHE 133  4.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 6:05PM - 7:30PM.

ENGR 020  ENGINEERING GRAPHICS
This course is a study of basic technical drafting methods. This course covers the principles of engineering drawings in visually communicating engineering designs and advances the use of computer-aided design (CAD). Topics include the intermediate development of visualization skills; orthographic projections; architectural and mechanical dimensionalizing, design and tolerancing. Pass/No Pass Option. Transfer: CSU/UC

72159  TTh  10:55AM - 1:55PM  T Sanford  V 8 4.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 12:30PM - 1:55PM.

ENGR 025  INTRODUCTION TO MATERIALS
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. Transfer: CSU/UC

73095  MW  5:15PM - 7:40PM  I Chen  CHE 133  3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 6:15PM - 7:40PM.

ENGR 060  PROGRAMMING AND PROBLEM-SOLVING IN MATLAB
This course utilizes the MATLAB environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics. Pass/No Pass Option. Transfer: CSU/UC

72483  TTh  2:05PM - 4:40PM  T Sanford  V 8 3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:15PM - 4:40PM.

ENGR 098  INTRODUCTION TO CIRCUIT ANALYSIS
Advisory: MATH 003B, PHYS 004B. This is an introductory course in the analysis of DC and AC electric circuits using Kirchhoff’s laws, Ohm’s law, and Thevenin’s theorem. Pass/No Pass Option. Transfer: CSU/UC

72485  TTh  2:05PM - 3:30PM  S Rafati  CHE 133  3.00
Not Sure Which English Composition Class to Take?

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

**A**

ENGL 1A  
(3 transferable units)  
English Composition

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

OR

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

**B**

ENGL 1A  
(3 transferable units)  
English Composition

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

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

OR

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

**C**

ENGL 905X  
(5 non-transferable units)  
Accelerated English Fundamentals

ENGL 1A  
(3 transferable units)  
English Composition

OR

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

**D**

ENGL 903  
(3 non-transferable units)  
Basic Grammar and Sentence Structure

OR

LRSV 941B  
(3 non-transferable units)

ENGL 905  
(3 non-transferable units)  
English Fundamentals

OR

LRSV 941C  
(3 non-transferable units)

ENGL 1A  
(3 transferable units)  
English Composition

OR

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

OR

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

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

If you are unsure of which pathway to take or you answer YES to any of the questions below, make an appointment to see a counselor for placement guidance (408)741-2009.

☑ Did you attend high school more than 10 years ago?
☑ Do you have AP, SAT, or CLEP scores?
☑ Do you have military experience? Call a veteran’s counselor for an appointment (408) 741-2170.
☑ Did you take ESL/ELD classes?
☑ Did you have an IEP or 504 plan in High School or have a disability that impacts you academically? Call a DESP counselor for an appointment (408) 741-2010.

* Strongly recommended concurrent Support Class for students with a High School GPA below 1.9 and recommended for students with a High School GPA between 1.9 – 2.59.
# English as a Second Language

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Listening &amp; Speaking</strong></td>
<td><strong>Grammar &amp; Writing</strong></td>
<td><strong>Reading &amp; Vocabulary</strong></td>
<td><strong>Listening &amp; Speaking</strong></td>
<td><strong>Grammar &amp; Writing</strong></td>
</tr>
<tr>
<td>ESLW 961LS (4 Units) Basic Listening &amp; Speaking 1</td>
<td>ESLW 961GW (4 Units) Basic Grammar &amp; Writing 1</td>
<td>ESLW 961RV (4 Units) Basic Reading &amp; Vocabulary 1</td>
<td>ESLW 961LS (4 Units) Basic Listening &amp; Speaking 2</td>
<td>ESLW 964LS (4 Units) Basic Writing &amp; Speaking 1</td>
</tr>
<tr>
<td>ESLW 962LS (4 Units) Basic Listening &amp; Speaking 2</td>
<td>ESLW 962GW (3 Units) Basic Grammar &amp; Writing 2</td>
<td>ESLW 962RV (4 Units) Basic Reading &amp; Vocabulary 2</td>
<td>ESLW 962LS (4 Units) Oral Communication 1</td>
<td>ESLW 965LS (4 Units) Academic Listening &amp; Speaking 1</td>
</tr>
<tr>
<td>ESLW 963LS (4 Units) Oral Communication 2</td>
<td>ESLW 963GW (3 Units) Sentence Development</td>
<td>ESLW 963RV (3 Units) Intermediate Reading &amp; Vocabulary 1</td>
<td>ESLW 964LS (4 Units) Paragraph Development</td>
<td>ESLW 965GW (3 Units) Composition in ESL</td>
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<tr>
<td>ESLW 964RV (4 Units) Intermediate Reading &amp; Vocabulary 2</td>
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<td>ESLW 964RV (4 Units) Intermediate Reading &amp; Vocabulary 2</td>
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## ENGLISH

**ENGL 001A ENGLISH COMPOSITION**

Prerequisite: ENGL 905 or LRSV 941C or ENGL 905X or LRSV 942 or READ 961. 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. Transfer CSU/UC

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>ESLW 960</td>
<td>MW</td>
<td>7:45AM - 9:10AM</td>
<td>D Condon</td>
<td>LASS 48</td>
<td>3.00</td>
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<tr>
<td>ESLW 964</td>
<td>MW</td>
<td>9:20AM - 10:45AM</td>
<td>A Cattivera</td>
<td>LASS 45</td>
<td>3.00</td>
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<tr>
<td>ESLW 961</td>
<td>MW</td>
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<td>Davis</td>
<td>LASS 44</td>
<td>3.00</td>
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<tr>
<td>ESLW 962</td>
<td>MW</td>
<td>12:30PM - 1:55PM</td>
<td>W Davis</td>
<td>LASS 47</td>
<td>3.00</td>
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<tr>
<td>ESLW 963</td>
<td>MW</td>
<td>12:30PM - 1:55PM</td>
<td>N Cuttler</td>
<td>LASS 44</td>
<td>3.00</td>
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<tr>
<td>ESLW 964</td>
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<td>R Pape</td>
<td>LASS 45</td>
<td>3.00</td>
</tr>
<tr>
<td>ESLW 965</td>
<td>MW</td>
<td>12:30PM - 1:55PM</td>
<td>L Saito Liu</td>
<td>LASS 47</td>
<td>3.00</td>
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<tr>
<td>ESLW 966</td>
<td>MW</td>
<td>3:45PM - 5:10PM</td>
<td>C Stevenson</td>
<td>LASS 44</td>
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<tr>
<td>ESLW 967</td>
<td>MW</td>
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<td>J Girardi</td>
<td>LASS 47</td>
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<tr>
<td>ESLW 968</td>
<td>MW</td>
<td>9:20AM - 10:45AM</td>
<td>R Cisneros-Diaz</td>
<td>LASS 45</td>
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<tr>
<td>ESLW 969</td>
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<td>L Saito Liu</td>
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<tr>
<td>ESLW 970</td>
<td>MW</td>
<td>12:30PM - 1:55PM</td>
<td>J Girardi</td>
<td>LASS 47</td>
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</tr>
</tbody>
</table>

**NOTE:** The section above is intended for students eligible for English 905 but who wish to take English 1A. Students registering for this English 1A section must also register in the co-requisite English 099X section #72470.

**NOTE:** Only students in the First Year Experience program may register for this class. Please email wv.fye@westvalley.edu to enroll in the program.

**NOTE:** Students enrolling in the above class must be in the UMOJA PROGRAM and must be concurrently enrolled in Counseling 005 #70701.

**NOTE:** Only students in the First Year Experience program may register for this class. Please email wv.fye@westvalley.edu to enroll in the program.
ENGLISH 100C  CRITICAL THINKING AND WRITING
Prerequisite: ENGL 001A. This writing course focuses on critical thinking and formal argument writing, including the principles of classical argument structure and methods of reasoning. Transfer: CSU/UC

ENGLISH 200  SURVEY OF ENGLISH LITERATURE
Prerequisite: eligibility for English 1A OR successful completion of English 905 or completion of English 905X. This course surveys British literature from the Old English/Anglo-Saxon period through the 18th century. Pass/No Pass Option. Transfer: CSU/UC

ENGLISH 202A  AMERICAN LITERATURE
Prerequisite: Eligibility for ENGL 001A. This course surveys major American literary traditions from the colonial period through the Civil War. Pass/No Pass Option. Transfer: CSU/UC

ENGLISH 204  THE BIBLE AS LITERATURE
Advisory: ENGL 001A, READ 053. This course examines the Bible as an anthology, with each work influenced by its socio-political, historical, linguistic and literary background. The Biblical genres and devices, compilation, translation, and influence on English-language literature are also be examined. Pass/No Pass Option. Transfer: CSU/UC

ENGLISH 206  CONTEMPORARY AMERICAN MULTICULTURAL LITERATURE
Advisory: ENGL 001A, READ 053. 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. This course satisfies the 3-unit Cultural Diversity requirement for the associate degree. Pass/No Pass Option. Transfer: CSU/UC
ENGL 046H HONORS CONTEMPORARY AMERICAN MULTI-CULTURAL LITERATURE
Advisory: ENGL 001A, READ 055. 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. This course satisfies the 3-unit Cultural Diversity requirement for the associate degree. Transfer: CSU/UC
72427 TTh 12:30PM - 1:55PM W Davis FOX 201 3.00
NOTE: You must be an Honors student to register for this course. For information about joining the Honors program, please go to westvalley.edu/honors.

ENGL 049 MODERN FICTION
Advisory: ENGL 001A. 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. Transfer: CSU/UC
O 72416 L Burrill ONLINE 3.00
NOTE: Women, Gender, and Queer and Social Justice Studies focus. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

ENGL 070 CREATIVE WRITING
Prerequisite: ENGL 001A. Advisory: ENGL 1A and/or introduction to literature and eligibility for READ 53. This course provides an introduction to the practice and study of the craft of writing fiction and poetry. Critical analysis of student writing occurs during class workshops. Pass/No Pass Option. Transfer: CSU/UC
O 70264 L Harris ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

ENGL 080 VOICES: THE LITERARY ARTS MAGAZINE
Advisory: ENGL 905 or ENGL 905X. Pass/No Pass Option. Transfer: CSU
71676 MW 2:05PM - 3:20PM N Michals FOX 103 2.00
SECTION #71676 BEGINS 09/11/19 CLASS ENDS 12/04/19
NOTE: This is a LATE START course.

ENGL 099X SUPPLEMENTAL ENGLISH COMPOSITION
Co-requisite: ENGL001A. Prerequisite: READ 961 or LRSV 942 or LRSV 941B or ENGL 903. This course is intended for students eligible for English 905 but who wish to enroll in a designated co-requisite English 1A section to complete the sequence in one intensive semester. This course is part of a learning community that provides supplemental instruction through targeted practice on the techniques of critical reading, analysis of texts, essay writing processes, research skills, and the campus resources that enhance student success in English 1A. This course is not designed to meet the needs of ESL students. This course does not fulfill the English requirement for the Associate’s degree and is not a baccalaureate level course. Pass Only.
72418 MW 10:50AM - 11:50AMAM Cattivera LASS 45 2.00
NOTE: Students enrolling in the above class must also be concurrently enrolled in English 001A #72417
72454 MW 2:00PM - 3:00PM N Cuttler LASS 44 2.00
NOTE: Students enrolling in the above class must also be concurrently enrolled in English 001A #72452
72466 MW 3:35PM - 4:35PM B Black LASS 47 2.00
NOTE: Students enrolling in the above class must also be concurrently enrolled in English 001A #72464
72405 MW 3:45PM - 4:45PM V Kalivitis LASS 40 2.00
NOTE: Students enrolling in the above class must also be concurrently enrolled in English 001A #72405
72470 TTh 10:50AM - 11:50AMAM Cisneros-Diaz LASS 46 2.00
NOTE: Students enrolling in the above class must also be concurrently enrolled in English 001A #72468

ENGL 903 BASIC GRAMMAR AND SENTENCE STRUCTURE
This course provides a basic foundation for developing college-level writing skills. Students in this course have the opportunity to improve grammar, sentence structure, and vocabulary while developing strategies for writing well-structured paragraphs. Course is not designed to meet the needs of ESL students. A grade of “pass” qualifies the student for English 905. This course does not fulfill the English requirement for the Associate degree and is not a baccalaureate level course. Pass Only.
70347 MW 10:55AM - 12:20PM C Jones LASS 46 3.00
NOTE: ESL students should consult the ESL department’s course offerings and complete any appropriate placement tests or prerequisites.

ENGL 905 ENGLISH FUNDAMENTALS-A PREPARATORY COURSE
Prerequisite: ENGL 903. This course provides the necessary foundation for college-level writing and prepares students for English 001A. Students in this course have the opportunity to learn and practice the writing process, focusing on greater proficiency in writing multi-paragraph essays. The course covers the main elements of sound essays including thesis statements, supporting details and evidence, organization, coherence and basic research techniques. Students have the opportunity to develop various writing strategies and practice writing skills using classroom computers. Pass Only.
70273 MW 9:20AM - 10:45AM C Jones LASS 47 3.00
70277 TTh 9:20AM - 10:45AM C Stevenson CAWLAB 3.00

ENGLISH AS A SECOND LANGUAGE
ESLW 960 FOUNDATIONS IN ESL
This course provides basic functional practice in reading, writing, listening, speaking, and grammar for low-beginning level ESL students. It also provides preparation for placement into ESLW 961 classes. Oral communication tasks involve the comprehension and production of basic verbal instructions and requests, communication strategies, pronunciation, and vocabulary usage. Written communication tasks include completion of grammar exercises and short written assignments. Students are given the opportunity to develop basic study skills such as time management, and to complete simple tasks involving the library, dictionary, and computer. Pass/No Pass Option.
70093 MWF 8:15AM - 10:20AM L Bell LASS 36 6.00
SECTION #70093 BEGINS 09/04/19 CLASS ENDS 12/04/19
NOTE: This is a LATE START course.
ESLW 961LS BASIC LISTENING AND SPEAKING 1
Prerequisite: ESLW 960. Advisory: ESLW 961GW and ESLW 961RV. This course is designed to improve the listening and speaking skills of ESL students at the high-beginning level. This course gives students the opportunity to develop comprehension of verbal instructions, vocabulary in context, and ideas in sentences, monologues, and dialogs. Students are given the opportunity to develop clear pronunciation of common words, phrases, and pronunciation patterns of stress and intonation in English. Pass/No Pass Option.
70095 TTh 8:40AM - 10:45AM A Wasserbauer LASS 37 4.00

ESLW 961RV BASIC READING AND VOCABULARY 1
Prerequisite: ESLW 960. Advisory: ESLW 961GW and ESLW 961LS. This course emphasizes reading and vocabulary development of ESL students at a basic level. This course gives students the opportunity to develop reading skills and increase their active vocabulary through adapted readings about real people, places, events, and ideas using the most common 1500 English words. Materials and class discussions are designed to increase knowledge of American culture necessary for understanding concepts and texts in English. Pass/No Pass Option.
72548 F 9:00AM - 1:35PM S Ortega LASS 38 4.00

ESLW 962GW BASIC GRAMMAR AND WRITING 1
Prerequisite: ESLW 61GW or ESLW 961GW or completion of ESLW 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.
70096 MW 12:30PM - 1:55PM G Barta LASS 36 3.00
70108 TTh 12:30PM - 1:55PM G Barta LASS 36 3.00

ESLW 962LS BASIC LISTENING AND SPEAKING 2
Prerequisite: ESLW 961LS. Advisory: ESLW 962GW and ESLW 962RV. This course is designed to improve the basic listening and speaking skills of ESL students by providing instruction and extensive practice in identifying the central message of extended speech. Students are provided the opportunity to comprehend familiar topics spoken by a native speaker at a reduced speed. Topics include current events and issues, life experience, past, and future events, and cultural comparisons. The focus is on American English pronunciation, word endings, word stress, sentence rhythm, and usage of the 3000 most common English words. Pass/No Pass Option.
72546 TTh 8:40AM - 10:45AM L Bell LASS 36 4.00

ESLW 962RV BASIC READING AND VOCABULARY 2
Prerequisite: ESLW 961RV; Advisory: It is strongly recommended that students enroll concurrently in ESLW 962GW and 962LS. ESLW 962RV is a low-intermediate reading comprehension and vocabulary course for non-native 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.
70110 MW 9:20AM - 10:45AM C Fathman LASS 37 3.00

ESLW 963GW SENTENCE DEVELOPMENT
Prerequisite: ESLW 962GW or ESLW 962RV or completion of ESLW assessment; Advisory: It is strongly recommended that students enroll concurrently in ESLW 963LS and ESLW 963RV. This course gives students the opportunity to develop writing fluency at the sentence and paragraph level through study and practice of compound and complex sentence patterns and organizational patterns used in standard written English. Pass/No Pass Option.
70111 MW 8:40AM - 10:05AM A Wasserbauer LASS 38 3.00
70112 TTh 9:20AM - 10:45AM S Lee LASS 38 3.00

ESLW 963LS ORAL COMMUNICATION 1
Prerequisite: ESLW 962LS. Advisory: ESLW 963RV and ESLW 963GW. The course is designed to provide instruction and extensive practice in comprehending the significant details of familiar and unfamiliar topics spoken by a native speaker at a natural speed. Speaking and listening practice includes note-taking, giving opinions, summarizing, discussing, speculating, predicting, and giving short presentations. The focus is on American English intonation, thought groups, connected speech, and usage of the 5000 most common English words. Pass/No Pass Option.
72533 MW 12:30PM - 2:35PM S Ortega LASS 38 4.00
72535 TTh 12:30PM - 2:35PM S Ortega LASS 37 4.00

ESLW 963RV INTERMEDIATE READING AND VOCABULARY 1
Prerequisite: ESLW 962RV. Advisory: It is strongly recommended that students enroll concurrently in ESLW 963GW and ESLW 963LS. ESLW 963RV is an intermediate reading & vocabulary course for non-native speakers of English. The course focuses on vocabulary development and reading comprehension through reading strategies, skimming, scanning, organizational patterns and structure, summarizing, and word-pair analogies. Pass/No Pass Option.
70114 MW 10:55AM - 12:20PM G Barta LASS 36 3.00
70113 TTh 10:55AM - 12:20PM G Barta LASS 36 3.00

ESLW 964GW PARAGRAPH DEVELOPMENT
Prerequisite: ESLW 963GW. Advisory: ESLW 964LS and ESLW 964RV. This course gives students the opportunity to develop the ability to write varied complex sentences and effective paragraphs in standard written English. The course focuses on study and practice of complex sentence structures, and writing techniques including outlining and basic rhetorical patterns. Pass/ No Pass Option.
71646 TTh 10:55AM - 12:20PM S Lee LASS 38 3.00

ESLW 964LS ORAL COMMUNICATION 2
Prerequisite: ESLW 963LS. Advisory: ESLW 964GW and ESLW 964RV. This course is designed to provide instruction and extensive practice in oral communication and in comprehending academic lectures adapted for English language learners. Speaking and listening practice includes identifying main concepts and summarizing using academic vocabulary and reported speech, producing outlines, and describing hypothetical situations. The focus is on usage of the 7000 most common English words and most common academic vocabulary. Pass/No Pass Option.
72547 F 9:20AM - 1:35PM A Wasserbauer LASS 37 4.00

ESLW 964RV INTERMEDIATE READING AND VOCABULARY 2
Prerequisite: ESLW 963RV; Advisory: It is strongly recommended that students enroll concurrently in ESLW 964GW and 964LS. This is a reading and vocabulary development course for ESL students which continues the development of skills from ESLW 63RV. Emphasis is on paraphrasing, summarizing using academic vocabulary and reported speech, producing outlines, and describing hypothetical situations. The focus is on usage of the 5000 most common English words and most common academic vocabulary. Pass/No Pass Option.
70120 MW 10:55AM - 12:20PM C Fathman LASS 37 3.00

ESLW 065GW COMPOSITION IN ENGLISH AS A SECOND LANGUAGE
Prerequisite: ESLW 964GW. Advisory: ESLW 065RV and ESLW 065LS. This course provides students with the opportunity to develop fluency in writing expository paragraphs in standard written English and introduces essay structure. The focus is on the study and practice of thesis statements, rhetorical patterns, organization of an essay, coherence and the writing process. Pass/ No Pass Option. Transfer: CSU/UC.
72530 MW 10:15AM - 12:20PM G Bell LASS 38 4.00

ESLW 065LS ACADEMIC LISTENING & SPEAKING
Prerequisite: ESLW 964LS. Advisory: ESLW 065GW and ESLW 065RV. This course is designed to provide instruction and extensive practice in academic listening and speaking such as comprehending academic lectures, note-taking, producing original speeches, analyzing hypothetical situations and becoming proficient in academic discourse. The focus is on usage of the 10,000 most common English words, including academic vocabulary. Pass/ No Pass Option. Transfer: CSU
72549 MW 12:30PM - 2:35PM C Fathman LASS 37 4.00
ESLW 065RV  ACAD EM READING AND VOCABULARY
Prerequisite: ESLW 64RV or ESLW 964RV or completion of ESLW assessment.
Advisory: It is strongly recommended that students enroll concurrently in ESLW 05LS and ESLW 05GW. This course emphasizes reading and vocabulary
development for ESL students at an advanced level. Students read articles that are longer and more complex than in ESLW 064RV. Emphasis is on
paraphrasing, summarizing, and analysis of texts to make abstract inferences and recognize propaganda. Pass/No Pass Option. Transfer: CSU
71679 F 10:15AM - 1:25PM G Barta LASS 31 3.00

FASHION DESIGN AND APPAREL TECHNOLOGIES

FDAT 020  COUTURE EMBELLISHMENT
This course provides students the opportunity to learn embellishment techni-
ques used in the couture fashion industry and explore their use for the
enhancement of contemporary designs. Pass/No Pass Option. Transfer: CSU
70133 TTh 10:55AM - 12:20PM Keller CIL 110 3.00

FDAT 030  INTRODUCTION TO FASHION DESIGN
This course presents general information about the global fashion industry,
its evolution, historical periods and cultural context. Students are exposed
to and discuss the development of the fashion industry and major trends
in the field. Pass/No Pass Option. Transfer: CSU
70134 MW 9:20AM - 10:45AM Markelz/Evifimou CIL 113 3.00

FDAT 032  HISTORY OF FASHION
This class covers the historical development of Western fashions/costumes
with emphasis on the period from 1660 to the present. The effect of a his-
torical period on the fashions of the times is explored with an emphasis on
their contribution to the field of fashion. Pass/No Pass Option. Transfer: CSU
70135 TTh 9:20AM - 10:45AM K Min CIL 113 3.00

FDAT 044  FASHION DRAWING
This course introduces the techniques for drawing apparel. These techniques
include principles of fashion figure proportion, garment styling, and fabric render-
ing. 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 enter-
ing any apparel design career and is helpful to those entering an apparel
manufacturing or patternmaking career. Pass/No Pass Option. Transfer: CSU
70136 TTh 12:30PM - 1:55PM K Min CIL 113 3.00

FDAT 051  BASIC APPAREL CONSTRUCTION
This course provides students the opportunity to use basic industry stand-
ard construction techniques and sequences for mass production of apparel.
Working in a mock-factory setting, students have the opportunity to oper-
ate and maintain sewing equipment while completing several basic garments.
Pass/No Pass Option. Transfer: CSU
70138 F 9:20AM - 2:45PM T Keller CIL 110 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 11:35AM - 2:45PM.

FDAT 052A  FABRIC ANALYSIS 1
Fabric information applicable to apparel and other textile related products are
presented with emphasis on the analysis of fibers, yarns, fabric construction,
coloration and finishes as they relate to textile end products. The course pro-
vides students the opportunity to perform hands-on experiments to reinforce
basic information and expand working knowledge of fabrics. Pass/No Pass Option. Transfer: CSU
70143 MW 12:30PM - 1:55PM N Markelz CIL 113 3.00

FDAT 055  APPAREL MANUFACTURING
This course is an introduction to the industrial process of apparel manufactur-
ing including garment construction and assembly techniques, factory meth-
odis of mass production, operation of industrial power equipment, and the
processes of work flow and production management. Pass/No Pass Option. Transfer: CSU
70190 MW 6:00PM - 8:25PM T Keller CIL 110 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 7:00PM - 8:25PM.

FDAT 056  PATTERNMAKING 1
This course covers the methods of creating flat patterns for workroom sample
garments using fashion industry professional patternmaking techniques. Stu-
dents have the opportunity to create style variations by manipulating basic
pattern blocks. Students also have the opportunity to transfer designs from
sketches into usable first sample patterns for apparel production. Pass/No Pass Option. Transfer: CSU
70181 MW 2:05PM - 4:30PM A Evifimou CIL 110 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 2:05PM - 4:30PM.

FDAT 057  PATTERNMAKING 2
Prerequisite: FDAT 056. This course is a continuation of Patternmaking 1.
Advanced flat patternmaking techniques are emphasized for both woven
and knit fabrics. Students have the opportunity to create style variations for
sportswear and outerwear designs using basic patterns drafted from mea-
surements. Students also have the opportunity to develop, construct and test
first patterns and sample garments to fit on industry dress forms. All projects
are produced using industry dress forms and industry equipment in the Fash-
ion Design lab. Pass/No Pass Option. Transfer: CSU
70182 TTh 2:05PM - 4:30PM T Keller CIL 110 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:05PM - 4:30PM.

FDAT 066  TECHNICAL DESIGN
Advisory: FDAT 087. This course covers computer techniques for creating gar-
ment specification packages for apparel manufacturing. Students have the
opportunity to learn to import technical drawings into spreadsheets and add accurate measurements to create professional spec packages. Pass/ No Pass Option. Transfer: CSU
70183 W 2:05PM - 5:15PM K Min CIL 125 2.00
SECTION #70183 BEGINS 08/28/19 CLASS ENDS 10/30/19

FDAT 070  ELEMENTS & PRINCIPLES OF DESIGN
This course introduces students to the basic design elements and principles
as they apply to fashion design. The effect of silhouette, proportion, line and
color are explored with the emphasis on developing an aesthetic awareness of
good design. Pass/No Pass Option. Transfer: CSU
70187 MW 10:55AM - 12:20PM/Min CIL 113 3.00

FDAT 076  CREATIVE APPAREL DESIGN
Prerequisite: FDAT 044, 052A, 070. Advisory: FD 056 and FD 058. This course explores the creative process of apparel design and the development of
groups and collections. Students have the opportunity to learn the process
of designing for specific markets, seasons, and price categories, and to develop
designs within their chosen area of interest. Methods of organizing and pre-
senting design concepts are stressed. Pass/No Pass Option. Transfer: CSU
70141 M 2:05PM - 5:15PM K Min CIL 113 3.00

FDAT 084  FASHION DESIGN INTERNSHIP
Advisory: FDAT 030, FDAT 044, FDAT 052A, FDAT 056 and Eligibility for ENGL
1A & READ 053. 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. Pass/No Pass Option. Transfer: CSU
70193 M 12:30PM - 1:35PM K Min CIL 113 3.00

FRENCH

FRNC 001A  BEGINNING FRENCH
This course is designed to teach the fundamentals of French grammar and
pronunciation, basic skills in speaking, writing and understanding the spoken
and written word, and to introduce Francophone cultures. Pass/No Pass Option. Transfer: CSU/UC
70477 MW 9:20AM - 11:50AM A Brichko LASS 43 5.00
70478 TTh 12:30PM - 3:00PM Staff LASS 43 5.00

FRNC 001B  BEGINNING FRENCH
Prerequisite: FRNC 001A or its equivalent. This course continues develop-
ment of the language skills in speaking, writing and understanding the spoken
and written French, and further explores cultures of the Francophone world
begun in French 001A. Pass/No Pass Option. Transfer: CSU/UC
70479 MW 12:30PM - 2:25PM A Brichko LASS 43 5.00
FRNC 002A  INTERMEDIATE FRENCH
Prerequisite: FRNC 001B or its equivalent. Students will review basic grammar and learn new structures and vocabulary while furthering their knowledge of the customs and cultures of France and other French-speaking countries. Conversation and oral and written drills will be emphasized, as well as practice in written composition. Examples of different styles of literature will be introduced to enhance reading skills. Pass/No Pass Option. Transfer: CSU/UC
70480  TTh  9:20AM - 11:50AM A Brichko LASS 43  5.00

FRNC 002B  INTERMEDIATE FRENCH
Prerequisite: FRNC 002A or its equivalent. Continuation of French 002A. Pass/No Pass Option. Transfer: UC/CSU Pass/No Pass Option. Transfer: CSU/UC
70481  TTh  9:20AM - 11:50AM A Brichko LASS 43  5.00

FRNC 003A  ADVANCED FRENCH ORAL AND WRITTEN COMPOSITION
Prerequisite: FRNC 002B or its equivalent. Enrichment of written and oral proficiency. Pass/No Pass Option. Transfer: CSU/UC
70492  TTh  9:20AM - 11:50AM A Brichko LASS 43  5.00

FRNC 003B  ADVANCED FRENCH ORAL AND WRITTEN COMPOSITION
Prerequisite: FRNC 003A or its equivalent. This is a continuation of French 003A. It centers on the intensive use of the French language for enrichment of oral and written proficiency. Students will enhance their knowledge of French grammar and develop idiomatic expression while emphasizing written and oral composition. The course will include analysis of short works of French literature and selected contemporary publications. Listening comprehension will be enhanced through videos and native guest speakers. Pass/No Pass Option. Transfer: CSU/UC
73052  TTh  9:20AM - 11:50AM A Brichko LASS 43  5.00

FRNC 011A  FRENCH LABORATORY
Advisory: FRNC 001A. This is an online laboratory course designed to give students the opportunity to improve and reinforce their French language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one’s self, describing daily life activities, and exchanging information about pastimes. It explores French culture using language skills, such as introducing one’s self, describing daily life activities, and expressing traditional and family. This course benefits people conducting business with foreign countries. Pass/No Pass Option. Transfer: CSU/UC
72389  T  6:00PM - 9:10PM A Barbu LASS 43  3.00

FRNC 050B  BASIC FRENCH CONVERSATION AND CULTURE
Prerequisite: FRNC 050A or demonstrated subject proficiency. This course is designed for those who already have a basic knowledge of the French language and would like to expand it. The course emphasizes conversation, vocabulary-building, and problem solving tasks. A variety of classroom activities permit students the opportunity to actively use the language while studying it. This course may be beneficial for people who conduct business with foreign countries. Pass/No Pass Option. Transfer: CSU
70091  MW  9:20AM - 10:45AM J Hasty LASS 39  3.00
70092  MW  12:30PM - 2:15PM J Hasty LASS 39  3.00

FRNC 051B  INTERMEDIATE FRENCH CONVERSATION AND CULTURE
Prerequisite: FRNC 051A. This course is a continuation of FRNC 051A. Conversation is emphasized, along with vocabulary acquisition and idiomatic expression. The course includes cultural topics and a review of basic grammar structures. Pass/No Pass Option. Transfer: CSU
72390  T  6:00PM - 9:10PM A Barbu LASS 43  3.00

GEOGRAPHIC INFORMATION SYSTEMS TECHNOLOGY

GIST 016A  INTRODUCTION TO GEOSPATIAL TECHNOLOGY
This course examines the theory behind Geographic Information Systems (GIS), Global Positioning Systems (GPS) and Remote Sensing and their application to spatial data. This course is designed to take an interdisciplinary approach to GIS and demonstrate its capability for analysis and decision making in diverse industries and academic disciplines. Students have the opportunity to use the most current desktop software and online applications to find solutions and develop methods to solve problems using spatial data. Transfer: CSU
72845  M  6:30PM - 9:40PM C Cruz CHE 131  3.00

GEOGRAPHY

GEOG 001  INTRO PHYSICAL GEOGRAPHY
This course is a spatial study of the Earth’s dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions. Tools of geographic inquiry are briefly covered; they may include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS). Pass/No Pass Option. Transfer: CSU/UC
71998  MW  10:55AM - 12:20PM J Hasty LASS 39  3.00
71999  MW  12:30PM - 2:15PM J Hasty LASS 39  3.00
72000  J Hasty ONLINE 3.00

SECTION #72000 BEGINS 10/14/19 CLASS ENDS 12/04/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
72001  J Hasty ONLINE 3.00

NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

GEOG 002  INTRO CULTURAL GEOGRAPHY
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. Transfer: CSU/UC
70091  MW  9:20AM - 10:45AM J Hasty LASS 39  3.00
70092  J Hasty ONLINE 3.00

SECTION #70092 BEGINS 10/14/19 CLASS ENDS 12/04/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
**GEOL 001A PHYSICAL GEOLOGY**
This course provides an introduction to the principles of geology with emphasis on Earth processes. Course emphasis is on the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and effects of tectonic activity. Pass/No Pass Option. Transfer: CSU/UC

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**GEOL 001B HISTORICAL GEOLOGY**
Advisory: GEOL 001A or GEOL 001AH. 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. Transfer: CSU/UC

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**GEOL 015 GEOLOGY OF CALIFORNIA**
This course investigates the geologic development of California in space and time as shown by sedimentary, igneous, and metamorphic rocks and associated faults, folds and land forms. A background of earth science, although not produced in detail. Pass/No Pass Option. Transfer: CSU/UC

**CLASS INFORMATION — Fall 2019**

**GEOLOGY**

**GERM 001A BEGINNING GERMAN**
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 (comprehension, speaking, reading, and writing) and the understanding of German-speaking cultures. Pass/No Pass Option. Transfer: CSU/UC

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<td>J Conza-Roman</td>
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**GERM 001B BEGINNING GERMAN**
Prerequisite: GERM 001A or its equivalent. This course continues the development of basic skills for communication in German 001A: listening, speaking, reading, writing, and offers further exploration of the German culture begun in German 001A. It covers more complex grammar and communicative functions such as: narrating an event in the past, expressing one’s opinions using subjunctive, and giving formal and informal commands, among others. Pass/No Pass Option. Transfer: CSU/UC

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**GERM 011A GERMAN LABORATORY**
Advisory: GERM 001A. This is an online laboratory course designed to give students the opportunity to improve and reinforce their German language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one’s self, describing daily life activities, and exchanging information about past times. It explores German culture using language computer programs, and a variety of other technologies, media, Internet resources, and films. This course is recommended for students enrolled in German 1A to further enhance 1A course material, but it may be taken independently by students who are not enrolled in a foreign language lecture course. Pass/No Pass Option. Transfer: CSU

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**GERM 011B GERMAN LABORATORY**
Advisory: GERM 001B. This is a laboratory course designed as a continuation of German 11A. The focus is on speaking and listening. It allows students the opportunity to improve and reinforce their language skills and increase their knowledge of the culture of German speaking countries through study of movies, using a variety of technologies, media, Internet resources. The course is recommended for students enrolled in German 001B, and is designed to further enhance 1B course material. German 011B may also be taken independently by students who are not enrolled in a foreign language lecture course. Pass/No Pass Option. Transfer: CSU

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**HEALTH CARE TECHNOLOGIES**

**HTCH 001 INTRODUCTION TO HEALTH CARE**
Survey of the health care delivery system, the history of medicine and the development of the health care ancillary fields. Orientation to the department and programs. This course is required during the student’s first semester in the Health Care Technologies Department. Students from all of our programs will be required to take this course. Pass/No Pass Option.

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**HTCH 002 MEDICAL INFORMATION PROCESSING**
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.

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*Note: This is a HYBRID course that meets weekly IN-PERSON and ONLINE using Canvas (wvm.instructure.com); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.*
HTCH 004  STRUCTURE AND FUNCTION OF THE HUMAN BODY
This course is designed specifically for, but not limited to, students in the Health Care Technology programs. The students have the opportunity to learn the basic anatomical and physiological components associated with each body system. Transfer: CSU
70330 T 2:05PM - 4:30PM  K Gaiero  CIL 109  3.00
+ LAB Th 2:05PM - 3:30PM  K Gaiero  CIL 109
NOTE: Course includes lecture on Tuesdays and lab on Thursdays.

HTCH 005  BASIC MEDICAL TERMINOLOGY
This course provides a basic understanding of word parts and how they are combined to form medical terms. Emphasis is on major organ systems and related specialties and pathologies with concentration on building vocabulary, with correct pronunciation and usage. Pass/No Pass Option. Transfer: CSU
N 70286 TTh 6:00PM - 6:25PM  K Gaiero  CIL 109  3.00
O 71703  F Javanmardian  ONLINE  3.00
SECTION #71703 BEGINS 09/23/19  CLASS ENDS 12/13/19
NOTE: This is an accelerated 12-week course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearn/schedule for class and instructor contact information.

HTCH 006  ADVANCED MEDICAL TERMINOLOGY
Prerequisite: HTCH 005. 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. Transfer: CSU
O 72644  F Javanmardian  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearn/schedule for class and instructor contact information.

HTCH 007  MEDICAL ETHICS & LAW
This course covers medical ethics and law in the Health Care Profession. The areas covered are: bio-ethical issues, medical practice acts, legal relationships and responsibilities, invasions of privacy, medical professional liability, the litigation process, avoiding unjustified malpractice/negligence claims, and the exploration of relevant current issues. Transfer: CSU
70285 Th 10:55AM - 1:00PM  K Gaiero  CIL 109  2.00

HTCH 008  COMMUNICATION FOR HEALTH CARE PERSONNEL
This course will provide instruction for the health care provider in the concept of team membership. Styles of communication, human needs, individual differences and cultural biases will be examined. The behavior, needs, and method of communication required by differing 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) will be represented.
70290 M 2:05PM - 4:10PM  F Javanmardian  CIL 109  2.00

HTCH 041  MEDICAL OFFICE BUSINESS PROCEDURES
Advisory: HTCH 005. 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. Transfer: CSU
H 72075 T 10:55AM - 2:05PM  F Javanmardian  CIL 109  3.00
+ LAB M 9:50AM - 12:50PM  F Javanmardian  CIL 109
NOTE: This is a HYBRID course that meets weekly IN-PERSON and ONLINE using Canvas (wvm.instructure.com); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.

HTCH 042  INSURANCE BILLING AND CODING
Advisory: HTCH 005. This course covers the theory and practice of: ICD-10-CM (diagnostic) and CPT (procedural) coding; billing of private and government health insurance programs for the medical office. Pass/No Pass Option. Transfer: CSU
70604  F Javanmardian  ONLINE  2.00
+ LAB M 9:50AM - 12:50PM  F Javanmardian  CIL 109
NOTE: This is a HYBRID course that meets weekly IN-PERSON and ONLINE using Canvas (wvm.instructure.com); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.

HTCH 044  ELECTRONIC MEDICAL RECORDS
Prerequisite: HTCH 005. Advisory: HTCH 041. This course covers instruction on Electronic Medical Records (EMR). 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. Students have the opportunity to develop progress notes, templates, flow sheets, smart forms and order sets using features in the EMR environment. Pass/No Pass Option. Transfer: CSU
70607 MW 7:45AM - 9:50AM  F Javanmardian  CIL 123  2.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 8:50AM - 9:50AM and W from 7:45AM - 9:50AM.

HTCH 054A  INTERNSHIP FOR HEALTH CARE TECHNOLOGIES
71698 K Gaiero  2.00
NOTE: SECT #71698 BEGINS 10/21/19  CLASS ENDS 12/14/19
NOTE: Student MUST contact instructor for Add Code or Add Slip PRIOR TO THE LAST DAY TO ADD. Contact instructor via email (preferred) at kris.gaiero@wvm.edu and she will email you the Request for Internship packet. Or you can contact her by phone at (408) 741-4019. Completed Request for Internship must be submitted to the instructor PRIOR TO BEGINNING YOUR INTERNSHIP.
7510 K Gaiero  2.00
NOTE: SECT #75110 BEGINS 08/24/19  CLASS ENDS 10/18/19
NOTE: Student MUST contact instructor for Add Code or Add Slip PRIOR TO THE LAST DAY TO ADD. Contact instructor via email (preferred) at kris.gaiero@wvm.edu and she will email you the Request for Internship packet. Or you can contact her by phone at (408) 741-4019. Completed Request for Internship must be submitted to the instructor PRIOR TO BEGINNING YOUR INTERNSHIP.

HTCH 055  VITAL SIGNS AND CHARTING
Advisory: HTCH 005, MATH 902, MATH 902P. Instructions in the duties and responsibilities of the clinical area: preparing the medical office: 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.
N 70336 W 4:25PM - 8:35PM  K Gaiero  CIL 109  2.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 5:25PM - 8:35PM.

HTCH 063  MEDICATION ADMINISTRATION
Advisory: HTCH 005. 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. Transfer: CSU
70337 W 12:30PM - 3:05PM  K Gaiero  CIL 109  1.50
NOTE: Mandatory: Fee for ordered material necessary to achieve course objectives provided at cost, $15. Class meeting time is for the lecture and lab. Lab portion meets W from 1:40PM - 3:05PM.

WRKX 303  OCCUPATIONAL WORK EXPERIENCE
This course involves the supervised employment of students in positions which are related with their selected field of study, thereby extending the learning experiences of the classroom to the field. The program provides students with the opportunity to increase their understanding of the world of work and explore their chosen field of work. Units of credit are awarded on the basis of number of hours of employment per week and the successful completion of learning objectives. Students may not enroll in more than sixteen (16) units that are directly related to occupational work experience, whether from one department or from multiple departments, or general work experience. Pass/No Pass Option. Transfer: CSU
72832  K Gaiero  2.00
NOTE: SECT #72832 BEGINS 10/14/19  CLASS ENDS 12/14/19
HEALTH SCIENCE

HSCI 003 CPR / AED - BASIC LIFE SUPPORT FOR PROFESSIONALS AND PROVIDERS
This course is designed for individuals with a professional duty to respond to emergencies, including healthcare professionals and other personnel in a wide variety of in-facility and prehospital settings. The course focuses on the cardiac chain of survival, and how to recognize and respond to cardiac and respiratory emergencies for the adult, child, and infant. Additional topics include the principles and application of one and two person CPR and the Automated External Defibrillator, the Bag-Value-Mask, victim and rescuer safety, the prevention of disease transmission, and team dynamics. Successful completion leads to certification in "Basic Life Support for Providers" of the American Heart Association. Pass Only. Transfer: CSU/UC

HSCI 008 CONTEMPORARY HEALTH
This course examines concepts of health from multiple perspectives and considers the biological, psychological, and sociological aspects of health in our contemporary world. Topics include, but are not limited to stress, nutrition, weight management, alcohol, tobacco, drugs, sexual health, exercise, psychological health, chronic disease, minority health, aging and dying. We also consider current world and public health events, cultural differences, and other significant contributions to the study of health. Pass/No Pass Option. Transfer: CSU/UC

HSCI 010 HUMAN SEXUALITY
This course surveys Human Sexuality using a multifaceted approach that includes the biological, psychological, historical, and sociological perspectives. Topics may include sexual attitude and values, the physiology of human sexual response, structure and function of sexual structures, sexual dysfunction, sexual orientation, gender identity and roles, relationships, sexual variation, reproduction, contraception, and sexual decision-making. Legal issues are addressed as well as the major contributors of sexual research. Pass/No Pass Option. Transfer: CSU/UC

HSCI 012 UNDERSTANDING STRESS - A MULTIDISCIPLINARY PERSPECTIVE
This course examines stress from multiple perspectives and considers the biological, psychological, and sociological aspects. A theoretical framework is developed to examine theories and strategies that address the cognitive, physiological, and behavioral components of stress across the lifespan in our contemporary world. Emphasis on the development of strategies to enhance academic, personal, and social development. Diversity and stress are examined, as well as the relation of the stress process to health, disease, lifestyle, and the sociocultural environment. Pass/No Pass Option. Transfer: CSU/UC

HISTORY

HIST 004B WESTERN CIVILIZATION II: 1500 CE TO PRESENT
History 004B is a survey of the political, social, economic and cultural developments of western civilization from 1600 to the present. Transfer: CSU/UC

HIST 005B WORLD HISTORY FROM 1500
This course provides a comparative and interactive investigation of World History as related to the development of the modern world. Five geographic areas surveyed include: Africa, Asia/Pacific Islands, Europe, North and South America. Students are introduced with 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. Transfer: CSU/UC

HIST 012 AFRICAN AMERICAN HISTORY
This course surveys the political, economic, and social developments of African-Americans from the 1619 to the present. Topics include Africans before European contact and slavery in the US, abolitionism, the Civil War, Reconstruction, the rise and resistance to Jim Crow, WWII, the Civil Rights movement, and the present state of African-Americans. Pass/No Pass Option. Transfer: CSU/UC

HIST 014 HISTORY OF THE NATIVE NORTH AMERICAN
This course is a history of Native Americans who lived in the area that is now the United States from pre-European settlement to the present day. It includes the primary political, economic and social factors of American historical development, emphasizing their effects on Native Americans. In conjunction with this historical perspective, the course stresses the ecological lifestyle of Native Americans, exclusive of the Indians of Mexico. Pass/No Pass Option. Transfer: CSU/UC

HIST 016 MEXICAN-AMERICAN HISTORY
This course introduces students to the history of the United States and the Mexican-American experience from the Colonial Period to the present. The course emphasizes the role and life experiences of Mexican-Americans in the historical evolution of the political, economic and socio-cultural institutions of the United States. Pass/No Pass Option. Transfer: CSU/UC
This course is a survey of the political, economic, and social and cultural development of the United States from the pre-Colonial period through the Civil War. Topics covered include indigenous and European influence on the development of the colonies, the causes and consequences of the War of Independence, the ideological origins of republicanism and principles of the United States Constitution, early industrialization, westward expansion, foreign policy, sectional conflict, slavery and its impact on race relations, abolition and other reform movements, and the Civil War. Pass/No Pass Option. Transfer: CSU/UC

70065 MW 10:55AM - 12:20PM J Kelly  LASS 26  3.00
70059 TTh  9:20AM - 10:45AM S Juarez  LASS 20  3.00
70060 TTh 12:30PM - 1:55PM M Pritchard  LASS 24  3.00
N 70064 T  6:30PM - 9:40PM O Bradley  FOX 107  3.00
N 72076 W  6:30PM - 9:40PM B Ravey  FOX 101  3.00
O 70061 S Juarez  ONLINE  3.00
NOTE: This section meets only ON-LINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

O 70067 S Juarez  ONLINE  3.00
SECTION #70067 BEGINS 10/28/19 CLASS ENDS 12/04/19
NOTE: This is a LATE START course. This section meets only ON-LINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

O 70062 S Juarez  ONLINE  3.00
NOTE: This section meets only ON-LINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

This course is a survey of the political, economic, and social and cultural development of the United States from Reconstruction to the present. Topics covered include Reconstruction, Native American culture and western settlement, Industrialization, the Progressive Era, World War I, the Twenties, the New Deal, and World War II. Also covered are domestic, social, and foreign policy issues of the post-World War II period from the 1950s through the 1990s, including reform movements, Vietnam, the Civil Rights and other ethnic movements, the Feminist Movement, popular culture, and post-Cold War foreign policy. Pass/No Pass Option. Transfer: CSU/UC

70072 MW 10:55AM - 12:20P MJitchard  LASS 24  3.00
70084 MW  2:05PM - 3:30PM M Pritchard  LASS 24  3.00
70070 TTh 10:55AM - 12:20PM M Juarez  LASS 20  3.00
73096 TTh 12:30PM - 1:55PM J Kelly  LASS 26  3.00
70073 F 9:20AM - 12:30PM O Bradley  LASS 26  3.00
N 70089 M  6:30PM - 9:40PM B Ravey  FOX 101  3.00
O 70085 J Kelly  ONLINE  3.00
SECTION #70085 BEGINS 10/14/19 CLASS ENDS 12/04/19
NOTE: This is a LATE START course. This section meets only ON-LINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

O 70069 J Kelly  ONLINE  3.00
NOTE: This section meets only ON-LINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

Honors United States History uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course is a survey of painting, sculpture and architecture in the western tradition up to the present day. Transfer: CSU/UC

70261 TTh  9:20AM - 10:45AM S Liu  LASS 27  3.00
NOTE: You must be an Honors student to register for this course. For information about joining the Honors program, please go to: westvalley.edu/honors.

NOTE: You must be an Honors student to register for this course. For information about joining the Honors program, please go to: westvalley.edu/honors.

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. Transfer: CSU/UC

70087 MW  12:30PM - 1:55PM J Kelly  LASS 26  3.00

Honors Art of the 20th Century

Arts 001DH Honors Art of the 20th Century

Honors Art of the 20th Century: A Cultural Perspective

Arts 001DH Honors Art of the 20th Century

Arts 001DH 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 examines dance as a cultural expression in the USA, and explores and analyzes the influence of indigenous and world dance forms including their social, political, economic, and religious significance. The course also considers the creative process and expression of the contemporary choreographer. Pass/No Pass Option. Transfer: CSU/UC

O 72731 A Maltmuth-Onn ONLINE  3.00
SECTION #72731 BEGINS 10/21/19 CLASS ENDS 12/14/19
NOTE: This section meets ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information. You must be an Honors student to register for this course. For information about joining the Honors program, please go to: westvalley.edu/honors.

Econ 001AH Honors Principles of Macroeconomics

Econ 001AH 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. Transfer: CSU/UC

70261 TTh  9:20AM - 10:45AM S Liu  LASS 27  3.00
NOTE: You must be an Honors student to register for this course. For information about joining the Honors program, please go to: westvalley.edu/honors. Students enrolling in Econ 001AH #70261 must also enroll in Econ 002AH #70263.
ECON 002AH  HONORS PRINCIPLES OF MACROECONOMICS LAB  
Co-requisite: ECON 001AH. 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. Transfer: CSU/UC

HIST 017BH  HONORS UNITED STATES HISTORY  
Honors United States History uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. History 017BH is a survey of the political, economic, and social and cultural development of the United States from Reconstruction to the present. Topics covered include Reconstruction, Native American culture and western settlement, Industrialization, the Progressive Era, World War I, the Twenties, the New Deal, and World War II. Also covered are domestic, social, and foreign policy issues of the post-World War II period from the 1950s through the 1990s, including reform movements, Vietnam, the Civil Rights and other ethnic movements, the Feminist Movement, popular culture, and post-Cold War foreign policy.

HUMANITIES

HUMN 001A  HUMAN VALUES IN AND FROM THE ARTS  
This course shows 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. Transfer: CSU/UC

POLI 001H  HONORS AMERICAN GOVERNMENT  
Honors American Government uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course covers the structure and functions of the American national government including consideration of state and local governments. Emphasis is placed on the development of democratic institutions through historical and contemporary studies. Transfer: CSU/UC

PSYC 002H  HONORS EXPERIMENTAL PSYCHOPHYSIOLOGY  
Prerequisite: PSYC 001; Co-requisite: MATH 010 or MATH 010H. Honors Experimental Psychophysiology 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. The course introduces the student to the theory and application of the scientific method in psychology. Content includes: philosophy of science, research design, experimental procedures, data analysis and presentation. A computerized psychophysiology laboratory is used to introduce students to experiments in which one variable is physiological and the primary focus and theoretical context are behavioral. Transfer: CSU/UC
INTERDISCIPLINARY STUDIES

ISTU 040  TUTOR TRAINING
This course focuses on successful peer tutoring practices and developing professional skills. Topics include communication styles and skills, the tutoring process and cycle, differentiated learning strategies various learner types, problem-solving and study skills, tutoring ethics and guidelines, addressing the needs of diverse student populations, and student support services. Students who successfully complete the course can apply to be hired as peer tutors; however, course completion does not guarantee employment. Pass No/Pass Only.

71080  MW  3:45PM - 5:15PM  J Wagner  CAWLAB 0.50
SECTION #71080 BEGINS 09/23/19 CLASS ENDS 10/11/19
NOTE: This section requires IN-PERSON meetings from 3:45PM to 5:15PM in LIB CAWLAB on the following days: 9/23, 9/25, 9/30, 10/2, & 10/9. Go to westvalley.edu/eLearning/schedule for class and instructor contact information.

ISTU 040E  TUTOR TRAINING - ENGLISH
Prerequisite or Co-Requisite: ISTU 40. Advisory: ENGL 905, ENGL 905X This course focuses on tutoring writing and developing professional skills. Topics include communication skills, the writing process, various learner types, essay exam strategies, problem-solving skills, high and low order revision priorities, research strategies, documentation, and the writer’s voice. Students who successfully complete the course can apply to be hired as peer writing tutors; however, course completion does not guarantee employment. Pass No/Pass Only.

71823  MW  3:45PM - 5:15PM  J Wagner  CAWLAB 0.50
SECTION #71823 BEGINS 10/21/19 CLASS ENDS 11/08/19
NOTE: This section requires IN-PERSON meetings from 3:45PM to 5:15PM in the CIL CAWLAB on the following days: 10/21, 10/23, 10/28, 10/30, 11/6. Go to westvalley.edu/eLearning/schedule for class and instructor contact information.

INTERIOR DESIGN

INTD 005  INTRODUCTION TO INTERIOR DESIGN
This survey course introduces the Interior Design profession, its history, and related specialities and disciplines. Topics are related to the multi-faceted aspects of this discipline, including the many career paths and opportunities.

Pass/No Pass Option. Transfer: CSU

71717  F  9:20AM - 12:10PM  M McEwan  CIL 128  1.00
SECTION #71717 BEGINS 08/06/19 CLASS ENDS 10/11/19
NOTE: Course begins on 9/6/19 and ends on 10/11/19.

N 70431  W  6:30PM - 9:20PM  C Wright  CIL 131  1.00
SECTION #70431 BEGINS 10/16/19 CLASS ENDS 11/20/19
NOTE: Course begins on 10/16/19 and ends 11/20/19.

INTD 010  ELEMENTS AND PRINCIPLES OF INTERIOR DESIGN
The course is intended to provide students with the knowledge of conceptual design elements which are applied to designing interior spaces in subsequent design courses. Pass/No Pass Option. Transfer: CSU

72541  MW  12:30PM - 3:00PM  D Hurd  CIL 128  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 1:35PM - 3:00PM.

70434  TTh  9:20AM - 11:50AM  C Bulut  CIL 128  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 10:25AM - 11:50AM.

INTD 015  INTERIOR ARCHITECTURAL DRAFTING
The course introduces the tools and techniques necessary for interior architectural drafting. Emphasis is on lettering, measuring techniques, scale problems, use of architectural graphic standard manuals, dimensioning, plans, elevations, and sections. Pass/No Pass Option. Transfer: CSU

72542  TTh  9:20AM - 11:50AM  P Christensen  CIL 116  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 10:25AM - 11:50AM.

N 70496  TTh  6:30PM - 9:00PM  C Wright  CIL 128  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 7:35PM - 9:00PM.

INTD 020  COLOR THEORY AND APPLICATION
This course is an introduction to design fundamentals and basic principles of color related to interior design. Laboratory experiences include two and three dimensional color projects in different media. Transfer: CSU

70512  MW  9:20AM - 11:50AM  C Bulut  CIL 128  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 10:25AM - 11:50AM.

INTD 025  INTERIOR FINISH MATERIALS
This course addresses the study and application of interior design materials and finishes including content, characteristics, production, standards, and codes. Pass/No Pass Option. Transfer: CSU

70523  TTh  2:05PM - 3:30PM  M McEwan  CIL 128  3.00

INTD 028  INTERIOR CONSTRUCTION AND BUILDING SYSTEMS
This course is an overview of systems used in the construction of interior environments. The content includes such building systems as floors, ceilings, and doors as well as systems developed for providing safety and comfort (plumbing, HVAC, lighting, and acoustics). Students have the opportunity to practice research techniques regarding the subject matter. Pass/No Pass Option. Transfer: CSU

70526  TTh  12:30PM - 1:55PM  C Bulut  CIL 128  3.00

INTD 029  PRINCIPLES OF GREEN DESIGN
This course introduces students to the history, philosophy, and principles of environmentally responsible design. Through the study of local, national, and international examples of green and sustainable design, the implications of design decisions on the environment are explored. Research and evaluation of green and sustainable products, components, processes, and construction methods are conducted. Pass/No Pass Option. Transfer: CSU

72077  W  8:45AM - 11:55AM  D Hurd  CIL 113  3.00

INTD 030  GRAPHIC TECHNIQUES
This course introduces sketching, drawing, and rendering techniques for interior spaces. One and two point perspective, floor plans and elevations are drawn using detailed methodology. A variety of media are utilized grey scale rendering. There is a focus on use of appropriate drawing methods and media for phases of the interior design process including conceptualization. Techniques for drawing three dimensional views of interiors and furnishings are emphasized. Pass/No Pass Option. Transfer: CSU

70527  TTh  3:45PM - 6:15PM  S Cravy  CIL 128  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 4:05PM - 6:15PM.

INTD 035A  HISTORY OF FURNITURE AND INTERIORS
This course explores the history and principal styles of furniture, interiors, and related decorative arts from antiquity to 1800. Pass/No Pass Option. Transfer: CSU

70537  TTh  4:05PM - 5:30PM  C Wright  CIL 116  3.00

INTD 035C  DESIGN OF HISTORIC INTERIORS
Prerequisites: INTD 015 AND INTD 035B. Advisory: INTD 025 AND INTD 020 AND INTD 030 AND INTD 075 AND INTD 010. This course examines the processes, categories, and qualification criteria for the interior design of historic spaces. One and two point perspective, floor plans and elevations are drawn using detailed methodology. A variety of media are utilized grey scale rendering. There is a focus on use of appropriate drawing methods and media for phases of the interior design process including conceptualization. Techniques for drawing three dimensional views of interiors and furnishings are emphasized. Pass/No Pass Option. Transfer: CSU

70538  MW  12:00PM - 2:30PM  C Wright  CIL 113  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 1:05PM - 2:30PM.

INTD 040  RESIDENTIAL DESIGN
Prerequisite: INTD 050. 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. Transfer: CSU

70548  MW  12:30PM - 3:00PM  C Bulut  CIL 116  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 1:35PM - 3:00PM.

70549  TTh  1:05PM - 2:30PM  C Bulut  CIL 116  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 2:05PM - 3:30PM.
INTD 050  KITCHEN & BATH DESIGN  
Prerequisites: INTD 010, INTD 015, INTD 020, INTD 025, INTD 030, INTD 065, and INTD 075. This course covers the process of design for kitchens and bathrooms with emphasis on construction, working drawings, presentation drawings, finish selection and specifications. Transfer: CSU
72544  MW  9:20AM - 11:50AM M Sherman  CIL 116  3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 10:25AM - 11:50AM.

INTD 055  INTERIOR DESIGN ESTIMATING AND COSTING  
Prerequisite: INTD 025. 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. Transfer: CSU
N 72122   MW  4:35PM - 6:00PM M Sherman  CIL 128  3.00

INTD 065  INTRODUCTION TO COMPUTER-AIDED INTERIOR DESIGN  
Prerequisite: INTD 015. This course is an introduction to 2 dimensional and isometric computer-aided drafting and design. Transfer: CSU/UC
N 72366   TTh  6:30PM - 9:00PM A Karavokiris  CIL 125  3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 7:35PM - 9:00PM.

INTD 066  ADVANCED COMPUTER AIDED DESIGN  
Prerequisite: INTD 065. This course focuses on the construction of two and three dimensional drafting and solid modeling. Transfer: CSU/UC
N 70619   MW  6:30PM - 9:00PM A Karavokiris  CIL 125  3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 7:35PM - 9:00PM.

INTD 070  ADVANCED GRAPHIC TECHNIQUES  
Prerequisite: INTD 030. This course covers advanced rapid sketching and color rendering techniques for interior spaces. One and two-point perspective drawing and sketching techniques using different media and software presentation materials are explored. Transfer: CSU
N 70629   TTh  6:30PM - 9:00PM N Steele  CIL 116  3.00  
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 7:35PM - 9:00PM.

INTD 075  LIGHTING DESIGN  
70610   TTh  2:05PM - 3:30PM C Wright  CIL 116  3.00

INTD 090A  INTERIOR DESIGN INTERNSHIP  
Prerequisites: INTD 005, 010, 015, 020, 025. This course provides students with field experience and the opportunity to work under the direct supervision of an interior designer, or interior design-related professional, while applying knowledge and skills acquired in the core interior design courses. Opportunities and encouragement to research career opportunities are provided. A minimum of 180 unpaid or 225 paid internship hours are required. Pass Only. Transfer: CSU
70626   D Hurd  3.00  
NOTE: Students must contact instructor prior to registering for any Internship class. Email is diane.hurd@wvm.edu.

INTD 090B  INTERIOR DESIGN INTERNSHIP  
Prerequisites: INTD 040, 045, 050 & 060. This course provides students with practical experience working directly under the supervision of an interior designer or interior design-related professional. Students are able to apply knowledge and skills learned in the Interior Design Certificate courses, including the design studio and professional practice courses related to commercial and residential design, further enhancing the learning process. Opportunities and encouragement to continue to research career possibilities are provided. This 4-unit internship course is required for completion of the Interior Design Advanced Certificate. Pass/No Pass Only. Transfer: CSU
72880   D Hurd  4.00  
NOTE: Students must contact instructor prior to registering for any Internship class. Email is diane.hurd@wvm.edu.
JAPANESE

JPNS 001A  BEGINNING JAPANESE
Students in this course have the opportunity to learn the fundamentals of Japanese grammar and pronunciation, to converse on a limited scale about topics of everyday importance, and to record this information in writing. Also, the course covers written and spoken Japanese based on the grammatical structures and vocabulary introduced in the course. Emphasis is placed on communication and relevancy. Students in this course have the opportunity to learn about and experience various aspects of the culture of the Japanese speaking world. Pass/No Pass Option. Transfer: CSU/UC
N 70522 MW  6:00PM - 8:30PM M Takeda LASS 35  5.00

JPNS 001B  BEGINNING JAPANESE
Prerequisite: JPNS 001A or its equivalent. This course continues the development of speaking, reading and writing skills, vocabulary, and knowledge of basic Japanese grammar began in Japanese 001A. Emphasis is placed on communication and relevancy. Students in this course have the opportunity to learn about and experience various aspects of the culture of the Japanese speaking world. Pass/No Pass Option. Transfer: CSU/UC
N 70524 MW  6:00PM - 8:30PM M Takeda LASS 35  5.00

JPNS 011A  JAPANESE LABORATORY I
Advisory: JPNS 001A. This is a laboratory course designed to give students the opportunity to improve and reinforce their Japanese language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one’s self, describing daily life activities, and exchanging information about pastimes. It explores Japanese culture using language computer programs, and a variety of other technologies, media, Internet resources, and films. This course is recommended for students enrolled in Japanese 1A to further enhance 1A course material, but it may be taken independently. Pass/No Pass Option. Transfer: CSU
N 70532 MW  8:35PM - 9:25PM M Takeda LASS 38  0.50 SECTION #70532 BEGINS 09/04/19 CLASS ENDS 12/04/19

JPNS 011B  JAPANESE LABORATORY II
Advisory: JPNS 001B. 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 resources and films. This course is recommended for students enrolled in Japanese 001B to further enhance 1B course material, but it may be taken independently by students not enrolled in a foreign course. Pass/No Pass Option. Transfer: CSU
N 70535 MW  8:35PM - 9:25PM M Takeda LASS 38  0.50 SECTION #70535 BEGINS 09/04/19 CLASS ENDS 12/04/19

KINESIOLOGY—ADAPTED

NCPE 1.30  ADAPTED FITNESS
This adapted fitness course is designed for students with disabilities. Individualized exercise programs are created that focus on overall cardiovascular endurance, strength and flexibility training. The programs address the limitations of the individual’s disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.
70038 MW  2:05PM - 3:30PM E Barrilleaux PE 12  0.00
70043 MW  7:45AM - 9:10AM C Ligocki PE 12  0.00

NCPE 1.31  ADAPTED AEROBIC EXERCISE
This adapted fitness course is designed for students with disabilities. The course provides an opportunity for students to increase their overall cardiovascular endurance. Individualized programs address the limitations of the student’s disability. Emphasis is on encouraging independence through the teaching of lifelong cardiovascular endurance.
70047 MW  9:20AM - 10:45AM E Barrilleaux PE 12  0.00
70047 TTh  10:55AM - 12:20PME C Ligocki PE 12  0.00

NCPE 1.32  ADAPTED CORE STRETCHING
This adapted flexibility course is designed to meet the needs of students with disabilities. This course includes instruction in a variety of stretching exercises to enable a student to attain optimal range of motion. Guided gentle muscle stretching and core stabilizing exercises with an emphasis on proper body alignment, breathing techniques, and relaxation are addressed to encourage independence and develop lifelong fitness skills.
70050 TTh  9:20AM - 10:45AM C Ligocki PE 8  0.00

NCPE 1.33  ADAPTED AQUATICS
This non-credit adapted physical education course is designed to meet the needs of students with disabilities. This class provides instruction in dynamic water exercises with a focus on the development of cardiovascular endurance, muscle strength, flexibility, and balance. Individualized swimming programs and water safety are included. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.
71966 MW  12:30PM - 1:55PM E Barrilleaux POOL 0.00

NCPE 1.34  ADAPTED WEIGHT TRAINING
This non-credit adapted weight training course is designed for students with disabilities. Individualized exercise programs are created that focus on basic weight training and strength development principles. The programs address the limitations of the individual’s disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.
70052 MW  10:55AM - 12:20PM E Barrilleaux PE 12  0.00
70051 TTh  12:30PM - 1:55PM C Ligocki PE 12  0.00

KINESIOLOGY—AQUATICS

KINS 2.04  SWIMMING-BEGINNING
This course provides students with the opportunity to gain elementary swimming skills and knowledge in order to remain safe while in and around the water. Freestyle and side breathing are emphasized for beginning level swimmers. Pass/No Pass Option. Transfer: CSU/UC
70500 MW  9:20AM - 10:45AM E Vargas POOL 1.00
70494 TTh  9:20AM - 10:45AM E Vargas POOL 1.00
71509 TTh  10:55AM - 12:20PM W Rodriguez POOL 1.00

KINS 2.05  SWIMMING-INTERMEDIATE
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. Transfer: CSU/UC
70501 MW  9:20AM - 10:45AM E Vargas POOL 1.00
70497 TTh  9:20AM - 10:45AM E Vargas POOL 1.00
70416 TTh  10:55AM - 12:20PM W Rodriguez POOL 1.00

KINS 2.06  SWIMMING-ADVANCED
This course provides students the opportunity to gain swimming skills for butterfly and continue to develop the stroke techniques introduced in the intermediate level. Emphasis is on the development of swimming speed, endurance, and strength. Pass/No Pass Option. Transfer: CSU/UC
70502 MW  9:20AM - 10:45AM E Vargas POOL 1.00
70498 TTh  9:20AM - 10:45AM E Vargas POOL 1.00
70417 TTh  10:55AM - 12:20PM W Rodriguez POOL 1.00

KINS 2.07  MASTER’S SWIMMING
This course provides students the opportunity to participate in a workout structured for competitive swimmers with emphasis on improving individual-stroke mechanics and mental preparation for competition. Pass/No Pass Option. Transfer: CSU/UC
71505 MW  9:20AM - 10:45AM E Vargas POOL 1.00
72987 MW  10:55AM - 12:20PM W Rodriguez POOL 1.00
72946 TTh  9:20AM - 10:45AM E Vargas POOL 1.00

HYBRID CLASS  N=NIght CLASS  O=ONLINE CLASS  W=WEEKEND CLASS
KINESIOLOGY—FITNESS

KINS 4.12 FITNESS-STRETCH AND FLEX
This course explores the techniques, theory, and benefits of acquiring flexibility through a variety of stretching exercises. Particular attention is devoted to back care and muscle relaxation techniques. Pass/No Pass Option. Transfer: CSU/UC

KINS 4.13 FITNESS WALKING
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. Transfer: CSU/UC

KINS 4.14 PRACTICAL EXPERIENCE IN PERSONAL TRAINING
This course provides students the opportunity for practical applications and responsibilities of personal training. Topics include injury prevention, exercise prescription, and fitness assessments for program design. Pass/No Pass Option. Transfer: CSU/UC

KINS 4.15 FITNESS WEIGHT TRAINING I
This course is designed to provide students with instruction on various weight training methods to improve muscular strength and fitness through the programming of personal workout design. Weight training methods include Olympic lifts utilizing free weights, platforms, Pilates exercises on the reformer, TRX training, and circuit training. Additional topics include instruction in the different phases of exercise programming. Pass/No Pass Option. Transfer: CSU/UC

KINS 4.16 FITNESS APPRAISAL
This course is designed to provide an increased self-awareness of personal fitness levels and fitness concepts. It includes theories of fitness, lifestyle change, weight management, and the development of a personal exercise program. Pass/No Pass Option. Transfer: CSU/UC

KINS 4.20 FITNESS, WEIGHT TRAINING II
This course is the second level of weight training for students that have completed Fitness, Weight Training 1. This intermediate course continues to build on what students have learned from Fitness, Weight Training 1. It also provides instruction in the various components of muscular strength using current trends in personal training. Topics include high intensity interval training, Cross-Fit protocols, and exercise prescription. Pass/No Pass Option. Transfer: CSU/UC

KINS 4.21 FITNESS WEIGHT TRAINING 3
This course is designed to provide students with instruction on various weight training methods to improve muscular strength and fitness through the programming of personal workout design. Weight training methods include Olympic lifts utilizing free weights, platforms, Pilates exercises on the reformer, TRX training, and circuit training. Additional topics include instruction in the different phases of exercise programming. Pass/No Pass Option. Transfer: CSU/UC

KINS 4.24 TOTAL FITNESS FOR MEN
This course provides students the opportunity to increase cardiovascular conditioning, muscular strength, endurance, flexibility and stress reduction. Pass/No Pass Option. Transfer: CSU/UC

KINS 4.25 TOTAL FITNESS FOR WOMEN
This course provides students the opportunity to increase cardiovascular conditioning, muscular strength, endurance, flexibility and stress reduction. Emphasis on needs and skills of women. Pass/No Pass Option. Transfer: CSU/UC

KINS 4.28 FITNESS JOGGING
This course provides students the opportunity to gain the benefits of exercise through fitness jogging. The principles of exercise relating to cardiovascular conditioning, muscle endurance, and flexibility are introduced. Pass/No Pass Option. Transfer: CSU/UC
KINS 4.29  BODY SCULPTING
This course provides students with the opportunity to gain muscular strength and endurance through the use of free weights, body bars, and resistive types of exercises. The workout is structured and the movements are set to music. Pass/No Pass Option. Transfer: CSU/UC
70511 MW 7:45AM - 9:10AM S Masik PE 10 1.00
70221 TTh 10:55AM - 12:20PM A Robinson/ S Masik PE 8 1.00

KINS 4.33  CARDIO CROSS TRAINING
This course provides students with the opportunity to gain improved cardiovascular fitness, flexibility, and muscle strength. This course utilizes exercise equipment to improve cardiovascular fitness. Equipment includes the stair-master, stationary bike, treadmill, seated rowing machine, eliptical, and other apparatuses. Pass/No Pass Option. Transfer: CSU/UC
72607 MW  9:20AM - 10:45AM J Kerwin PE 17 1.00

KINS 4.35  TRAIL RUNNING
This course provides students the opportunity to gain the benefits of exercise through trail running. This course includes exercise protocols for agility, endurance, and flexibility as needed for outdoor sports. Pass/No Pass Option. Transfer: CSU/UC
70385 F 8:30AM - 11:40AM J Kerwin 1.00
NOTE: First class meeting will be in PE 4. Other classes will be off campus.

KINS 4.36  EVERYDAY FOOD & FITNESS
This course provides students with the opportunity to adopt a healthy, active lifestyle. The goals of the course are to educate students on the health risks associated with obesity, to promote an increase in students’ overall activity, to help students develop healthy body composition, to offer tools for students to modify health related behavior, and to improve their overall health and well being. Pass/No Pass Option. Transfer: CSU/UC
70222 H Davis ONLINE 1.00
SECTION #70222 BEGINS 08/24/19 CLASS ENDS 10/18/19
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

KINESIOLOGY—COMBATIVe AND MARTIAL ARTS

KINS 6.01  MMA - MIXED MARTIAL ARTS
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. Transfer: CSU/UC
70359 MW 12:30PM - 1:55PM M Gilani PE 11 1.00
71602 TTh 12:30PM - 1:55PM M Gilani PE 11 1.00
70288 F 2:05PM - 3:30PM M Gilani PE 11 1.00
N 72870 MW 5:45PM - 7:10PM Dibendetto/Gilani PE 11 1.00

KINS 6.02  KARATE-BEGINNING
This course provides students the opportunity to develop beginning Karate skills and knowledge with a focus on kihon and kata. Beginning self-defense techniques and the Dojo Kun are presented. Pass/No Pass Option. Transfer: CSU/UC
70408 TTh 10:55AM - 12:20PMM Gilani PE 11 1.00

KINS 6.03  SELF-DEFENSE
This course introduces the skills and philosophies of self-defense. Methods and techniques for recognizing and avoiding dangerous situations are presented. Karate techniques are also emphasized. Students have an opportunity to learn a sense of awareness and practical self-protection techniques in relations to gender, body type, and strength. Pass/No Pass Option. Transfer: CSU/UC
70409 TTh 10:55AM - 12:20PMM Gilani PE 11 1.00

KINS 6.05  KARATE - INTERMEDIATE
Advisory: KINS 6.02. This course provides students the opportunity to develop greater proficiency in Karate skills and kime. History, origins, and techniques of Shotokan and Gichin Funakoshi are explored. Pass/No Pass Option. Transfer: CSU/UC
70410 TTh 10:55AM - 12:20PMM Gilani PE 11 1.00

KINS 6.07  BOXING
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. Transfer: CSU/UC
70360 MW 12:30PM - 1:55PM M Gilani PE 11 1.00
71663 TTh 12:30PM - 1:55PM M Gilani PE 11 1.00
70555 TTh 2:05PM - 3:30PM M Gilani PE 11 1.00
N 72871 MW 5:45PM - 7:10PM Dibendetto/Gilani PE 11 1.00

KINS 6.08  GOLF-BEGINNING
This course provides students the opportunity to learn beginning golf skills and knowledge needed to play golf. Pass/No Pass Option. Transfer: CSU/UC
70516 MW 9:20AM - 10:45AM R Wiens PE 11 1.00
71664 TTh 12:30PM - 1:55PM M Gilani PE 11 1.00
70358 TTh 2:05PM - 3:30PM M Gilani PE 11 1.00
N 72604 MW 5:45PM - 7:10PM Dibendetto/Gilani PE 11 1.00

KINS 6.10  KARATE - ADVANCED
Advisory: Intermediate Karate. 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. Transfer: CSU/UC
71850 TTh 10:55AM - 12:20PMM Gilani PE 11 1.00

KINESIOLOGY—DANCE
see Dance

KINESIOLOGY—INDIVIDUAL SPORTS

KINS 7.02  BADMINTON-BEGINNING
This course introduces students to the fundamentals of badminton and the strategies of the game at a beginning level. Pass/No Pass Option. Transfer: CSU/UC
70515 MW 9:20AM - 10:45AM R Wiens PE 10 1.00

KINS 7.03  BADMINTON-INTERMEDIATE
Advisory: KINS 7.02. 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. Transfer: CSU/UC
70516 MW 9:20AM - 10:45AM R Wiens PE 10 1.00

KINS 7.10  GOLF-BEGINNING
This course provides students the opportunity to learn beginning golf skills and knowledge needed to play golf. Pass/No Pass Option. Transfer: CSU/UC
70460 MW 10:55AM - 12:20PMM G Silveira GOLF 1.00
70463 TTh 10:55AM - 12:20PMM G Silveira GOLF 1.00

KINS 7.11  GOLF-INTERMEDIATE
This course is designed to help intermediate golfers develop more advanced skills in the game of golf. A greater emphasis is placed on the technical aspects of the swing. Pass/No Pass Option. Transfer: CSU/UC
70462 MW 10:55AM - 12:20PMM G Silveira GOLF 1.00
70464 TTh 10:55AM - 12:20PMM G Silveira GOLF 1.00

KINS 7.12  GOLF-ADVANCED
Advisory: KINS 7.11. A high-level sequential course to develop advanced techniques. Pass/No Pass Option. Transfer: CSU/UC
72944 MW 10:55AM - 12:20PMM G Silveira GOLF 1.00
72945 TTh 10:55AM - 12:20PMM G Silveira GOLF 1.00
KINS 7.18 BEGINNING TENNIS
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. Transfer: CSU/UC
71836 F 9:00AM - 12:10PM J Kerwin TENNIS 1.00

KINS 7.20 INTERMEDIATE TENNIS
Advisory: KINS 7.19. 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. Transfer: CSU/UC
71837 F 9:00AM - 12:10PM J Kerwin TENNIS 1.00

KINS 7.21 ADVANCED TENNIS
Advisory: KINS 7.20. 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. Transfer: CSU/UC
71838 F 9:00AM - 12:10PM J Kerwin TENNIS 1.00

KINS 7.23 SCUBA DIVING
This course provides the opportunity for students to learn the knowledge and skills of SCUBA Diving. Satisfactory completion of this course can lead to international SCUBA certification. For the health and safety of the student this course may include a health survey and/or a swim test. Students successfully completing Open Water training may qualify for dive certification. Transfer: CSU/UC
N 70412 W 6:30PM - 7:55PM S McEvoy PE 4 2.00
+ LAB W 8:05PM - 9:30PM S McEvoy POOL NOTE: Students must concurrently enroll in KINS 12.20*71773 to obtain certification.

KINS 7.24 SCUBA DIVING-ADVANCED
Advisory: Recommended internationally recognized certification as an open water SCUBA Diver. 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 completed Open Water training prior to taking this course. Pass/No Pass Option. Transfer: CSU/UC
N 70413 W 6:30PM - 7:55PM S McEvoy PE 4 2.00
+ LAB W 8:05PM - 9:30PM S McEvoy POOL NOTE: Students must concurrently enroll in KINS 12.20*71773 to obtain certification.

KINS 7.26 STUDIO CYCLING
This course provides students with the opportunity to gain muscular strength and cardiovascular endurance through stationary cycling. Pass/No Pass Option. Transfer: CSU/UC
70386 MW 9:20AM - 10:45AM J Kerwin PE 17 1.00

KINS 7.27 STUDIO CYCLING ADVANCED
This course provides students the opportunity to learn the technical aspects of road racing. Content includes techniques for the competitive cyclist. The workouts are performed on a studio-spinning bike designed to improve speed, pedal efficiency, and balance. Techniques are applied to outdoor cycling and include injury treatment and prevention. Pass/No Pass Option. Transfer: CSU/UC
70387 MW 9:20AM - 10:45AM J Kerwin PE 17 1.00

KINS 8.04 BEGINNING BASKETBALL
This course is designed to teach the basic skills, techniques, rules, and strategies basketball. Pass/No Pass Option. Transfer: CSU/UC
70275 MW 10:55AM - 12:20PM S Eitelgeorge PE 10 1.00
70321 MTWTh 3:45PM - 5:50PM D Yoshikawa PE 10 1.00
SECTION #70321 BEGINS 08/24/19 CLASS ENDS 10/04/19

KINS 8.05 INTERMEDIATE BASKETBALL
This course introduces intermediate level basketball skills. Content includes strategies for team play, screening, spacing, and offensive movement. This course enhances the basic skills introduced at the beginning level. Pass/No Pass Option. Transfer: CSU/UC
70768 MW 10:55AM - 12:20PM S Eitelgeorge PE 10 1.00
71831 MTWTh 3:45PM - 5:50PM D Yoshikawa PE 10 1.00
SECTION #71831 BEGINS 08/24/19 CLASS ENDS 10/04/19

KINS 8.12 BASEBALL/SOFTBALL-BEGINNING
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. Transfer: CSU/UC
72599 TTh 9:20AM - 10:45AM V Piatt SFTBALL 1.00

KINS 8.13 BASEBALL/SOFTBALL-INTERMEDIATE
This course provides students the opportunity to develop intermediate baseball and softball skills for pitching and bunting. This course includes competitive team play. Pass/No Pass Option. Transfer: CSU/UC
72622 MW 10:55AM - 12:20PM S Eitelgeorge PE 10 1.00
71832 MTWTh 3:45PM - 5:50PM D Yoshikawa PE 10 1.00
SECTION #71832 BEGINS 08/24/19 CLASS ENDS 10/04/19

KINS 8.15 VOLLEYBALL-BEGINNING SKILLS
This course provides students the opportunity to learn volleyball skills for passing, setting, serving, and hitting at the beginning level. Pass/No Pass Option. Transfer: CSU/UC
70571 TTh 10:55AM - 12:20PM A Zakarian SFTBALL 1.00

KINS 8.16 VOLLEYBALL-INTERMEDIATE SKILLS
This course is designed to further explore the game of volleyball and provide students the opportunity to perform intermediate volleyball skills for digging and blocking. Pass/No Pass Option. Transfer: CSU/UC
70573 TTh 10:55AM - 12:20PM A Zakarian PE 10 1.00

KINS 8.17 VOLLEYBALL-ADVANCED SKILLS
This course provides students the opportunity to further develop volleyball skills. An emphasis is placed on blocking fast hits, specialty serves, and offensive and defensive formations. Pass/No Pass Option. Transfer: CSU/UC
70575 TTh 10:55AM - 12:20PM A Zakarian PE 10 1.00
### KINS 8.20 INTRODUCTION TO SPORT FUNDAMENTALS
This course emphasizes the basic development of general athleticism and total fitness associated with sport competition. The five components of fitness are explored and applied to each individual. Pass/No Pass Option. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Units</th>
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<tr>
<td>72002</td>
<td>TTh</td>
<td>9:20AM - 10:45AM</td>
<td>J Kerwin</td>
<td>PE 10</td>
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<td>72007</td>
<td>TTh</td>
<td>12:30PM - 1:55PM</td>
<td>L Hickey</td>
<td>TENNIS 1.00</td>
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<tr>
<td>71709</td>
<td>TTh</td>
<td>3:35PM - 5:00PM</td>
<td>D Wong</td>
<td>PE 9</td>
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</tbody>
</table>

### KINS 8.21 FUNDAMENTALS OF SPORT-BEGINNING
This course emphasizes the development of the athletic skills and knowledge associated with sports. This course provides student athletes an opportunity to develop speed, agility, power, and strength as a means to prepare for future athletic competition. Pass/No Pass Option. Transfer: CSU/UC

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<tr>
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<tr>
<td>72003</td>
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<td>PE 10</td>
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<td>72621</td>
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<td>L Hickey</td>
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<tr>
<td>71710</td>
<td>TTh</td>
<td>3:35PM - 5:00PM</td>
<td>D Wong</td>
<td>PE 9</td>
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### KINS 8.22 FUNDAMENTALS OF SPORT-INTERMEDIATE
This course emphasizes all aspects of building a cohesive team environment including problem solving, risk taking, cooperation, leadership, and trust. This course introduces a student athlete to offensive and defensive aspects of sport competition. Pass/No Pass Option. Transfer: CSU/UC

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<tbody>
<tr>
<td>72004</td>
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<td>PE 10</td>
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<td>71706</td>
<td>TTh</td>
<td>3:35PM - 5:00PM</td>
<td>D Wong</td>
<td>PE 9</td>
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</table>

### KINS 8.23 FUNDAMENTALS OF SPORT-ADVANCED
This course provides student athletes an opportunity to prepare for collegiate competition. Topics include pre-game meal planning, mental preparation, and offensive and defensive strategies. Students are exposed to concepts in sportsmanship, academic progress, and the rules and standards of the COA. Pass/No Pass Option. Transfer: CSU/UC

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<td>PE 10</td>
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<tr>
<td>72127</td>
<td>TTh</td>
<td>4:05PM - 5:30PM</td>
<td>D Woodward</td>
<td>PE 10</td>
</tr>
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</table>

### KINESIOLOGY—INTERCOLLEGIATE

#### KINA 9.02 INTERCOLLEGIATE BASKETBALL-MEN
Advisory: Interscholastic HS or club participation; eligibility for Engl 001A and Read 053. 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. Transfer: CSU/UC

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<tbody>
<tr>
<td>70465</td>
<td>MTWThF</td>
<td>3:40PM - 5:40PM</td>
<td>G Silveira</td>
<td>SOCCER 3.00</td>
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</tbody>
</table>

#### KINA 9.03 INTERCOLLEGIATE VOLLEYBALL-WOMEN
Advisory: KINA 8.09. This course provides intercollegiate women’s volleyball competition. Previous participation on a high school or club volleyball team is recommended. 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 a match situation. These skills include offensive and defensive techniques, and rules of the game. Students are also given the opportunity to develop an increased level of fitness that will allow them to compete at the intercollegiate level. Pass/No Pass Option. Transfer: CSU/UC

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<td>J Kerwin</td>
<td>SOCCER 3.00</td>
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</table>

#### KINA 9.17 INTERCOLLEGIATE VOLLEYBALL-WMEN
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. Transfer: CSU/UC

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<tbody>
<tr>
<td>70443</td>
<td>MTWThF</td>
<td>2:30PM - 4:30PM</td>
<td>W Rodriguez</td>
<td>POOL 3.00</td>
</tr>
</tbody>
</table>

#### KINA 9.18 INTERCOLLEGIATE WATER POLO-MEN
This course provides intercollegiate competition for male student athletes in Water Polo. Students are given the opportunity to develop water polo skills and demonstrate these skills in a match situation. These skills include offensive and defensive techniques, passing, blocking, and strategy. An overview of the rules of the game are included. Students are also given the opportunity to develop an increased level of fitness that will allow them to compete at the intercollegiate level. Pass/No Pass Option. Transfer: CSU/UC

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<tr>
<td>70443</td>
<td>MTWThF</td>
<td>2:30PM - 4:30PM</td>
<td>W Rodriguez</td>
<td>POOL 3.00</td>
</tr>
</tbody>
</table>
KINA 9.20 WOMEN’S INTERCOLLEGIATE WATER POLO
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. Transfer: CSU/UC
70422 MTWTTh 12:00PM - 1:20PM E Vargas POOL 3.00 NOTE: Emphasis Women’s Intercollegiate Water Polo Team. Health Screening by M.D. required before participation in this class. Contact instructor for further information: erika.vargas@wvm.edu.

KINA 9.30 INTERCOLLEGIATE PRE-SEASON CONDITIONING
This course is for students competing in Intercollegiate athletics. The course is designed to get the student athlete ready for season of competition by improving fitness, strength, and flexibility to help minimize the potential of injury. Pass/No Pass Option. Transfer: CSU/UC
72006 MW 7:45AM - 9:10AM L Hickey TENNIS 1.00 NOTE: Emphasis: Tennis skills and techniques
70281 MTWTTh 2:05PM - 3:30PM Staff SECTION #70281 BEGINS 08/24/19 CLASS ENDS 10/19/19 NOTE: Emphasis Intercollegiate Basketball Team

KINA 9.41 ATHLETIC BASEBALL - SKILLS AND TECHNIQUES
This is an advanced development of athletic baseball skills and techniques course. The course provides instruction in baseball specific rules, techniques, equipment and facilities management, etiquette, and safety. In addition, students are given the opportunity to apply nutrition, flexibility, and strength training concepts to improve their skills. Pass/No Pass Option. Transfer: CSU/UC
70519 MTWTTh 2:30PM - 3:55PM R Wiens BSBFLD 2.00 NOTE: Emphasis Offense
70564 MTWTTh 2:05PM - 3:30PM D Woodward TRACK 2.00 NOTE: Emphasis Defense

KINA 9.47 ATHLETIC MEN’S SOCCER - SKILLS AND TECHNIQUES
This 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. Transfer: CSU/UC
70466 MW 2:05PM - 3:30PM S Silveira SOCCER 1.00

KINA 9.49 ATHLETIC SOFTBALL - SKILLS AND TECHNIQUE
This course provides students the opportunity to apply nutrition, flexibility, and strength training concepts to improve softball skills. This course introduces athletic softball skills and techniques with instruction in softball specific rules, techniques, equipment, and facilities management. Concepts in etiquette and safety are introduced. Pass/No Pass Option. Transfer: CSU/UC
71760 MW 2:15PM - 4:45PM V Piatt SFTBALL 2.00 + LAB F 9:00AM - 11:30AM V Piatt SFTBALL F SECTION #71760 BEGINS 08/24/19 CLASS ENDS 11/29/19

KINESIOLOGY—BODY/MIND/WELLNESS
KINS 11.01 YOGA FOR HEALTH
The practice and study of Yoga helps to bring about a natural balance of body and mind. 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 leading to total relaxation and the harmony of mind and body. Pass/No Pass Option. Transfer: CSU/UC
72008 MW 9:20AM - 10:45AM M Smith PE 8 1.00
70389 MW 10:55AM - 12:20PM J Kerwin PE 8 1.00
70437 MW 2:05PM - 3:30PM A Robinson PE 7 1.00
70382 TTh 7:45AM - 9:10AM J Kerwin PE 7 1.00
70454 TTh 12:30PM - 1:55PM J Segal PE 7 1.00
70449 TTh 2:05PM - 3:30PM J Segal PE 7 1.00
N 70540 MW 6:15PM - 7:40PM S Masik PE 8 1.00

KINS 11.02 INTERMEDIATE YOGA
Some basic yoga practice is recommended before taking this class. 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. Transfer: CSU/UC
70390 MW 10:55AM - 12:20PM J Kerwin PE 7 1.00
70439 MW 2:05PM - 3:30PM A Robinson PE 7 1.00
70383 TTh 7:45AM - 9:10AM J Kerwin PE 7 1.00
70455 TTh 12:30PM - 1:55PM J Segal PE 7 1.00
70451 TTh 2:05PM - 3:30PM J Segal PE 7 1.00
N 71513 MW 6:15PM - 7:40PM S Masik PE 8 1.00

KINS 11.03 GENTLE RESTORATIVE EXERCISE
This course introduces students to modified Yoga for healing and preventing injuries. The exercises provide gentle static muscle stretching for increased flexibility and range of motion. Yoga postures for strengthening weak muscles are included along with breathing and relaxation techniques for stress reduction. Pass/No Pass Option. Transfer: CSU/UC
72009 MW 9:20AM - 10:45AM M Smith PE 8 1.00
71820 MW 10:55AM - 12:20PM J Kerwin PE 7 1.00
72126 MW 9:20AM - 10:45AM M Smith PE 8 1.00
70456 TTh 12:30PM - 1:55PM J Segal PE 7 1.00
70452 TTh 2:05PM - 3:30PM J Segal PE 7 1.00
N 71822 MW 6:15PM - 7:40PM S Masik PE 8 1.00

KINS 11.04 ADVANCED YOGA
This course provides students with the opportunity to gain muscular strength, endurance, and improved 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. Transfer: CSU/UC
72144 MW 10:55AM - 12:20PM J Kerwin PE 7 1.00
72886 MW 2:05PM - 3:30PM A Robinson PE 7 1.00
72006 TTh 7:45AM - 9:10AM J Kerwin PE 7 1.00
72875 TTh 2:05PM - 3:30PM J Segal PE 7 1.00

KINS 11.08 PILATES MAT WORKOUT
This course provides students with the opportunity to gain muscular strength and endurance. The exercises are designed to improve posture, body alignment and flexibility. Injury prevention, stress reduction, and increased self-confidence are emphasized. Pilates mat work emphasizes core musculature as it applies to everyday movement. Pass/No Pass Option. Transfer: CSU/UC
70424 MW 12:30PM - 1:55PM H Davis PE 8 1.00
72624 TTh 10:55AM - 12:20PM MV Piatt PE 17 1.00

KINS 11.09 INTERMEDIATE PILATES MAT WORKOUT
This course provides students with the opportunity to gain core strength and endurance. Flex bands, foam rollers, and fitness circles are added to the exercises to improve posture, body alignment, and flexibility. Benefits include strength, balance, body awareness, and relaxation. Pass/No Pass Option. Transfer: CSU/UC
71511 MW 12:30PM - 1:55PM H Davis PE 8 1.00
72873 TTh 9:20AM - 10:45AM M Smith PE 8 1.00
71876 TTh 10:55AM - 12:20PM MV Piatt PE 17 1.00

NOTE: This course will utilize small and large apparatuses including the Reformer for toning, core strength, flexibility, and cardio training.

KINS 11.10 ADVANCED PILATES MAT WORKOUT WITH REFORMER, CADILLAC, AND CHAIR
This course provides students the opportunity to gain core strength, muscular endurance, and flexibility with performing advanced Pilates exercises on the mat. Large apparatuses are introduced to further explore corrective exercises for functional fitness and athletic performance. This course introduces the proper use of the Reformer, Cadillac, and Chair. Pass/No Pass Option. Transfer: CSU/UC
72601 MW 12:30PM - 1:55PM H Davis PE 8 1.00

NOTE: This course will utilize small and large apparatuses including the Reformer for toning, core strength, flexibility, and cardio training.
72874 TTh 9:20AM - 10:45AM M Smith PE 8 1.00
KINESIOLOGY—MARINE DIVING EDUCATION

KINS 12.20  OPEN WATER DIVER
Co-requisite: Students must concurrently enroll in KINS 7.23 or provide instructor documentation of equivalency. This course provides the opportunity for students to learn the knowledge and skills to SCUBA dive in open water. Upon successful completion of this course, students will qualify for a Open Water Diver SCUBA certification. Pass Only. Transfer: CSU/UC
H 70369 ONLINE 1.50
+ LAB S 8:00AM - 3:00PM N Powell
NOTE: Mandatory fee for required material necessary to achieve course objectives provided at cost, $35. CRN 70369 meets online 8/26/19 - 12/14/19 and off campus for lab work 10/19, 11/2, 11/16 and 12/7. Off campus dates may change based on environmental conditions. Students must be enrolled in KINS 7.23 CRN 70412, Scuba Diving.

KINS 12.22  ADVANCED MARINE DIVER
Co-requisite: Students must concurrently enroll in KINS 7.24 or provided instructor documentation of equivalency. This course provides the opportunity for students to learn the knowledge and skills of advanced diving in open water. Upon successful completion of this course, students will qualify for Advanced Open Water Diver certification. Pass Only. Transfer: CSU/UC
H 71773 ONLINE 1.50
+ LAB S 8:00AM - 3:00PM N Powell
NOTE: Mandatory fee for required material necessary to achieve course objectives provided at cost, $35. CRN 71773 meets online 8/26/19 - 12/14/19 and off campus for lab work 10/19, 11/2, 11/16 and 12/7. Off campus dates may change based on environmental conditions. Students must be enrolled in KINS 7.24 CRN 70413, Scuba Diving.

KINESIOLOGY—THEORY

KINT 030  INTRODUCTION TO KINESIOLOGY
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 professionals. Pass/No Pass Option. Transfer: CSU/UC
70557 TTh 9:20AM - 10:45AM A Zakarian PE 2 3.00
72922 TTh 3:00PM - 4:25PM A Robinson WHS 3.00
NOTE: This class meets at Westmont High School and enrollment is restricted to high school students.

KINT 032  INTRODUCTION TO COACHING SPORT
Coaching Sports focuses on the components and characteristics of coaches and sport programs. Students have an opportunity to examine and develop coaching techniques, styles and philosophies pertaining to the planning, management and competition in sports. Pass/No Pass Option. Transfer: CSU/UC
N 73104 T 6:00PM - 9:10PM D Yoshikawa PE 5 3.00
S 9:00AM - 12:10PM D Yoshikawa PE 5
SECTION #73104 BEGINS 09/24/19 CLASS ENDS 12/14/19

KINT 033  WOMEN IN SPORTS
This course provides students with the chronological history, analysis, and interpretation, of people, events, and issues that affect women in sport, in past and present day society. Physiological, sociological, and psychological aspects of the female athlete as related to sports, history, and education are introduced. Students gain an understanding of significant events of women in athletics and the impact on their future participation. Pass/No Pass Option. Transfer: CSU/UC
O 72505 ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

KINT 038A  INTRODUCTION TO SPORTS MEDICINE
This course introduces students to the concepts of athletic training. Topics include prevention, management, treatment, and rehabilitation of sports injuries. Techniques for adhesive strapping and protective padding are included. Pass/No Pass Option. Transfer: CSU/UC
71841 MW 10:55AM - 12:20PM Starks PE 4 3.00

KINT 042  PRINCIPLES OF STRENGTH TRAINING AND CONDITIONING
This course covers the principles of strength training and conditioning. Emphasis is on the Optimal Performance Training (OPT) Model which includes basic exercise science, functional human movement, core and flexibility training, and resistance training. Pass/No Pass Option. Transfer: CSU/UC
70469 TTh 10:55AM - 12:20PM Starks PE 4 3.00

KINT 044  LIFETIME FITNESS
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. Transfer: CSU/UC
O 71833 D Rudy ONLINE 3.00
SECTION #71833 BEGINS 09/09/19 CLASS ENDS 12/07/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

LIBRARY SKILLS

LIBR 004  INFORMATION COMPETENCY
This course provides students with the opportunity to develop and strengthen research skills and to learn the core concepts of information retrieval. Students are introduced to the essential techniques for finding, evaluating, and analyzing information. The class covers the use of electronic resources, how to create research strategies to retrieve relevant information, how to critically evaluate information, and how to use the Internet as a research tool. Pass/No Pass Option. Transfer: CSU/UC
71013 MW 12:30PM - 1:55PM J Colon FOX 105 1.00
SECTION #71013 BEGINS 09/02/19 CLASS ENDS 11/04/19
71012 TTh 2:05PM - 3:30PM J Girardi FOX 105 1.00
SECTION #71012 BEGINS 09/02/19 CLASS ENDS 11/04/19
O 71015 R Sandovall ONLINE 1.00
SECTION #71015 BEGINS 09/02/19 CLASS ENDS 11/04/19
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

71016 M Mills ONLINE 1.00
SECTION #71016 BEGINS 09/02/19 CLASS ENDS 11/04/19
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

71014 R Sandovall ONLINE 1.00
SECTION #71014 BEGINS 09/02/19 CLASS ENDS 10/01/19
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

71017 M Mills ONLINE 1.00
SECTION #71017 BEGINS 11/05/19 CLASS ENDS 12/10/19
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
# Math Progression Chart

**Non-STEM Majors**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 / 10H</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>10C</td>
<td>Optional Co-req</td>
</tr>
<tr>
<td>14</td>
<td>Math for Elem. School</td>
</tr>
<tr>
<td>G</td>
<td>Math for Liberal Arts</td>
</tr>
</tbody>
</table>

**Business Majors**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Applied Calculus</td>
</tr>
<tr>
<td>12C</td>
<td>Optional Co-req</td>
</tr>
<tr>
<td>10 / 10H</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>10C</td>
<td>Optional Co-req</td>
</tr>
</tbody>
</table>

**STEM Majors**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Pre-Calculus</td>
</tr>
<tr>
<td>D</td>
<td>Trigonometry</td>
</tr>
<tr>
<td>3A</td>
<td>Calculus I</td>
</tr>
<tr>
<td>19</td>
<td>Discrete Math</td>
</tr>
<tr>
<td>3B</td>
<td>Calculus II</td>
</tr>
<tr>
<td>4A</td>
<td>Intermediate Calculus</td>
</tr>
<tr>
<td>4B</td>
<td>Differential Equations</td>
</tr>
<tr>
<td>4C</td>
<td>Linear Algebra</td>
</tr>
</tbody>
</table>

### Notes:

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

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

**Placement Note:**
It is recommended that most students start with a transfer level course either with or without a co-requisite. Please see placement chart and counseling for guidance.

**Corequisite Note:**
Corequisites are additional academic and concurrent support recommended depending on the student’s background and needs. They are Pass/No Pass and not degree applicable.

**Course Notes:**
1) Pre-transfer classes have no pre-req.
2) Math 104, 105, 106, 106R are AA/AS applicable.
3) Math 105 ONLY prepares students for Math 10; is not appropriate for Business majors.
4) Only take Math 104/104R if you did not pass two semesters of high school geometry.

**Noncredit Courses Notes:**
Noncredit courses are offered at no cost to the student. Each noncredit math class is typically four weeks in length. The noncredit courses listed above cover all content in Math 901 and 902P. There is no prerequisite to each noncredit math course.

**Noncredit Courses:**
- NCMA 101: Whole Number
- NCMA 102: Fractions
- NCMA 103: Decimals & Ratios
- NCMA 104: Percents & Signed Numbers
- NCMA 105: Geometry & Unit Analysis
- NCMA 106: Pre-Algebra (Part I)
- NCMA 107: Pre-Algebra (Part II)

**PLACEMENT NOTE:**
It is recommended that most students start with a transfer level course either with or without a co-requisite. Please see placement chart and counseling for guidance.

**Non-STEM Majors Notes:**
1. Since transfer requirements vary between UC, CSU and majors, students are strongly recommended to see a Counselor.
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*STEM – disciplines of science, technology, psychology, kinesiology, engineering, and mathematics.*
MATH 000D TRIGONOMETRY
Prerequisite: MATH 104 or MATH 104R, and MATH 106 or MATH 106R. This course covers trigonometric functions including applications to right triangles, circular functions, radian measure, graphs, trigonometric identities, inverse trigonometric functions, vectors & complex numbers. Transfer: CSU

70660 MW 12:30PM - 1:55PM F Maddux SM 7 3.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70659 TTh 10:55AM - 12:00PML Ma SM 11 3.00
NOTE: Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

N 72661 6:00PM - 9:00PM L Ma SM 11 3.00
NOTE: Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

MATH 000G MATHEMATICS FOR THE LIBERAL ARTS STUDENT
Prerequisite: MATH 106 or MATH 106R. This course introduces students to creative mathematical thinking and problem solving. Topics include logic, geometry, applications of exponential and logarithmic functions, and the mathematics of probability and statistics. It is intended to provide a survey of current mathematical techniques for the non-specialist. Transfer: CSU

72662 TTh 12:30PM - 2:35PM F Yarahmadi CIL 136 4.00

MATH 001 PRE-CALCULUS ALGEBRA
Prerequisite: MATH 106 or MATH 106R. This is a college level course in algebra for majors in science, technology, engineering, and mathematics. Topics include polynomial, rational, radical, exponential, absolute value, logarithmic, composite and inverse functions, systems of equations, theory of polynomial equations, and analytic geometry. Transfer: CSU/UC

72665 MW 7:30AM - 9:40AM G Allen CIL 133 3.00
NOTE: This course is for students who would like extra support to be successful in pre-calculus. Students must be concurrently enrolled in Math 1C, section 72711, which meets TTh, 7:35-8:30. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70733 MW 8:00AM - 10:05AM L Plunkett SM 11 4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72663 MW 10:15AM - 12:20PMA Vu SM 6 4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70735 MW 12:30PM - 2:35PMA J Jackanich SM 11 4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72667 MW 12:30PM - 2:35PM G Allen CIL 134 4.00
NOTE: Only students in the First Year Experience program may enroll for this class. Please email lvw.fye@westvalley.edu to enroll in the program. This course is for students who would like extra support to be successful in pre-calculus. Students must be concurrently enrolled in Math 1C, section 72713, which meets Th, 12:30-1:25. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70734 TTh 8:30AM - 10:35AM L Plunkett SM 11 4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72666 TTh 10:55AM - 1:00PMB Sun CIL 133 4.00
NOTE: This course is for students who would like extra support to be successful in pre-calculus. Students must be concurrently enrolled in Math 1C, section 72712, which meets MW, 10:55-11:50. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70736 TTh 12:30PM - 2:35PM N Mittal SM 11 4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

MATH 002 PRE-CALCULUS ALGEBRA AND TRIGONOMETRY
Prerequisites: MATH 106 or MATH 106R and MATH 104 or MATH 104R. This is an intensive course whose topics are traditionally found in the separate courses of pre-calculus algebra and trigonometry. This course is a preparation for calculus covering polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs as well as additional topics in analytic geometry. This course is designed for the student in mathematics who desires to fulfill the requirements of Math D and Math 1 in one semester. Transfer: CSU/UC

70737 MTh 7:45AM - 9:10AM W Breder SM 10 6.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70738 MTh 10:55AM - 12:20PMJ Gonzalez SM 8 6.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

N 70739 TTh 6:00PM - 9:10PM T Mnheen SM 6 6.00
NOTE: Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

MATH 003A CALCULUS AND ANALYTICAL GEOMETRY
Prerequisite: MATH 001 AND MATH 002D or MATH 002. 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. Transfer: CSU/UC/MAJORS.

70778 MTh 9:20AM - 10:30AM F Maddux SM 7 5.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70779 MTh 10:55AM - 12:05PMG Allen SM 134 5.00
NOTE: Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70781 MTh 12:30PM - 1:40PM S Chen SM 10 5.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70775 MTh 2:05PM - 3:15PM L Plunkett SM 10 5.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72669 TTh 8:15AM - 10:15AM J Gonzalez SM 35 5.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

N 70782 TTh 6:00PM - 8:30PM H Meng SM 8 5.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.
MATH 003B  CALCULUS AND ANALYTICAL GEOMETRY
Prerequisite: MATH 003A. 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. Transfer: CSU/UC

70783 MTWTh 8:00AM - 9:10AM F Maddux SM 7  5.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70785 MTWTh 9:20AM - 10:30AM A Butcher SM 8  5.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70787 TTh 10:55AM - 12:55PM M Bodas SM 9  5.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

N 70788 MW 6:00PM - 8:30PM J Dust CIL 133  5.00
NOTE: Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

MATH 004A  INTERMEDIATE CALCULUS
Prerequisite: MATH 003B. This course covers vector-valued functions, calculus of functions of more than one variable, partial derivatives, multiple integrations, Green’s Theorem, Stokes’ Theorem, and the divergence theorem. Transfer: CSU/UC

70791 MTWTh 9:20AM - 10:30AM M Vaughn SM 12  5.00
NOTE: Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70794 MTTh 3:40PM - 5:15PM R Warecki SM 12  5.00
NOTE: Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72693 MW 3:00PM - 5:30PM A Vu BHS 29  5.00
This class meets at Branham High School and enrollment is restricted to high school students.

N 70795 MW 6:00PM - 8:30PM R Warecki SM 12  5.00
NOTE: Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

MATH 004B  DIFFERENTIAL EQUATIONS
Prerequisite: MATH 003B. 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, and singular points, Laplace transforms and linear systems. Transfer: CSU/UC

N 70797 TTh 6:00PM - 8:05PM B Chin SM 12  4.00
NOTE: Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

MATH 004C  LINEAR ALGEBRA
Prerequisite: MATH 003B. 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, eigen-spaces, and linear transformations. Selected applications of linear algebra are included. Transfer: CSU/UC

70799 MW 12:30PM - 2:35PM B Weiss SM 7  4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

N 71873 MW 6:30PM - 8:35PM V Nguyen SM 8  4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

MATH 010  ELEMENTARY STATISTICS
Prerequisite: MATH 106 or 106R or MATH 105. 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. Transfer: CSU/UC

70640 MWF 7:45AM - 9:00AM N Jain SM 13  4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72681 MWTh 7:45AM - 9:05AM K Jackanich CIL 134  4.00
NOTE: This course is for students who would like extra support to be successful in Statistics. Students must be concurrently enrolled in Math 10C, section 72694, which meets T, 7:45-9:10am. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72670 MW 8:00AM - 10:10AM J Gonzalez CIL 135  4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70642 MW 8:30AM - 10:35AM R Hiller CIL 137  4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72689 MWTh 9:20AM - 10:35AM K Jackanich CIL 134  4.00
NOTE: Only students in the First Year Experience program may register for this class. Please email dw.vyle@westvalley.edu to enroll in the program. This course is for students who would like extra support to be successful in Statistics. Students must be concurrently enrolled in Math 10C, section 72696, which meets T, 9:20-10:45am. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72673 MW 10:15AM - 12:20PM S May CIL 11  4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72690 MTTh 10:55AM - 12:10PM L Robledo SM 12  4.00
NOTE: This course is for students who would like extra support to be successful in Statistics. Students must be concurrently enrolled in Math 10C, section 72697, which meets W, 10:55-12:20pm. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72699 MTTh 10:55AM - 12:10PM R Robledo SM 12  4.00
NOTE: This course is for students who would like extra support to be successful in Statistics. Students must be concurrently enrolled in Math 10C, section 72698, which meets W, 12:30-1:50pm. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72691 MTTh 12:30PM - 1:45PM A Butcher SM 8  4.00
NOTE: This course is for students who would like extra support to be successful in Statistics. Students must be concurrently enrolled in Math 10C, section 72699, which meets W, 2:05-3:20pm. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70643 MW 10:15AM - 12:20PM A Butcher CIL 135  4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70646 MW 10:55AM - 12:00PM S Wong CIL 137  4.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72675 MW 12:30PM - 2:35PM R Wong CIL 136  4.00
NOTE: Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

Continued on next page
MATH 010C JUST-IN-TIME SUPPORT FOR STATISTICS
Co-requisite: MATH 010. This course is intended for students who desire additional support in Math 10, Elementary Statistics. The course provides students with "just-in-time" support of mathematical topics needed to be successful in statistics. It is only for students who are concurrently enrolled in Elementary Statistics at West Valley College. Topics include concepts from arithmetic, algebra, and basic statistics that are needed to understand the content of a college-level statistics course. Topics are taught through the context of data analysis. Pass Only.

72694 T 7:45AM - 9:10AM K Jackanich CIL 134 1.50 NOTE: Students must be concurrently enrolled in Math 10, section 72681, which meets MWTh 7:45-9:00am.

72696 T 9:20AM - 10:45AM K Jackanich CIL 134 1.50 NOTE: Students must be concurrently enrolled in Math 10, section 72689, which meets MWTh 9:20-10:35am.

72697 W 10:55AM - 12:20PM R Bodas CIL 135 1.50 NOTE: Students must be concurrently enrolled in Math 10, section 72690, which meets MWTh 10:55-12:10pm.

72698 W 12:30PM - 1:55PM A Butcher SM 1 1.50 NOTE: Students must be concurrently enrolled in Math 10, section 72691, which meets MWTh 12:30-1:45pm.

72699 W 2:05PM - 3:30PM Staff SM 8 1.50 NOTE: Students must be concurrently enrolled in Math 10, section 72692, which meets MWTh 2:05-3:20pm.

72700 T 6:00PM - 7:25PM N Jain SM 10 1.50 NOTE: Students must be concurrently enrolled in Math 10, section 72693, which meets MW 6:00-8:05pm

MATH 012 APPLIED CALCULUS
Prerequisite: MATH 106 (or 106R). This course presents a study of the techniques of calculus with emphasis placed on the application of these concepts to business and management related problems as well as applications for social and life science majors. The applications of derivatives and integrals of functions including polynomial, rational, exponential and logarithmic functions are studied. This course is not equivalent to Math 5A. Transfer: CSU/UC

72701 MW 8:00AM - 10:05AM A Vu SM 6 4.00 NOTE: This course meets both IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. This section requires IN-PERSON meeting for orientation on Monday 8/26 from 2:45-4:45 in SM 11. Students will complete ON-CAMPUS exams on Mondays, 9/20 and 11/4, from 2:45-4:45pm in SM 11. The final exam will be on Monday, 12/9 from 2:45-4:45pm in SM 11. Make sure both WVMPortal and Canvas have your current e-mail address as the instructor will be communicating via e-mail before the semester starts. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72705 MW 12:00PM - 2:05PM R Hiller CIL 133 4.00 NOTE: This course is for students who would like extra support to be successful in applied calculus. Students must be concurrently enrolled in Math 12C, section 72708, which meets Th, 1:10-2:05pm. This section requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72744 R Wong ONLINE 4.00 NOTE: This section meets both IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. This section requires IN-PERSON meeting for orientation on 8/26 from 2:45-4:45 in CIL 120. The final exam will be on 12/9 from 4-6pm in CIL 120. Make sure both WVMPortal and Canvas have your current e-mail address as the instructor will be communicating via e-mail before the semester starts. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72747 A Campbell SM 9 4.00 NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72749 N Jain SM 10 4.00 NOTE: This course is for students who would like extra support to be successful in Statistics. Students must be concurrently enrolled in Math 10C, section 72700, which meets T, 6:00-7:25pm. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.
**MATH 012C  JUST-IN-TIME SUPPORT FOR APPLIED CALCULUS**

Co-requisite: MATH 012. This course is intended for students who desire additional support in Math 12, Applied Calculus. The course provides students with “just in time” support of Applied Calculus topics needed to be successful in Applied Calculus. It is only for students who are concurrently enrolled in Applied Calculus, Math 12, at West Valley College. Topics include operations of real numbers, algebraic properties, manipulation of algebraic expressions, solving algebraic equations, inequalities, graphs of equations in two variables, functions and their properties, and problem-solving strategies. Recommended for students with little or no recent knowledge in advanced algebra topics. Pass Only.

72047 MW 6:30PM - 9:00PM K Lambert CIL 134 5.00

**NOTE:** This section is for students who want to cover a year of algebra in an accelerated format. Students must be concurrently enrolled in Math 106C, section 72079, which meets MW 9:20-10:45am. This course requires the purchase and use of an online homework system. No physical textbook required.

70817 MTWTh 9:20AM - 10:30AM Staff CIL 10 5.00

**NOTE:** This course requires the purchase and use of an online homework system. No physical textbook required.

70820 MTWTh 10:55AM - 12:20PM Staff SM 13 5.00

**SECTION #70820 BEGINS 09/09/19 CLASS ENDS 12/10/19**

**NOTE:** This is a late start course. This course requires the purchase and use of an online homework system. No physical textbook required.

70822 MTWTh 10:55AM - 12:05PM Mittal CIL 136 5.00

**NOTE:** This is a late start course. This course requires the purchase and use of an online homework system. No physical textbook required.

70827 MTWTh 2:05PM - 3:15PM B Chin SM 12 5.00

**NOTE:** Only students in the First Year Experience program may register for this class. Please email wv.fye@westvalley.edu to enroll in the program. This course requires the purchase and use of an online homework system. No physical textbook required.

70831 TTh 6:30PM - 9:00PM C Cassell SM 7 5.00

**NOTE:** This course requires the purchase and use of an online homework system. No physical textbook required.

**O 71508** K Pham ONLINE 5.00

**NOTE:** This section meets both IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. This section requires IN-PERSON meeting for orientation on Monday 8/26 from 5:00pm - 5:50pm in SM 36. Students will complete ON-CAMPUS exams on Mondays, 9/23, 10/21, and 11/18 from 4:00-5:30pm in SM 36. The final exam will be on Monday, 12/9 from 4:10-6:10pm in SM 36. Make sure both WVM-Portal and Canvas have your current e-mail address as the instructor will be communicating via e-mail before the semester starts. In the event of illness or extenuating circumstances, students must complete ON-CAMPUS exams on Mondays, 9/23, 10/21, and 11/18 from 4:00-5:30pm in SM 36. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70800 MTWTh 10:55AM - 12:20PM Staff SM 10 5.00

**NOTE:** Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

**N 70851** MTWTh 8:00AM - 9:10AM S Wu SM 9 5.00

**SECTION #70851 BEGINS 09/23/19 CLASS ENDS 12/10/19**

**NOTE:** This is a late start course. This course requires the purchase and use of an online homework system. No physical textbook required.

70815 MTWTh 7:35AM - 9:10AM S Wu SM 9 5.00

**NOTE:** This course is for students who want to cover a year of algebra in an accelerated format. Students must be concurrently enrolled in Math 106C, section 72079, which meets MW 9:20-10:45am. This course requires the purchase and use of an online homework system. No physical textbook required.

70817 MTWTh 9:20AM - 10:30AM Staff CIL 10 5.00

**NOTE:** This course requires the purchase and use of an online homework system. No physical textbook required.

70820 MTWTh 10:55AM - 12:20PM Staff CIL 10 5.00

**SECTION #70820 BEGINS 09/09/19 CLASS ENDS 12/10/19**

**NOTE:** This is a late start course. This course requires the purchase and use of an online homework system. No physical textbook required.

70822 MTWTh 10:55AM - 12:05PM Mittal SM 136 5.00

**NOTE:** This course is for students who want to cover a year of algebra in an accelerated format. Students must be concurrently enrolled in Math 106C, section 72079, which meets TTh 8:40-10:45am.

72074 TTh 8:40AM - 10:45AM B Weiss CIL 133 4.00

**NOTE:** This course is for students who would like extra support to be successful in applied calculus. Students must be concurrently enrolled in Math 12C, section 72077, which meets MW 9:50-10:45am. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70657 MW 12:30PM - 2:35PM A Vu SM 6 4.00

**NOTE:** This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70656 TTh 6:00PM - 8:05PM N Nguyen SM 13 4.00

**NOTE:** This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

0 72003 K Pham ONLINE 4.00

**NOTE:** This section meets both IN-PERSON and ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. This section requires IN-PERSON meeting for orientation on Monday 8/26 from 5:00pm - 5:50pm in SM 36. Students will complete ON-CAMPUS exams on Mondays, 9/23, 10/21, and 11/18 from 4:00-5:30pm in SM 36. The final exam will be on Monday, 12/9 from 4:10-6:10pm in SM 36. Make sure both WVM-Portal and Canvas have your current e-mail address as the instructor will be communicating via e-mail before the semester starts. In the event of illness or extenuating circumstances, students must complete ON-CAMPUS exams on Mondays, 9/23, 10/21, and 11/18 from 4:00-5:30pm in SM 36. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70654 MW 12:30PM - 2:35PM A Vu SM 6 4.00

**NOTE:** This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70655 TTh 12:30PM - 2:35PM L Robledo SM 6 4.00

**NOTE:** This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72043 MTWTh 8:00AM - 9:10AM G Aleu SM 12 5.00

**NOTE:** This course only prepares students for Math 10 (Elementary Statistics). This course does not satisfy the proficiency requirement of mathematics for the AA/AS degree and is not appropriate for business and STEM majors. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

72046 MW 6:30PM - 9:00PM K Lambert CIL 134 5.00

**NOTE:** This course only prepares students for Math 10 (Elementary Statistics). This course does not satisfy the proficiency requirement of mathematics for the AA/AS degree and is not appropriate for business and STEM majors. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

70417 MTWTh 8:00AM - 9:40AM B Weiss SM 13 3.00

**NOTE:** This course is designed to fulfill the lower division mathematics requirement for students with little or no recent knowledge in advanced algebra. It is intended for science, computer science, engineering, business, nursing, pre-physical therapy, kinesiology, or elementary school education majors. It is intended for students who will take Math 10 or 10H, Elementary Statistics, and who do not need another math course for their major.

70418 MW 8:00AM - 9:50AM B Weiss CIL 135 3.00

**NOTE:** This course is designed to fulfill the lower division mathematics requirement for students with little or no recent knowledge in advanced algebra. It is intended for science, computer science, engineering, business, nursing, pre-physical therapy, kinesiology, or elementary school education majors. It is intended for students who will take Math 10 or 10H, Elementary Statistics, and who do not need another math course for their major.
MATH 106C  JUST-IN-TIME SUPPORT FOR INTERMEDIATE ALGEBRA
Co-Requsite: MATH 106. This course is intended for students who desire additional support in Math 106, Intermediate Algebra. The course provides students with "just in time" support of elementary and intermediate algebra topics needed to be successful in intermediate algebra. It is only for students who are concurrently enrolled in Intermediate Algebra, Math 106, at West Valley College. Topics include operations of real numbers, algebraic properties, manipulation of algebraic expressions, solving algebraic equations, inequalities, graphs of equations in two variables, functions, and problem-solving strategies. This course is recommended for students with little or no recent knowledge in algebra or who desire additional support. Pass Only.

72709 MW 9:20AM - 10:45AM K Pham CIL 136 3.00
NOTE: Students must be concurrently enrolled in Math 106, Section 70814, which meets MTWTh 8:00-9:10am.

72710 TTh 9:20AM - 10:45AM N Mittal CIL 136 3.00
NOTE: Students must be concurrently enrolled in Math 106, Section 70822, which meets MTWTh 10:55-12:05pm.

MATH 106R  INTERMEDIATE ALGEBRA
Prerequisite: MATH 903 or MATH 903R or LRSV 945. This accelerated course reviews topics from elementary algebra and also covers functions, including logarithmic and exponential, and complex numbers. This course is designed for students who have had previous instruction in intermediate algebra.

N 70832 W 6:00PM - 9:10PM N Nguyen SM 7 3.00

MATH 903  ELEMENTARY ALGEBRA
The course covers the basic operations and properties of real numbers, exponential, polynomial, rational, and radical expressions. Other topics include first-degree equations and inequalities, systems of linear equations, graphing, and quadratic, rational and radical equations. Pass/No Pass Option.

72030 MTWTh 9:20AM - 10:30AM S Chen SM 9 5.00
NOTE: Only students in the First Year Experience program may register for this class. Please email wv.fye@westvalley.edu to enroll in the program. This course requires the purchase and use of an online homework system. No physical textbook required.

72032 MTWTh 10:55AM - 12:05PMF Maddux SM 7 5.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required.

72036 MTWTh 2:05PM - 3:15PM C Cassell SM 9 5.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required.

N 72037 SM 6:00PM - 8:30PM PMani SM 9 5.00

MATH TMP1  TRANSFER MATH PREP 1
This course serves as a preparation for students entering Math 000D, 001, 002, 008, and/or 012. In this course, students have the opportunity to develop mathematical skills necessary in succeeding in a transfer level math course as well as study skills needed to succeed in Trigonometry, Pre-calculus Algebra and/or Applied Calculus through classroom instruction and by using a web-based algebra system. Pass Only.

H 73142 W 12:30PM - 1:55PM E Ghers CIL 123 0.50
+ LAB
G Ghers ONLINE
SECTION #73142 BEGINS 10/09/19 CLASS ENDS 12/04/19
NOTE: This section is a HYBRID. Students are required to be on campus for 9 in-person meetings on Wednesday, 10/9 through 12/4 from 12:30 - 1:55 in Cilker 123. All other work is done online. Make sure both WVMPortal and Canvas have your current e-mail address as the instructor will be communicating via e-mail before the course begins. On the first day of class, go to Canvas at the top of the WVC homepage (web.wvm.edu/canvas)

NCMA 106  ESSENTIAL MATH FOR BASIC SKILLS STUDENTS - PRE-ALGEBRA PART 1
This course is the sixth course of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. The class topics include an overview of signed number operations, development of the concept of a variable, properties of algebraic expressions, and an introduction to linear equations.

N 72423 W 6:00PM - 9:10PM M Gilchrist SM 13 0.00
SECTION #72423 BEGINS 10/02/19 CLASS ENDS 10/30/19

NCMA 107  ESSENTIAL MATH FOR BASIC SKILLS STUDENTS - PRE-ALGEBRA PART 2
This course is the seventh course of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. Students have the opportunity to learn how to solve linear equations with fractions and decimals, study equations in two variables, graphing, and properties of exponents and polynomials. After successful completion of this course, the student will have the necessary skills to enter elementary algebra.

N 72424 W 6:00PM - 9:10PM M Gilchrist SM 13 0.00
SECTION #72424 BEGINS 11/06/19 CLASS ENDS 12/04/19

NCMA 010C  MATHEMATICAL SUPPORT FOR ELEMENTARY STATISTICS
This course is intended for students who desire additional support in Math 10, Elementary Statistics. The course provides students with essential support for mathematical topics needed to be successful in statistics. It is only for students who are concurrently enrolled in Elementary Statistics, at West Valley College. Topics include concepts from arithmetic, algebra, and basic statistics that are needed to understand the content of a college-level statistics course.

Topics are taught through the context of data analysis.

72895 T 7:45AM - 9:00AM G Elhers SM 8 0.00
SECTION #72895 BEGINS 09/17/19 CLASS ENDS 12/04/19
72896 W 2:45PM - 4:00PM G Elhers CIL 135 0.00
SECTION #72896 BEGINS 09/18/19 CLASS ENDS 12/05/19

MUSC 001  MUSIC HISTORY: MEDIEVAL, RENAISSANCE AND BAROQUE PERIODS
This course is a survey of music history and literature from antiquity to 1750, including cultural, intellectual and social influences, and provides an in-depth examination of the development of Western European music through analysis and synthesizing of historical details and stylistic elements of the musical trends of the era. Pass/No Pass Option. Transfer: CSU/UC

O 72307 R Cornejo ONLINE 3.00
SECTION #72307 BEGINS 08/24/19 CLASS ENDS 10/19/19
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

MUSC 002  MUSIC HISTORY: CLASSICAL, ROMANTIC AND CONTEMPORARY PERIODS
This course is a survey of music history and literature from 1750 to the present, including cultural, intellectual and social influences. This course provides an in-depth examination of the development of Western European music through analysis and synthesizing of historical details and stylistic elements of the musical trends of the era. Pass/No Pass Option. Transfer: CSU/UC

O 72398 R Cornejo ONLINE 3.00
SECTION #72308 BEGINS 10/21/19 CLASS ENDS 12/14/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
MUSC 003A MUSIC THEORY LEVEL 1
Advisory: MUSC 005. Music majors are required to take MUSC 020A concurrent with this course. Non-majors are encouraged but not required to take MUSC 003A concurrent with this course. Concurrent enrollment in MUSC 30A/B Beginning Piano or 31A/B Intermediate Piano is strongly encouraged for all students. This course incorporates and develops the following concepts, through guided composition and analysis: rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; diatonic chord function; basic cadential formulas and phrase structure; dominant seventh; figured bass symbols; and non-harmonic tones. Development of skills in handwritten notation is expected. Pass/No Pass Option. Transfer: CSU/UC
70662 MW 9:20AM - 10:45AM R Cornejo MU 23 3.00
70661 TTh 9:20AM - 10:45AM T Davis MU 23 3.00

MUSC 004A MUSIC THEORY LEVEL 3
Prerequisites: MUSC 003B & MUSC 020B. This course incorporates the concepts from Music Theory Level 2 and Musicianship Level 2. In addition, through writing and analysis, the course includes 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 four-part writing of diatonic and chromatic chords. The lab focuses on performance skills in advanced sight singing and rhythmic exercises in one and two parts, and dictation of advanced melodic and harmonic elements. Pass/No Pass Option. Transfer: CSU/UC
70681 MW 9:20AM - 11:50AM C Nicklin MU 17 4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 10:25AM - 11:50AM and W from 9:20AM - 11:50AM.

MUSC 005 FUNDAMENTALS OF MUSIC
This course is designed for the student who seeks to acquire beginning basic skills in music theory. No knowledge of music or music theory is required. The course covers: basic music notation, rhythm and meter, scales, key signatures, intervals and inversions, triads, seventh chords, inversions of chords, and basic music analysis. This is not a course required for music majors. Pass/No Pass Option. Transfer: CSU/UC
71791 MW 9:20AM - 10:45AM J Hamlin MU 16 3.00
70683 TTh 9:20AM - 10:45AM R Cornejo MU 17 3.00
O 70682 ONLINE 3.00
NOTE: SECTION #70682 BEGINS 08/24/19 CLASS ENDS 12/14/19
70681 MW 9:20AM - 11:50AM C Nicklin MU 17 4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 10:25AM - 11:50AM and W from 9:20AM - 11:50AM.

MUSC 007 FILM MUSIC APPRECIATION
This course explores film music appreciation. The evolution of film music is traced from early film to present day movies. Pass/No Pass Option. Transfer: CSU/UC
70684 MW 9:20AM - 10:45AM R Cornejo MU 17 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

MUSC 010 MUSIC APPRECIATION
Basic introductory for the student without previous training in music listening of performance. Development of enjoyment and appreciation through active and guided listening to such musical forms as symphony, opera, tone poems, ballet, and concerto from early times to the present. Pre-Baroque (to 1600); Baroque (1600 –1750); Classic (1750 –1820); Romantic Age (1820 –1900); nationalism; Modern (Jazz, Rock, Electronic Music). Transfer: CSU/UC
O 70685 ONLINE 3.00
NOTE: SECTION #70685 BEGINS 09/16/19 CLASS ENDS 12/14/19

MUSC 020A MUSICIANSHIP LEVEL 1
Advisory: MUSC 005. Music majors are required to take MUSC 020A concurrent with this course. Non-majors are encouraged but not required to take MUSC 003A concurrent with this course. Concurrent enrollment in MUSC 30A/B Beginning Piano or 31A/B Intermediate Piano is strongly encouraged for all students. Music majors are required to take MUSC 003A concurrent with this course. Non-majors are encouraged but not required to take MUSC 003A concurrent with this course. This course is a laboratory in ear training and sight-singing correlated with MUSC 003A. This class provides a systematic training in the ability to hear music elements of melody, harmony and rhythm, and to perform melodic, harmonic and rhythmic elements. Pass/No Pass Option. Transfer: CSU/UC
71847 MW 9:20AM - 10:20AM Y Drion MU 22 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 9:50AM - 10:20AM and W from 9:20AM - 10:20AM.
70719 MW 12:30PM - 1:30PM Y Drion MU 22 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 1:00PM - 1:30PM and W from 12:30PM - 1:30PM.
70716 TTh 8:05AM - 9:05AM N Boaz MU 22 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 8:35AM - 9:05AM and Th from 8:05AM - 9:05AM.
72460 W 6:50PM - 8:50PM Staff MU 22 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 7:25PM - 8:50PM.

MUSC 030B BEGINNING PIANO, LEVEL 2
Advisory: MUSC 030A. 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 equal to the second half of Bartok's Mikrokosmos Book 1 are assigned. Pass/No Pass Option. Transfer: CSU/UC
70722 MW 8:05AM - 9:05AM Y Drion MU 22 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 8:35AM - 9:05AM and W from 8:05AM - 9:05AM.
70721 TTh 9:20AM - 10:20AM Y Drion MU 22 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 9:50AM - 10:20AM and Th from 9:20AM - 10:20AM.

MUSC 031A INTERMEDIATE PIANO, LEVEL 3
Advisory: MUSC 030B or One year of private piano lessons or equivalent. This course is a continuation of MUSC 31A. 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; 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. Transfer: CSU/UC
70724 MW 8:05AM - 9:05AM Y Drion MU 22 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 8:35AM - 9:05AM and W from 8:05AM - 9:05AM.
70725 TTh 9:20AM - 10:20AM Y Drion MU 22 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 9:50AM - 10:20AM and Th from 9:20AM - 10:20AM.

MUSC 032A BEGINNING VOICE, LEVEL 1
Topics include the fundamentals of confident singing: proper posture; breath control; tone production; diction; expression; and music notation reading simple examples. Simple piano equal to the second half of Bartok's Mikrokosmos Book 1 are assigned. Pass/No Pass Option. Transfer: CSU/UC
72460 W 1:00PM - 2:00PM Y Drion MU 22 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 1:00PM - 2:00PM.

MUSC 032A BEGINNING VOICE, LEVEL 1
Topics include the fundamentals of confident singing: proper posture; breath control; tone production; diction; expression; and music notation reading simple examples. Simple piano equal to the second half of Bartok's Mikrokosmos Book 1 are assigned. Pass/No Pass Option. Transfer: CSU/UC
72460 W 1:00PM - 2:00PM Y Drion MU 22 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 1:00PM - 2:00PM.

MUSC 032A BEGINNING VOICE, LEVEL 1
Topics include the fundamentals of confident singing: proper posture; breath control; tone production; diction; expression; and music notation reading simple examples. Simple piano equal to the second half of Bartok's Mikrokosmos Book 1 are assigned. Pass/No Pass Option. Transfer: CSU/UC
72460 W 1:00PM - 2:00PM Y Drion MU 22 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 1:00PM - 2:00PM.
MUSC 032B  BEGINNING VOICE, LEVEL 2
Advisory: MUSC 032A. This course is the second in a series of courses designed to give all students, including music and musical theater majors, the opportunity to improve the singing voice and develop the ability to sing confidently in front of others. The fundamentals of healthy vocal production are reviewed and reinforced in warm-ups, group singing, and solo performance. Individual vocal problems are diagnosed and exercises are given to help strengthen and improve the voice. Students have the opportunity to interpret and perform literature from classical art song and the Golden Age of musical theater. Pass/No Pass Option. Transfer: CSU/UC
72302 TTh 12:30PM - 1:30PM Staff MU 12 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 1:00PM - 1:30PM and Th from 12:30PM - 1:30PM.
N 72461 M 7:00PM - 9:00PM M Linduska MU 12 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 7:35PM - 9:00PM.

MUSC 033A  INTERMEDIATE VOICE, LEVEL 3
Prerequisite: MUSC 032B OR private voice lessons for 1 year OR participation in choir for more than 2 years. This third in a series of courses is designed for all students, including music and musical theater majors, to improve the singing voice and develop the ability to sing confidently in front of others. Students are assessed on the fundamentals of healthy vocal production; proper posture and breath to sing; tone production; diction; expression; and music notation reading skills. Individual vocal problems are diagnosed and exercises are given to help strengthen and improve the voice. Students have the opportunity to sing together and individually in class. Students also have the opportunity to interpret and perform literature from many vocal genres including contemporary musical theater repertoire. Pass/No Pass Option. Transfer: CSU/UC
72138 TTh 12:30PM - 1:30PM Staff MU 12 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 1:00PM - 1:30PM and Th from 12:30PM - 1:30PM.
N 72462 M 7:00PM - 9:00PM M Linduska MU 12 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 7:35PM - 9:00PM.

MUSC 033B  INTERMEDIATE VOICE, LEVEL 4
Prerequisite: MUSC 033A OR private voice lessons for 2 years OR participation in choir for more than 3 years. This last in this series of courses is designed for all students, including music and musical theater majors, to improve the singing voice and develop the ability to sing confidently in front of others. Topics include the fundamentals of healthy vocal production; proper posture and breath to sing; tone production; diction; expression; and music notation reading skills. Individual vocal problems are assessed and exercises are given to help strengthen and improve the voice. Students have the opportunity to sing together and individually in class. Students also have the opportunity to interpret and perform literature from many vocal genres including jazz. Pass/No Pass Option. Transfer: CSU/UC
72136 TTh 12:30PM - 1:30PM Staff MU 12 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 1:00PM - 1:30PM and Th from 12:30PM - 1:30PM.
N 72463 M 7:00PM - 9:00PM M Linduska MU 12 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 7:35PM - 9:00PM.

MUSC 035A  DICTION FOR SINGERS: ITALIAN, ENGLISH & LATIN
This course explores the study of singing diction in Italian, English and Latin using the International Phonetic Alphabet (IPA) in spoken, sung, and written drills. A combination of theoretical and applied techniques consisting of sung, aural, spoken, and written exercises, are used to assist and assess students. Pass/No Pass Option. Transfer: CSU/UC
72135 TTh 12:30PM - 1:55PM J Scharlach MU 23 1.00

MUSC 036A  BEGINNING GUITAR—LEVEL 1
This course is a beginning course in guitar. Emphasis is placed on music reading, playing in first position, scales, chords and major and minor keys. Pass/No Pass Option. Transfer: CSU/UC
70717 MW 10:55AM - 11:55AM M Razavi MU 14 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 11:25AM - 11:55AM and W from 10:55AM - 11:55AM.
MUSC 039C    APPLIED MUSIC: STRINGS
Co-requisite: MUSC 048 or MUSC 042 or MUSC 049. This course, intended for music majors, focuses on the individualized study of technique and repertoire for string performance. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty. Transfer: UC
72906 W 4:15PM - 6:20PM T Davis MU 14 1.00
+ 1 weekly suppl hr
NOTE: Audition required each semester. Concurrent enrollment in ensemble is required. This section is geared toward instrumental music majors. Required orientation meeting for all music majors, 4:00PM - 4:30PM, Wednesday, August 28, 2019, in Room MU 12.
New students: Go to www.westvalley.edu/music to register for an audition time. For more information, e-mail lou.delarosa@westvalley.edu. Continuing students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which continuing students must receive a C or higher. Students receiving less than C will be placed on probation. Students receiving a second semester of less than C will be ineligible for this class.

MUSC 039D    APPLIED MUSIC: PERCUSSION
Co-requisite: MUSC 048 or MUSC 042 or MUSC 049. This course, intended for music majors, focuses on the individualized study of techniques and repertoire for percussion. Emphasis is placed on the progressive development of skills needed for percussion performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty. Transfer: UC
72907 W 4:15PM - 6:20PM T Davis MU 14 1.00
+ 1 weekly suppl hr
NOTE: Audition required each semester. Concurrent enrollment in ensemble is required. This section is geared toward instrumental music majors. Required orientation meeting for all music majors, 4:00PM - 4:30PM, Wednesday, August 28, 2019, in Room MU 12.
New students: Go to www.westvalley.edu/music to register for an audition time. For more information, e-mail lou.delarosa@westvalley.edu. Continuing students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which continuing students must receive a C or higher. Students receiving less than C will be placed on probation. Students receiving a second semester of less than C will be ineligible for this class.

MUSC 039E    APPLIED MUSIC: PIANO
Co-requisite: MUSC 048 or MUSC 042 or MUSC 049. This course, intended for music majors, focuses on the individualized study of techniques and repertoire for piano. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty. Transfer: UC
72913 T 4:00PM - 6:05PM J Scharlach MU 12 1.00
+ 1 weekly suppl hr
NOTE: Audition required each semester. Concurrent enrollment in ensemble is required. This section is geared toward instrumental music majors. Required orientation meeting for all music majors, 4:00PM - 4:30PM, Wednesday, August 28, 2019, in Room MU 12.
New students: Go to www.westvalley.edu/music to register for an audition time. For more information, e-mail lou.delarosa@westvalley.edu. Continuing students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which continuing students must receive a C or higher. Students receiving less than C will be placed on probation. Students receiving a second semester of less than C will be ineligible for this class.

MUSC 039F    APPLIED MUSIC: GUITAR
Co-requisite: MUSC 042 or MUSC 049. This course, intended for music majors, focuses on the individualized study of techniques and repertoire for guitar performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty. Transfer: UC
72908 W 4:15PM - 6:20PM T Davis MU 14 1.00
+ 1 weekly suppl hr
NOTE: Audition required each semester. Concurrent enrollment in ensemble is required. This section is geared toward instrumental music majors. Required orientation meeting for all music majors, 4:00PM - 4:30PM, Wednesday, August 28, 2019, in Room MU 12.
New students: Go to www.westvalley.edu/music to register for an audition time. For more information, e-mail lou.delarosa@westvalley.edu. Continuing students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which continuing students must receive a C or higher. Students receiving less than C will be placed on probation. Students receiving a second semester of less than C will be ineligible for this class.

MUSC 039G    APPLIED MUSIC: VOICE
Co-requisite: MUSC 042. This course, intended for music majors, focuses on the individualized study of techniques and repertoire for vocal performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty. Transfer: UC
72909 T 4:00PM - 6:05PM J Scharlach MU 12 1.00
+ 1 weekly suppl hr
NOTE: Audition required each semester. Concurrent enrollment in ensemble is required. This section is geared toward instrumental music majors. Required orientation meeting for all music majors, 4:00PM - 4:30PM, Wednesday, August 28, 2019, in Room MU 12.
New students: Go to www.westvalley.edu/music to register for an audition time. For more information, e-mail lou.delarosa@westvalley.edu. Continuing students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which continuing students must receive a C or higher. Students receiving less than C will be placed on probation. Students receiving a second semester of less than C will be ineligible for this class.

MUSC 039H    APPLIED MUSIC: COMPOSITION
Prerequisites: MUSC 005 & MUSC 030A & MUSC 063A & MUSC 067A. This course, intended for the Scoring for Film, TV and Gaming Certificate, focuses on the individualized study of technique for composition. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for music composition. Achievement is evaluated through a performance of new composition(s) before a jury of music faculty.
72327 W 4:15PM - 6:20PM T Davis MU 14 1.00
+ 1 weekly suppl hr
NOTE: This course fulfills the 2nd semester requirement of the Creat- ing Music for Film, TV and Gaming Certificate. This course does NOT fulfill music major requirements for transfer or AA. Students attend a weekly group meeting in addition to weekly private lessons in music composition. Students must contact Robert Cornejo no later than the first week of the semester, email robert.cornejo@westvalley.edu

MUSC 040    CHAMBER SINGERS
Advisory: MUSC 042. This course focuses on the study, rehearsal, and public performance of chamber choir literature, with an emphasis on the development of independence in ensemble singing. Different literature is studied each semester. Non-majors are welcome. Audition is required. Pass/No Pass Option. Transfer: CSU/UC
72743 W 2:05PM - 4:10PM L De La Rosa MU 12 2.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 3:05PM - 4:10PM and W from 2:05PM - 4:10PM.
MUSC 042 CONCERT CHOIR
Prerequisite: Audition is required. This course focuses on the study, rehearsal, and public performance of choral music literature, with an emphasis on the development of skills necessary to sing in a large ensemble. Study includes development of music reading skills, the building of technical skills, the creation of a beautiful tone, aesthetic awareness, and responsible rehearsal habits in a large ensemble. Audition is required. Pass/No Pass Option. Transfer: CSU/UC

SECTION #70774 BEGINS 09/09/19 CLASS ENDS 12/14/19
70774 TTh  9:20AM - 10:45AM  R Dotson MU 12  3.00

SECTION #72459 BEGINS 10/07/19 CLASS ENDS 12/14/19
72459 W  6:30PM - 9:30PM  K Strom MU 14  2.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 8:05PM - 9:30PM.

MUSC 043A TECHNIQUES OF JAZZ IMPROVISATION
Advisory: MUSC 043A. This course is the second in a two-part sequence, addressing jazz improvisation through guided performance practices. Students have the opportunity to achieve the skills necessary to create music with self-expression in advanced jazz styles. The course includes continued practical application of scales and modes, arpeggios, and melodic lines to the student’s instrument. Transcribing and analyzing solos from recording by famous jazz artists and independent study with tutorial computer programs are required. Listening and performing in class are major components of the course. Pass/No Pass Option. Transfer: CSU/UC

SECTION #72447 BEGINS 09/09/19 CLASS ENDS 12/14/19
72447 W  6:30PM - 9:30PM  K Strom MU 14  2.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 8:05PM - 9:30PM.

SECTION #72445 W  12:30PM - 1:55PM  T Davis MU 14  1.00
NOTE: Auditions for new students will be held by appointment the week before school starts. Go To www.westvalley.edu/music for audition information. Must be able to play a standard band instrument.

MUSC 043B TECHNIQUES OF JAZZ IMPROVISATION 2
Advisory: MUSC 043A. This course is the second in a two-part sequence, addressing jazz improvisation through guided performance practices. Students have the opportunity to achieve the skills necessary to create music with self-expression in advanced jazz styles. The course includes continued practical application of scales and modes, arpeggios, and melodic lines to the student’s instrument. Transcribing and analyzing solos from recording by famous jazz artists and independent study with tutorial computer programs are required. Listening and performing in class are major components of the course. Pass/No Pass Option. Transfer: CSU/UC

SECTION #72446 W  6:30PM - 9:30PM  K Strom MU 14  2.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 8:05PM - 9:30PM.

MUSC 049 SYMPHONIC BAND
Advisory: Audition. This course is for the study, rehearsal, and public performance of the standard wind band literature, with an emphasis on the development of skills necessary to perform within an ensemble. Different literature is studied each semester. Non-majors are welcome. Audition is required. Pass/No Pass Option. Transfer: CSU/UC

SECTION #70732 TTh  12:30PM - 2:35PM  T Davis MU 14  2.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 1:30PM - 2:35PM and Th from 12:30PM - 2:35PM.

MUSC 051 JAZZ BAND
This course focuses on the study, rehearsal, and public performance of standard jazz band literature, with an emphasis on the development of improvisation skills and ensemble playing. Different literature is studied each semester. Non-majors are welcome. Audition is required. Pass/No Pass Option. Transfer: CSU/UC

SECTION #70773 BEGINS 09/09/19 CLASS ENDS 12/14/19
70773 TTh  7:45AM - 9:10AM  R Dotson MU 12  3.00
NOTE: For the general college student fulfills G.E.

SECTION #70774 BEGINS 09/09/19 CLASS ENDS 12/14/19
70774 TTh  12:30PM - 2:35PM  T Davis MU 14  2.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 1:30PM - 2:35PM and Th from 12:30PM - 2:35PM.

MUSC 054 HISTORY OF ROCK AND ROLL MUSIC
This course covers the history of Rock and Roll music from its inception in the mid 40’s through the punk movement of the late 70’s and beyond. This course examines the relationship between music, musicians, and society during this period. Pass/No Pass Option. Transfer: CSU/UC

SECTION #72459 BEGINS 10/07/19 CLASS ENDS 12/14/19
72459 TTh  9:20AM - 10:45AM  R Dotson MU 12  3.00
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

MUSC 055 WORLD MUSIC
World Music covers the developments in music from a non-western perspective and the influence of various cultures including African, South American, and Caribbean. 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. Pass/No Pass Option. Transfer: CSU/UC

SECTION #70776 BEGINS 09/23/19 CLASS ENDS 12/14/19
70776 R Dotson ONLINE  3.00
NOTE: This is a LATE START course. Meets Cultural Diversity requirement. This course meets ONLINE only using the Internet. To begin the course, go to the college’s distance learning webpage to find additional links to the online courses for this semester and the instructor’s homepage. westvalley.edu/dl/
MUSC 056  PERCUSSION ENSEMBLE
Perussion Ensemble is a select group of musicians who engage in the performance of percussion performance literature. The repertoire ranges from classical transcriptions to contemporary jazz and world music. Rehearsals focus on individual preparation of assigned repertoire, group cohesiveness and interpretation. Membership is open to all qualified students of the college. Pass/No Pass Option. Transfer: CSU/UC
72448  TTh  2:45PM - 4:10PM  G Messa  MU  14  1.00

MUSC 061  JAZZ SINGERS
Prerequisite: Audition required. Advisory: MUSC 009. This course focuses on the study, rehearsal, and public performance of jazz choir literature, with an emphasis on the development of independence in solo and ensemble singing. Different literature is studied each semester. Non-majors are welcome. Audition is required. Pass/No Pass Option. Transfer: CSU/UC
72736  MW  4:25PM - 6:35PM  M Ellis  MU  12  2.00
NOTE: Auditions held the first week of class. Class meeting time is for the lecture and lab. Lab portion meets M from 5:35PM - 6:35PM and W from 4:25PM - 6:35PM.

MUSC 063A  INTRODUCTION TO MUSIC PRODUCTION
This is a project based course providing specific training in Digital Audio Workstation audio and music production. The course covers MIDI, digital audio, computer based sequencing, signal processing, recording and score editing with computer-related instruments in an industry standard Digital Audio Workstation environment of either Logic Pro or ProTools. Pass/No Pass Option. Transfer: CSU
70780  MW  12:30PM - 2:55PM  J Forehan  LIB DMC 3.00
NOTE: This section focuses on use of Logic Pro software. Class meeting time is for the lecture and lab. Lab portion meets W from 6:30PM - 9:40PM.

MUSC 063B  COMMERCIAL MUSIC PRODUCTION
Advisory: MUSC 063A. This is a project based course providing advanced training in MIDI programming and editing techniques. The course covers advanced DAW sequencing, signal processing, and recording in an industry-specific DAW environment of either Logic Pro or ProTools. Pass/No Pass Option. Transfer: CSU
71792  W  4:15PM - 9:40PM  J Hanson  LIB DMC 3.00
NOTE: This section focuses on use of ProTools. Class meeting time is for the lecture and lab. Lab portion meets W from 6:30PM - 9:40PM.

MUSC 065A  RECORDING ARTS I
This course is a 4-part series of recording arts classes that are the core of the commercial music certificate. MUSIC 065A is an introductory class to the audio recording arts. It covers basic recording studio skills including analog audio theory, signal flow, gain staging, microphones, mic placement and tracking. Pass/No Pass Option. Transfer: CSU
70786  TTh  9:20AM - 11:45AM  J Forehan  TV STUD 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 10:20AM - 11:45AM.

MUSC 065C  RECORDING ARTS III
Prerequisite: MUSC 065B. 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. Transfer: CSU
70792  MW  9:20AM - 11:45AM  J Forehan  LIB DMC 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 10:20AM - 11:45AM.

MUSC 067B  CREATING MUSIC FOR FILM, TV AND GAMING: TECHNIQUES
Advisory: MUSC 067A. For music creators and songwriters, using tools of the modern MIDI studio, this course covers the spotting session, cue sheets and stem deliveries. Creating music for TV, film, and gaming topics include designing long cues, media songwriting, layering scoring techniques, and developing systems for organizing studio production. Pass/No Pass Option. Transfer: CSU/UC
72450  M  4:15PM - 9:25PM  R Cornejo  LIB DMC 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 4:15PM - 7:15PM.

MUSC 069A  SONGWRITING, LEVEL 1
This course offers the commercial music student the opportunity to acquire basic skills in commercial music theory, specifically in preparation for MUSC 069B Songwriting, Level 2. No prior knowledge of music or music theory is required. This course explores basic music notation, rhythm and meter, scales, key signatures, intervals and inversions, triads, inversions of chords, and simple harmonic analysis. Pass/No Pass Option.
72453  TTh  12:30PM - 1:55PM  J Forehan  LIB DMC 3.00

MUSC 070  MUSIC BUSINESS
This course presents an overview of the business and legal aspects of the music industry. Topics include: record contracts, publishing, licensing, distribution, and copyright. In addition, the duties and responsibilities of producers, agents, managers, promoters, and performing artists are examined. Pass/No Pass Option.
72742  M Razavi  ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

NCMU 152  ORCHESTRA FOR OLDER ADULTS
This non-credit offering 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 application, using diverse media and techniques in the production of musical performances.
72903  M  6:30PM - 10:00PM  S Saatoom  MU  14  0.00
SECTION #72903 BEGINS 06/02/19 CLASS ENDS 08/18/19
NOTE: Class meets regularly M 6:30pm-10:00pm. Other days and times are scheduled for dress rehearsals and performances.

NUTR 015  HUMAN NUTRITION
Basic scientific principles as they apply to human nutrition in maintaining health and preventing disease are discussed. Concentration is on the nutrient requirements of the human body throughout life. Biochemical functions and interrelationships of nutrients are examined. Current nutritional controversies are evaluated. Students have the opportunity to gain practical experience in evaluating nutritional data by completing a self-study project. This course is designed for the student who has no science background. Pass/No Pass Option. Transfer: CSU/UC
70216  MW  12:30PM - 1:55PM  W Bowers-GachesPE  2  3.00
70217  TTh  10:55AM - 12:20PM  W Bowers-GachesPE  2  3.00
70448  D Russo  ONLINE 3.00
SECTION #70448 BEGINS 10/21/19 CLASS ENDS 12/14/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
71846  W Bowers-GachesONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

NUTR 022  SPORTS NUTRITION
This course is designed specifically for the fitness specialist or enthusiast who wants a basic understanding of nutritional principles as they relate to exercise and sports. Emphasis is placed on understanding the role of nutrients in physical performance. Body composition, precompetition meals and the efficiency of ergogenic aids are also discussed. Pass/No Pass Option. Transfer: CSU/UC
72353  W Bowers-GachesONLINE 3.00
OCEANOGRAPHY

OCEA 010 INTRODUCTION TO OCEANOGRAPHY
This course presents some of the more important phenomena of oceanography with emphasis on seafloor plate tectonics, marine geology, ocean chemistry, ocean physics, and marine ecology. The laboratory section complements the lecture with hands-on experience through lab exercises, demonstrations, and field trips. Pass/No Pass Option. Transfer: CSU/UC.

70433 MW 2:05PM - 5:15PM Staff SM 49 4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 2:05PM - 5:15PM. This section meets on Mondays for lecture and on Wednesdays for laboratory. Some Mondays and Wednesdays will have both lecture and laboratory in each session.

70432 Th 9:20AM - 12:20PM K Bowman SM 49 4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets Th from 10:55AM - 12:20PM. This section meets for both lecture and laboratory on Tuesdays and Thursdays.

PARALEGAL

PARA 018 LEGAL ANALYSIS
This course covers how to analyze primary sources of law, including enacted law and court opinions. It focuses on the requirements of the law and applying these requirements to a client’s facts. Transfer: CSU.

N 71032 Th 6:00PM - 8:50PM E Lindenbaum CHE 131 2.00
SECTION #71032 BEGINS 08/28/19 CLASS ENDS 11/14/19

PARA 019 INTRODUCTION TO PARALEGAL STUDIES
This is an introductory course emphasizing the nature and regulation of the paralegal profession including essential job skills. The curriculum also covers the structure and functions of the federal and state legal systems. Transfer: CSU.

N 70075 W 6:00PM - 9:10PM S Dawkins CHE 121 3.00

PARA 021 INTRODUCTION TO AMERICAN LAW
This course provides an overview of major substantive areas of American Law including contracts, constitutional law, corporations, criminal law, family law, property, wills and estates, and personal injury law. Transfer: CSU.

71033 T 9:20AM - 12:30PM S Hopkins CIL 123 3.00

PARA 022 CIVIL LITIGATION PROCEDURES
Prerequisite: PARA 019. Advisory: PARA 065B. This course teaches advanced law office procedures for handling a civil lawsuit, including interviewing and investigative procedures and the procedural steps taken to prepare a civil litigation case. This course provides students with the opportunity to engage in practical exercises consisting of the drafting of pleadings and accompanying documents. Transfer: CSU.

N 71034 T 6:00PM - 9:10PM S Hopkins CHE 123 3.00

PARA 024A WRITING FOR LAW PRACTICE
Prerequisite: PARA 018 and PARA 019. This course covers the drafting of law office communications, both hard-copy and email. Topics covered include legal research using the Internet or a fee-based legal research service, such as Westlaw or LEXIS. Pass/No Pass Option. Transfer: CSU.

N 71035 T 6:00PM - 9:10PM D Doermann CIL 131 1.50
SECTION #71035 BEGINS 10/21/19 CLASS ENDS 12/02/19

PARA 025 LEGAL ETHICS AND PROFESSIONAL RESPONSIBILITY
This course provides an in-depth study of the ethical rules and regulations that govern all personnel in the legal profession. Transfer: CSU.

N 70071 M 6:00PM - 9:30PM S Dawkins CIL 113 1.50
SECTION #70071 BEGINS 08/26/19 CLASS ENDS 10/14/19

PARA 029A PARALEGAL EMPLOYMENT PREPARATION
Prerequisite: PARA 019. This course focuses on job hunting techniques for obtaining paralegal employment and the skills needed to survive and thrive as a paralegal. Pass Only. Transfer: CSU.

N 71036 M 6:00PM - 8:50PM S Dawkins CIL 113 1.00
SECTION #71036 BEGINS 10/22/19 CLASS ENDS 12/14/19

PARA 030 BUSINESS CONTRACT LAW
This course introduces the student to the fundamentals of contract law. The student is introduced to issues of contract formation, breach of contract, and contractual remedies. The course also provides the opportunity to gain experience in the drafting of agreements. Transfer: CSU.

N 72430 W 6:00PM - 9:10PM S Hopkins CHE 130 1.50
SECTION #72430 BEGINS 08/29/19 CLASS ENDS 10/16/19

PARA 035 WILL DRAFTING AND BASIC ESTATE PLANNING
This course introduces basic will drafting and estate planning procedures. Other topics include the terminology, statutes, and case law applicable to this area of law as well as will drafting and other documents related to dispositions of property. Transfer: CSU.

N 72428 M 6:00PM - 9:10PM S Hopkins CHE 121 3.00

PARA 043 LAW OFFICE MANAGEMENT AND TECHNOLOGY
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 record 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. Transfer: CSU.

N 71038 Th 6:00PM - 9:10PM D Doermann CHE 121 3.00

PARA 068 COMPUTER ASSISTED LEGAL RESEARCH
Advisory: PARA 019. This course covers the basic skills needed to do online legal research using the Internet or a fee-based legal research service, such as Westlaw or LEXIS. Pass/No Pass Option. Transfer: CSU.

N 71037 T 6:00PM - 9:10PM R Valdez CHE 131 1.50
SECTION #71037 BEGINS 08/27/19 CLASS ENDS 10/15/19

PARA 070 EMPLOYMENT LAW
This course introduces the student to the major substantive areas of employment law, including employment discrimination, wage and hour regulations, wrongful discharge, family and medical leave, employee privacy rights, and safety regulations. Transfer: CSU.

72431 Th 2:00PM - 5:10PM Staff FOX 103 3.00

PARA 077 ELDER LAW FOR PARALEGALS
This course introduces students to the elderly law issues of estate planning, Medicare, Social Security, and guardianship. Transfer: CSU.

N 72558 W 6:00PM - 9:10PM S Hopkins CHE 130 1.50
SECTION #72558 BEGINS 10/23/19 CLASS ENDS 12/11/19

PARK MANAGEMENT

PMGT 010 INTRODUCTION TO PARK MANAGEMENT
This course provides an introduction to public land management and the history of environmental thought from prehistoric time to the creation of the world’s first protected public parks and forests. Throughout this course the student has the opportunity to explore how the social, economic, political, cultural, and religious influences led 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. Transfer: CSU.

70707 MW 9:20AM - 10:45AM H McFarland CHE 123 3.00
O 72400 C Cruz ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage.
PMGT 012A  BASIC OUTDOOR SKILLS
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. Transfer: CSU
N 70708  M  6:00PM - 9:30PM  D Neumann  CIL 116  2.00
NOTE: Begin date August 26 End date October 21. Field trip dates: 09/07/19, 09/21/19 - 09/22/19, 10/04/19 - 10/06/19.

PMGT 012B  BACKCOUNTRY TECHNICAL RESCUE
This course provides students the opportunity to develop basic skills necessary to rock climb and perform a basic rescue. Skills taught include how to use climbing and rescue equipment, establishing anchors, rock climbing, rappelling, and rope rescue. This course follows State Fire Marshall’s L.A.R.R.O. training curriculum with additional content relating to backcountry/wilderness settings. Pass/No Pass Option. Transfer: CSU
N 71689  W  6:00PM - 9:00PM  A Lerman  CIL 116  3.00
NOTE: Begin Date August 26 End Date December 14. Field Trip Dates: 09/20/19, 10/11/19-10/12/19, 11/21/19-11/24/19.

PMGT 014  CONSERVATION OF OUR NATURAL RESOURCES
This course emphasizes the conservation of our natural resources from the view of conservation problems by considering the history of human populations in the relation to natural resources, their present predicament, and their future outlook. This course also covers conservation as it pertains to water, timber, wildlife, soil, and air. Transfer: CSU
70720  MW  10:55AM - 12:20PM  H McFarland  CHE 120  3.00

PMGT 015A  DUTIES OF THE PARK PROFESSIONAL
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. Transfer: CSU
71480  M  2:05PM - 4:10PM  C Cruz  CHE 120  3.00
NOTE: This class meets both in the classroom and in the field as follows: Classroom Meetings: Mondays 8/26/19, 9/9/19, 9/16/19, 10/21/19 and 11/04/19 from 2:05 p.m.-4:10 p.m. Final exam 12/09/19 2:00 p.m.-4:00 p.m. Field Trips: 9/26/19-9/29/19 and 10/23/19-10/27/19.

PMGT 015B  NATURAL AND CULTURAL RESOURCES INTERPRETATION
This course provides students with the opportunity to increase confidence in their public speaking abilities as they explore the interpretive approach to communication. In this hands-on learning environment, students gain the knowledge and skills necessary to develop and conduct guided walks, children’s programs and campfire presentations. Students have opportunities to learn the fundamentals of creating interpretive media such as brochures, displays, and exhibits. Field trips and professional presentations provide students with exemplary interpretive experiences. Transfer: CSU
72923  T  9:00AM - 2:25PM  H McFarland  OFFCMP  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 11:15AM - 2:25PM. This section meets for both lecture and laboratory on Tuesdays and Thursdays.

PMGT 015C  INTRODUCTION TO PARK MAINTENANCE
This course is an introduction to park maintenance skills and management. Students have opportunities to learn basic skills in the following subjects: carpentry, plumbing, electrical, concrete, painting, and drywall construction. Other topics include selecting materials, tool use and application, project planning, and interpreting plans. Students also have opportunities to learn how to integrate safety into park maintenance operations and learn the basic principles and methods of managing a park maintenance operation. Transfer: CSU
72925  Th  9:00AM - 4:30PM  H McFarland  OFFCMP  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets Th from 10:00AM - 4:30PM. First class meets at Sanborn Maintenance Shop.

PMGT 020A  EMPLOYMENT PREPARATION
Prerequisites: PMGT 015A & 015B & 015C; or PMGT 016A & 016C & 016E; or AVI 030A & 030B & 030C & 030D. This course is designed to provide students with the requisite experience in the development of resumes, background investigations, digital portfolio and interviewing skills and grant writing. Transfer: CSU
71762  M  4:15PM - 5:20PM  H McFarland  CIL 116  1.00

PMGT 020B  INTERNSHIP
Co-requisite: PMGT 020A. In this course, students have the opportunity to apply the knowledge and skills acquired in either the Park Management, Geospatial or UAS Technology Programs. The students, supervisor, and faculty agree upon and establish objectives that students are to achieve during this practical experience in Park Management, Geospatial or UAS Technology. Students have the opportunity to focus on the benchmarks specific to their discipline of choice. A minimum of 120 unpaid or 150 paid internship hours are required. Transfer: CSU
71763  H McFarland  OFFCMP  2.00

PMGT 021  PARK OPERATIONS LABORATORY
This course in park operations takes place in variety of parks, such as Sanborn/Skyline and Stevens Creek. Students have the opportunity to experience ranger, maintenance, and interpretive specialized instruction from various park and open space personnel while performing projects and tasks. Transfer: CSU
72982  M  9:00AM - 12:10PM  D Aguirre  OFFCMP  1.00

PHIL 001  INTRODUCTION TO PHILOSOPHY
This course introduces philosophical ideas and methods concerning knowledge, reality and values. Expected topics include the sources and limits of knowledge, and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, truth, ethics, religion, science, language, beauty and art, political theory, or mind. Transfer: CSU/UC
70199  MW  9:20AM - 10:45AM  A Hanson  FOX 201  3.00
70201  TTh  7:45AM - 9:10AM  A Hanson  LASS 100  3.00
70203  TTh  9:20AM - 10:45AM  B Upton  FOX 201  3.00
O 70202  B Upton  ONLINE  3.00
NOTE: This class meets both in the classroom and in the field as follows: Classroom Meetings: Mondays 8/26/19, 9/9/19, 9/16/19, 10/21/19 and 11/04/19 from 2:05 p.m.-4:10 p.m. Final exam 12/09/19 2:00 p.m.-4:00 p.m. Field Trips: 9/26/19-9/29/19 and 10/23/19-10/27/19.

PHIL 002  INTRODUCTION TO LOGIC
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. Pass/No Pass Option. Transfer: CSU/UC
70205  MW  10:55AM - 12:20PM  A Hanson  FOX 201  3.00

PHIL 003  INTRODUCTION TO ETHICS
Prerequisite: ENGL 001A. 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 right, 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. This course is intended to satisfy the IGETC requirement for Critical Thinking/English Composition. Transfer: CSU/UC
70207  TTh  10:55AM - 12:20PM  M Galindo  LASS 21  3.00
### PHYSICAL EDUCATION

**PHYS 001** **INTRODUCTION TO PHYSICS PROBLEM SOLVING**
Prerequisite: MATH 000D or MATH 002. This course is designed specifically to prepare students for Physics 002A or Physics 004A. It covers basic principles/concepts in classical mechanics and problem-solving skills. Transfer: CSU/UC

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<tr>
<th>Section #</th>
<th>Instructor</th>
<th>Days</th>
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<tr>
<td>70025 TTh</td>
<td>M Vaughn</td>
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<td>7:45AM - 9:10AM</td>
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<tr>
<td>70027 TTh</td>
<td>D Epperson</td>
<td>TTh</td>
<td>9:20AM - 10:45AM</td>
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Class meeting time is for the lecture and lab. Lab portion meets F from 9:50AM to 1:00PM.

### PHYSICS

**PHYS 004A** **ENGINEERING PHYSICS-MECHANICS**
Prerequisite: MATH 003A. Advisory: PHYS 001. Mechanics is the first course in the engineering physics series. Transfer: CSU/UC

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<th>Section #</th>
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<td>70031 MW</td>
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### POLITICAL SCIENCE

**POLI 001** **AMERICAN GOVERNMENT**
This course covers the structure and functions of the American national, state and local governments. Emphasis is placed on the development of democratic institutions through historical and contemporary studies. Students have the opportunity to learn what has shaped the United States Constitution, its amendments, and the operation of one’s role in a democratic government. Transfer: CSU/UC

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<tr>
<td>70171 MW</td>
<td>7:45AM - 9:10AM</td>
<td>N Gutierrez</td>
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<tr>
<td>70174 MW</td>
<td>9:20AM - 10:45AM</td>
<td>J Abrams</td>
<td>LASS 20</td>
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### PHOTOGRAPHY

Please see Fine Arts courses Art 062A-062D and Art 095.
PSYC 001    GENERAL PSYCHOLOGY
This course introduces students to the scientific study of behavior and mental processes, and how they are influenced by an organism’s physical state, mental state, and external environment. Transfer: CSU/UC

70100 MW 9:20AM - 10:45AM C Shih LASS 21  3.00
70103 MW 10:55AM - 12:20PM M Reed LASS 23  3.00
70097 MW 10:55AM - 12:20PM J Bautista LASS 23  3.00
70098 TTh 10:55AM - 12:20PM B Oliveira LASS 23  3.00
70099 TTh 9:20AM - 10:45AM J Bautista LASS 23  3.00
70105 TTh 10:55AM - 12:20PM J Bautista LASS 23  3.00
70104 TTh 12:30PM - 1:55PM B Oliveira LASS 21  3.00
72351 TTh 2:05PM - 4:10PM N Wagner LASS 21  3.00

SECTION #72351 BEGINS 09/17/19 CLASS ENDS 12/05/19
NOTE: This is a LATE START course.

72095 T 3:30PM - 4:55PM B Oliveira LYN 106  3.00
70102 TTh 6:00PM - 9:10PM J Bautista LASS 23  3.00
70117 TTh 6:00PM - 9:10PM N Wagner LASS 21  3.00
70119 TTh 10:55AM - 12:20PM J Bautista LASS 23  3.00
70120 TTh 10:55AM - 12:20PM N Wagner LASS 21  3.00

PSYC 002    EXPERIMENTAL PSYCHOPHYSIOLOGY
Prerequisites: PSYC 001 and MATH 010. This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology are examined through a review of research from a variety of the sub-disciplines in psychology. In the laboratory students have the opportunity to conduct experimental and non-experimental research in a variety of areas. Data collected from research conducted during laboratory sessions are analyzed with statistical software. In addition, a computerized psychophysiology laboratory is used to introduce students to experiments in which one variable is physiological and the primary focus and theoretical context is behavioral. Transfer: CSU/UC

70109 TTh 12:30PM - 1:55PM J Bautista LASS 23  4.00
71211 TTh 12:30PM - 1:55PM J Bautista LASS 23  4.00

PSYC 004    COMPARATIVE GOVERNMENTS
Government & politics of the major world powers. Transfer: CSU/UC

70192 TTh 10:55AM - 12:20PM J Kelly LASS 26  3.00
70191 MW 9:20AM - 10:45AM N Gutierrez LASS 26  3.00
70116 TTh 9:20AM - 10:45AM M Reed LASS 21  3.00
70121 TTh 9:20AM - 10:45AM J Bautista LASS 23  3.00
70115 TTh 9:20AM - 10:45AM M Reed LASS 21  3.00

PSYC 008    INTRODUCTION TO SOCIAL PSYCHOLOGY
The course covers the following topics, among others: Understanding others, Thinking about the social world, Attitude formation, Genes, culture, and gender, Prejudice, Interpersonal attraction (What is love?), Persuasion, Aggression, and Helping and prosocial behavior. These topics have high applicability in the legal system, and clinical settings. Transfer: CSU/UC

70119 TTh 10:55AM - 12:20PM F Wagner LASS 30  3.00
PSYC 025  INTRODUCTION TO ABNORMAL PSYCHOLOGY
Prerequisite: PSYC 001. 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 sociocultural approaches. An integrative survey of theory and research in abnormal behavior, and intervention and prevention strategies for psychological disorders are also introduced. Pass/No Pass Option. Transfer: CSU/UC
70121  MW 10:55AM - 12:20PM M Reed  LASS 21  3.00

PSYC 030  PSYCHOLOGY OF ADDICTION AND SUBSTANCE ABUSE
This course is an introduction to the physiological, psychological, and social processes of addiction and how they relate to the abuse of legal and illegal substances. Pass/No Pass Option. Transfer: CSU/UC
70122  MW 12:30PM - 1:55PM B Oliveira  LASS 21  3.00
NOTE: Health Psychology emphasis.

READING

READ 053  CRITICAL AND EFFICIENT READING
Prerequisite: LRSV 942 or READ 961. 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. Transfer: CSU
70212  MW 9:20AM - 10:45AM M Francis  LASS 31  3.00
71694  TTh 9:20AM - 10:45AM M Francis  LASS 31  3.00
70213  ONLINE D Haugen  ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

READ 960  READING FUNDAMENTALS
This course is designed to improve vocabulary and reading comprehension to prepare students to function at the college preparatory level. Pass/No Pass Option.
70215  TTh 10:55AM - 12:20PM M Francis  LASS 31  3.00

READ 961  EFFECTIVE READING
Prerequisite: READ 960. 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.
70232  MW 12:30PM - 1:55PM Staff  LASS 31  3.00
NOTE: Only students in the First Year Experience program may register for this class. Please email wv.fye@westvalley.edu to enroll in the program.
70218  TTh 10:55AM - 12:20PM M Stachnick  LASS 32  3.00

REAL ESTATE

RLST 090  PRINCIPLES OF REAL ESTATE
This is a required course to obtain a Real Estate Salesperson license. The course covers the basic background, concepts, and terminology necessary for advanced study in other real estate courses. This course is intended to acquaint the student who has little or no training or experience in real estate. This course summarizes information required for the State of California real estate license examinations. This course also applies to the educational requirements of the California Real Estate Broker’s license examination. Pass/No Pass Option. Transfer: CSU
N 70572  M 6:50PM - 10:00PM L Shoemaker  CHE 123  3.00
O 70576  ONLINE L Shoemaker  ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

RLST 091  REAL ESTATE PRACTICE
Advisory: RLST 090. Real Estate Practice is an overview of the operational methods of a real estate business and the procedures used in a typical real estate transaction. The course covers the day-to-day operations of a real estate office, with an emphasis on topics such as listings, purchase and sale agreements, advertising, financing, escrows, taxation, and appraisal. This course summarizes information required for the State of California real estate license examinations. This course is required for a Real Estate Salesperson’s license and for a Real Estate Broker’s license. Pass/No Pass Option. Transfer: CSU
O 70581  A Hatter  ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

RLST 092  REAL ESTATE ECONOMICS
This course provides students with the opportunity to analyze the causes and effects of value fluctuations in real estate, the nature of land development, socioeconomic factors, and what is considered a good or bad real estate investment. Students distinguish between general and specific governmental controls affecting real estate activity and analyze the effect of local, state and federal taxes on real estate activity. Students apply basic economic principles to understand how land values are influenced by multiple factors. This course applies toward the educational requirements of both the California real estate broker’s and the California real estate salesperson’s license examination. Pass/No Pass Option. Transfer: CSU
O 70586  M Angles  ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

RLST 095A  REAL ESTATE FINANCE
Advisory: RLST 090. This course analyzes various topics about real estate financing, including financing for residential and commercial properties, and development opportunities. 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 requirement. Pass/No Pass Option.
O 70589  A Hatter  ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

RLST 099  PROPERTY MANAGEMENT
Advisory: RLST 090. This course covers the successful techniques and practices in the management of income property, including acquisition, analysis of properties and underwriting, legal considerations, marketing techniques, and tax issues. This course summarizes information required for the State of California real estate license examinations; however, considerable outside study for the state exam may be required. This course also applies 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. Transfer: CSU
O 70613  M Angles  ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

SIGN LANGUAGE
see American Sign Language

SOCIAL JUSTICE STUDIES
see Women and Gender Studies
SOCIOLOGY

SOCIO 001 INTRODUCTION TO SOCIOLOGY
The field of sociology as a contemporary scientific discipline. Pass/No Pass Option. Transfer: CSU/UC
70224 MW 7:45AM - 9:10AM J DeHaan LASS 22 3.00
70219 MW 10:55AM - 12:20PM J Ho LASS 22 3.00
70241 Th 10:55AM - 12:20PM DeHaan LASS 22 3.00
70243 Th 12:30PM - 1:55PM T DeDen LASS 22 3.00
O 72407 T DeDen ONLINE 3.00
SECTION #72407 BEGINS 08/26/19 CLASS ENDS 10/03/19
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/eleearning/schedule for class and instructor contact information.

SOCIO 028 SOCIOLOGY OF GENDER
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. Pass/No Pass Option. Transfer: CSU/UC
O 70253 J Ho ONLINE 3.00
SECTION #70253 BEGINS 09/16/19 CLASS ENDS 12/13/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/eleearning/schedule for class and instructor contact information.

SOCIO 045 SOCIOLOGY OF HUMAN SEXUALITY
Sexual attitudes and behavior in a world of groups and societies as studied from the sociological perspective as it interplays with psychological, biological / evolutionary, historical, technological, and other influences. Transfer: CSU/UC
O 70254 T DeHaan ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

SPANISH

SPAN 001A BEGINNING SPANISH
This course introduces the fundamentals of Spanish grammar, vocabulary and pronunciation to communicate about topics of everyday life. Emphasis is placed on communication and cultural relevancy. The student has the opportunity to study various aspects of the culture of the Spanish-speaking world. Pass/No Pass Option. Transfer: CSU/UC
O 70542 TTh 9:20AM - 10:45AM S Castellini-Patel LASS 22 3.00
O 70555 MW 6:00PM - 8:30PM R Conza-Roman LASS 38 5.00

SPAN 001B BEGINNING SPANISH
Prerequisite: SPAN 001A or its equivalent. This course continues the development of basic skills for communication in Spanish - listening, speaking, reading, writing - and offers further exploration of the cultures of the Spanish-speaking world that was begun in Spanish 001A. Students have the opportunity to approach more complex grammar and communicative functions, such as narrating an event in the past, expressing one's opinions using subjunctive, and giving formal and informal commands. Pass/No Pass Option. Transfer: CSU/UC
O 70555 MW 12:30PM - 3:00PM Staff LASS 32 5.00
N 70558 MW 6:00PM - 8:30PM R Conza-Roman LASS 38 5.00
SPAN 002A INTERMEDIATE SPANISH
Prerequisite: SPAN 001B or its equivalent. Review and analysis of the grammatical structures of the language and culture. The course focuses on listening and speaking. Pass/No Pass Option. Transfer: CSU/UC
70560 TTh 12:30PM - 3:00PM S Castellini-Patel LASS 35 5.00

SPAN 002B INTERMEDIATE SPANISH
Prerequisite: SPAN 002A or its equivalent. This course is a continuation of Spanish 002A and is designed to continue to develop and improve the four basic language skills - speaking, understanding, reading and writing with an emphasis on oral communication. The course reviews the fundamentals of grammar, introduces new grammatical structures, expands vocabulary acquisition, and furthers the knowledge and understanding of Hispanic cultures. This course is taught in Spanish. Pass/No Pass Option. Transfer: CSU/UC
70566 TTh 12:30PM - 3:00PM S Castellini-Patel LASS 35 5.00

SPAN 003A ADVANCED SPANISH ORAL AND WRITTEN COMPOSITION
Prerequisite: SPAN 002B or its equivalent. Development of reading and writing proficiency. Pass/No Pass Option. Transfer: CSU/UC
70568 TTh 12:30PM - 3:00PM S Castellini-Patel LASS 35 5.00

SPAN 003B ADVANCED SPANISH ORAL AND WRITTEN COMPOSITION
Prerequisite: SPAN 003A or its equivalent. This course centers on the intensive use of the Spanish language to further the oral and written proficiency. Students have the opportunity to enhance their knowledge of Spanish grammar and develop idiomatic expression while emphasizing written and oral composition. This course includes an analysis of basic literature and selected contemporary publications. Spanish 3A emphasizes Spain while Spanish 3B emphasizes Mexico and Latin America. Pass/No Pass Option. Transfer: CSU/UC
70570 TTh 12:30PM - 3:00PM S Castellini-Patel LASS 35 5.00

SPAN 011A SPANISH LABORATORY
Advisory: SPAN 001A. This is a laboratory course designed to give students the opportunity to improve and reinforce their Spanish language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one’s self, describing daily life activities, and exchanging information about pastimes. It explores the cultures of the Spanish speaking world using language computer programs, and a variety of other technologies, media, Internet resources, and films. This course is recommended for students enrolled in Spanish 1A to further enhance 1A course material, but it may be taken independently. Pass/No Pass Option. Transfer: CSU

70574 M Outeirino-Feijoo ONLINE 0.50 NOTE: This section meets only ONLINE using Canvas (web.vwm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

70578 M Outeirino-Feijoo ONLINE 0.50 NOTE: This section meets only ONLINE using Canvas (web.vwm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

SPAN 011B SPANISH LABORATORY
Advisory: SPAN 001B. This is a laboratory course designed as a continuation of Spanish 11A. It allows students the opportunity to learn and perform complex language skills, such as giving formal and informal polite commands, making suggestions, formulating hypotheses, and narrating events in the past. Students have the opportunity to enrich their knowledge of the culture of South American Spanish speaking countries through the study of movies, literature texts, and newspaper articles, using a variety of technologies, media, Internet resources and films. This course is recommended for students enrolled in Spanish 001B to further enhance 1B course material, but it may be taken independently by students not enrolled in a foreign language course. Pass/No Pass Option. Transfer: CSU

70583 Staff ONLINE 0.50 NOTE: This section meets only ONLINE using Canvas (web.vwm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

70580 M Outeirino-Feijoo ONLINE 0.50 NOTE: This section meets only ONLINE using Canvas (web.vwm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

SPAN 050A BASIC SPANISH CONVERSATION AND CULTURE I
Designed for those desiring a basic, practical conversational approach to learning a language, this course emphasizes conversation and vocabulary-building with a minimum of grammar. A variety of classroom activities give students the opportunity to use the language while studying it. Cultural topics center on everyday life in Spanish-speaking countries today (food, customs and traditions, the family, etc.). Pass/No Pass Option. Transfer: CSU/UC
71797 F 9:20AM - 12:30PM M Outeirino-Feijoo LASS 47 3.00

SPAN 050B BASIC SPANISH CONVERSATION AND CULTURE II
This course is a continuation of Spanish 050A. Students have the opportunity to increase their vocabulary and knowledge of basic grammatical structures while emphasizing conversation. The cultures of Spanish-speaking countries is presented through newspaper and magazine articles as well as a variety of audiovisual materials.
72776 F 9:20AM - 12:30PM M Outeirino-Feijoo LASS 47 3.00

SPAN 051A INTERMEDIATE SPANISH CONVERSATION AND CULTURE I
Students in this course have the opportunity to enhance their ability to express themselves orally in Spanish. The course offers a combination of grammar, vocabulary, and culture. It offers reinforcement of basic grammar topics such as past tenses, direct and indirect pronouns among others. Vocabulary covers different areas of daily life. Students have the opportunity to participate in a variety of activities which allows them to use their Spanish while furthering their knowledge of the customs and culture of Spanish-speaking countries. Pass/No Pass Option. Transfer: CSU/UC
71799 F 9:20AM - 12:30PM M Outeirino-Feijoo LASS 47 3.00

SPAN 070A SPANISH FOR MEDICAL PROFESSIONALS - BEGINNERS
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 the opportunity to use basic Spanish grammar and vocabulary related to the medical working environment. Topics include getting to know the patient, gathering medical history, identifying vocabulary for major illnesses, and body parts. This course offers a wide range of medical and cultural topics related to the Hispanic community such as Hispanics and AIDS, home remedies, and cultural differences in emergency response requests. Pass/No Pass Option. Transfer: CSU
72133 F 9:20AM - 12:30PM J Valenzuela LASS 35 3.00

SPAN 070B SPANISH FOR MEDICAL PROFESSIONALS - INTERMEDIATE
Advisory: SPAN 001A or understanding of basic Spanish. This course is offered to students interested in the medical field utilizing the Spanish language. In this advanced course, students are provided the opportunity to expand their medical terminology and grammar. Students have the opportunity to experience a wider range of communicative settings related to the medical field. Topics include pre-natal care, pediatrics, immunizations, dermatological, 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. Transfer: CSU
72134 F 9:20AM - 12:30PM J Valenzuela LASS 35 3.00

THEATRE ARTS
THEA 002A INTRODUCTION TO THEATRICAL DESIGN
This course is a survey of design in scenery, lighting, costumes, makeup and properties. Additional topics in theatrical equipment and construction techniques are explored through demonstration. Information is applicable to all formal theatrical applications. Transfer: CSU/UC
71781 TTh 12:30PM - 1:55PM S Dahl TA 28 3.00

THEA 005A INTRODUCTION TO FILM/VIDEO PRODUCTION
This course provides an introduction to the basic elements and terminology of film production. Cinematic technique, production best practices, and the duties of the filmmaking team are discussed and demonstrated. Transfer: CSU/UC
70167 M 12:30PM - 3:40PM W Clay TA 28 3.00

THEA 006A WRITING FOR FILM AND TELEVISION
Advisory: Eligible for ENGL 001A. This is an introductory course in script writing for film and television designed to provide students with the skills needed to write various length TV/Film scripts, commercials, and narrative and educational screenplays. Transfer: CSU
70176 TTh 10:55AM - 12:20PM W Clay FOX 106 3.00
THEA 007A  ACTING FOR FILM AND TELEVISION
Advisory: THEA 040A. This course is an introduction to the technique of acting in front of a camera. It includes participation in film acting projects and television production. Students also have the opportunity to learn the terminology of the TV/Film Studio. Pass/No Pass Option. Transfer: CSU/UC
70178 MW 12:30PM - 1:55PM W Springhorn TV STUD 3.00
72853 MW 2:05PM - 3:30PM W Springhorn TV STUD 3.00
THEA 010  INTRODUCTION TO THEATER
This course is an introduction to the world of theater. This introduction includes dramatic literature, technical theater, theater history, production techniques and the critical evaluation of productions. Transfer: CSU/UC
70339 MW 10:55AM - 12:20PM S Dahl TA 28 3.00
70339 TTh 9:20AM - 10:45AM S Dahl TA 28 3.00
71780 E Dale ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
70179 E Dale ONLINE 3.00
SECTION #70179 BEGINS 10/14/19 CLASS ENDS 12/04/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
72411 M Kompelmaker ONLINE 3.00
SECTION #72411 BEGINS 10/14/19 CLASS ENDS 12/04/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
72409 TTh 3:45PM - 5:35PM H Kenyon TA 27 1.00
SECTION #72409 BEGINS 09/03/19 CLASS ENDS 12/05/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
THEA 010H  HONORS INTRODUCTION TO THEATER
Honors Introduction to Theater 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 an introduction to the world of theater. This introduction includes dramatic literature, technical theater, theater history, production techniques and the critical evaluation of productions. Transfer: CSU/UC
72413 TTh 2:05PM - 3:30PM Staff TA 28 3.00
NOTE: You must be an Honors student to register for this course. For information about joining the Honors program, please go to: westvalley.edu/honors.
THEA 011B  SCRIPT ANALYSIS: MODERN REALISM
This course is a survey of world dramatic literature from 1860 to the present with an emphasis on realism and naturalism. The course fully explores an in-depth methodology of reading, analyzing and understanding the play scripts intended for production. Pass/No Pass Option. Transfer: CSU/UC
72408 MW 9:20AM - 10:45AM S Dahl TA 28 3.00
THEA 012  SURVEY OF MUSICAL THEATER
This course is a survey of musical theater from the mid 19th century to present day. Emphasis is placed on the stylistic distinctions of the musical and the contribution of individual composers, librettists, lyricists, choreographers, directors and designers to the genre of musical theater. Students have the opportunity to study the genre's social and cultural significance as a separate and distinctive art form. Pass/No Pass Option. Transfer: CSU/UC
72412 TTh 10:55AM - 12:20PM H Kenyon TA 28 3.00
THEA 014A  SURVEY OF FILM: HORROR AND SCIENCE FICTION
Survey of Film is an introductory film course in which primary focus is placed on the cinematic development of genre classics in Horror and Science Fiction. Critical analysis from an audience perspective includes readings, lectures, and discussions covering conventions, history, evolution, terminology, and technique. Pass/No Pass Option. Transfer: CSU/UC
72865 M 12:30PM - 3:40PM B De Les Dernier FOX 120 3.00
73040 W 12:30PM - 3:40PM W Clay FOX 120 3.00
N 70616 Th 6:00PM - 9:10PM E Rufiesen FOX 120 3.00
O 70612 J Allen ONLINE 3.00
SECTION #70612 BEGINS 10/14/19 CLASS ENDS 12/04/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
THEA 014B  SURVEY OF FILM: WESTERNS AND MUSICALS
Survey of Film is an introductory film course in which primary focus is placed on the cinematic development of genre classics in Westerns and Musicals. Critical analysis from an audience perspective includes readings, lectures, and discussions covering genre conventions, history, evolution, terminology, and technique. Pass/No Pass Option. Transfer: CSU/UC
70621 T 12:30PM - 3:40PM B De Les Dernier FOX 120 3.00
O 72900 E Rufiesen ONLINE 3.00
SECTION #72900 BEGINS 10/14/19 CLASS ENDS 12/04/19
NOTE: This is a LATE START Course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
THEA 014C  SURVEY OF FILM: GANGSTER AND DETECTIVE FILMS
Survey of film is an introductory film course in which primary focus is placed on the cinematic development of 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. Transfer: CSU/UC
70623 Th 12:30PM - 3:40PM W Clay FOX 120 3.00
O 70625 J Allen ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
72131 E Rufiesen ONLINE 3.00
SECTION #72131 BEGINS 10/14/19 CLASS ENDS 12/04/19
NOTE: This is a LATE START Course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
THEA 015  INTRODUCTION TO FILM STUDIES
This course introduces the close analysis of film and television texts. Also it examines the broad questions of form and content, aesthetics and meaning, and history and culture. The course explores the diverse possibilities presented by the cinematic art form through an examination of a wide variety of productions, national cinemas, and film movements. Topics covered include modes of production, narrative forms, visual design, editing, sound, genre, ideology and critical analysis. Transfer: CSU/UC
72889 T 12:30PM - 3:40PM W Clay FOX 107 3.00
O 70635 J Allen ONLINE 3.00
SECTION #70635 BEGINS 10/14/19 CLASS ENDS 12/04/19
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
71795 J Allen ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
THEA 020B  Studio Theater Production Workshop: Modern/Contemporary
This course provides the analysis and dramatization of acting techniques necessary for performance of Modern and Contemporary Theater (1960-Present). This course provides the student an opportunity to perform in a small studio-style theater. Blocking choices and vocal projection are key elements for study in the course. Students have the opportunity to participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition. Transfer: CSU/UC
N 72860 MTW 6:10PM - 10:00PM C Fischer TA 26 3.00
SECTION #72860 BEGINS 09/03/19 CLASS ENDS 12/04/19
NOTE: Studio Production Workshop. Auditions and Technical theater sign-ups are August 27, 28, at 7:00 pm in the Campus Theatre (TA 26). Callbacks are August 29, 7:00 pm in the Campus Theatre (TA 26). Rehearsals begin Tuesday, September 3 at 7:00 pm. For play title and additional information please call 408-741-2058.
THEA 021A  PRACTICAL THEATER (SCENE & STAGE)
This entry-level course gives students the opportunity to gain practical experience in the application of production responsibilities in any of the following: stage management, house management, construction, scenery, properties, lighting, sound, and running crews. Transfer: CSU/UC
72409 TTh 3:45PM - 5:35PM H Kenyon TA 27 1.00
SECTION #72409 BEGINS 09/03/19 CLASS ENDS 12/05/19
NOTE: This section meets only ONLINE using Canvas (web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.
THEA 022A  PRACTICAL THEATER (COSTUME & MAKEUP) I
This entry-level course gives students the opportunity to gain practical experience in the application of production responsibilities in costume construction, costume maintenance and make-up application. Transfer: CSU/UC

71782  TTh  3:45PM - 5:35PM  Staff  TA 42  1.00  SECTION #71782 BEGINS 09/03/19 CLASS ENDS 12/05/19

THEA 033B  STAGE COMBAT
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.

70636  TTh  4:25PM - 5:50PM  B De Les Dernier  TA 26  3.00

THEA 035A  VOICE PRODUCTION AND ARTICULATION
This course offers instruction in the study of vocal development. It is designed to develop, strengthen, and free the voice of the student. Transfer: CSU/UC

71129  MW  2:05PM - 3:30PM  L Lowry  TA 26  3.00

THEA 040A  ACTING ONE
This course provides an introduction to acting with emphasis on one's personal connection to character and scene. Pass/No Pass Option. Transfer: CSU/UC

71783  MW  12:30PM - 1:55PM  A Zsadanyi-Yale  TA 26  3.00
72410  TTh  2:05PM - 3:30PM  L Lowry  TA 26  3.00

THEA 040B  ACTING TWO
Prerequisite: THEA 040A. This course focuses on the externals an actor uses to create a role. There is continued training in acting skills introduced in THEA 040A with detailed script and character analysis. The course also introduces auditioning and improvisational skills. Pass/No Pass Option. Transfer: CSU/UC

70638  TTh  10:55AM - 12:20PM  Lowry  TA 26  3.00

THEA 044A  MAKEUP FOR STAGE & SCREEN
This course is designed to introduce the student to the basic techniques and materials of stage and cinematic makeup. Pass/No Pass Option. Transfer: CSU/UC

70639  MW  10:55AM - 12:20PM  A Zsadanyi-Yale  TA 42  3.00
72396  MW  3:00PM - 4:25PM  A Zsadanyi-Yale  WHS PAC 3.00  NOTE: This class meets at Westmont High School and enrollment is restricted to high school students only.

THEA 070A  MAINSTAGE THEATER PRODUCTION WORKSHOP: AMERICAN REPRESENTATIONAL
This course provides the analysis and dramatization of acting techniques necessary for performance of the Representational American Theatre (1800-1959) in a large proscenium style theater. Students participate in rehearsals and regularly scheduled performances. Auditions are required. Transfer: CSU/UC

72682  Th/F  6:10PM - 10:00PM  R Aronson  TA 26  3.00  SECTION #72682 BEGINS 09/09/19 CLASS ENDS 12/06/19  NOTE: Studio Production Workshop. Auditions and Technical theatre sign-ups are August 27, 28, at 7:00 pm in the Campus Theatre (TA 26). Callbacks are August 29, 7:00 pm in the Campus Theatre (TA 26). Rehearsals begin Tuesday, September 3 at 7:00 pm. For play title and additional information please call 408-741-2058.

TUTORING

ISTU 040  TUTOR TRAINING
This course focuses on successful peer tutoring practices and developing professional skills. Topics include communication styles and skills, the tutoring process and cycle, differentiated learning strategies various learner types, problem-solving and study skills, tutoring ethics and guidelines, addressing the needs of diverse student populations, and student support services. Students who successfully complete the course can apply to be hired as peer tutors; however, course completion does not guarantee employment. Pass/No Pass Only.

71080  MW  3:45PM - 5:15PM  J Wagner  CAWLAB 0.50  SECTION #71080 BEGINS 09/23/19 CLASS ENDS 10/11/19  NOTE: This section requires IN-PERSON meetings from 3:45PM to 5:15PM in LIB CAWLAB on the following days: 9/23, 9/25, 9/30, 10/2, & 10/9. Go to westvalley.edu/eLearning/schedule for class and instructor contact information.

ISTR 040E  TUTOR TRAINING - ENGLISH
Prerequisite or Co-Request: ISTU 40. Advisory: ENGL 905, ENGL 905X This course focuses on tutoring writing and developing professional skills. Topics include communication skills, the writing process, various learner types, essay exam strategies, problem-solving skills, high and low order revision priorities, research strategies, documentation, and the writer's voice. Students who successfully complete the course can apply to be hired as peer writing tutors; however, course completion does not guarantee employment. Pass No/Pass Only.

71823  MW  3:45PM - 5:15PM  J Wagner  CAWLAB 0.50  SECTION #71823 BEGINS 10/21/19 CLASS ENDS 11/08/19  NOTE: This section requires IN-PERSON meetings from 3:45PM to 5:15PM in the CAW LAB on the following days: 10/21, 10/23, 10/28, 10/30, & 11/6. Go to westvalley.edu/eLearning/schedule for class and instructor contact information.

LRSV 110  SUPERVISED TUTORING
Co-Request: Student must be enrolled in the class in which tutoring is sought. Students will be assigned to tutoring by a counselor or instructor based on an identified learning need and will register in the tutoring course. Under direction of a certificated supervisor in the Tutoring Lab, students will receive tutorial assistance from peer tutors in areas of identified academic need and appropriate study skills to develop their ability to learn independently and become a more successful student.

71110  J Wagner  0.00  NOTE: This section is for non-Title 5 qualified courses and non-athletes only. Students, please register in person at Success Center.
71816  J Wagner  0.00  NOTE: This section is for non-Title 5 qualified courses and athletes only. Students, please register in person at Success Center.
73106  J Wagner  0.00  NOTE: This section is for Title 5 qualified courses and for Non-Athletes only. Students, please register in person at Success Center.
73105  J Wagner  0.00  NOTE: This section is for Title 5 qualified courses and for Athletes only. Students, please register in person at Success Center.

LRSV 110M  SUPERVISED TUTORING - MATH
Co-Request: Student must be enrolled in the class in which tutoring is sought. Students will be assigned to tutoring by a counselor or instructor based on an identified learning need and will register in the tutoring course. Under direction of a certificated supervisor in the Tutoring Lab, students will receive tutorial assistance from peer tutors in areas of identified academic need and appropriate study skills to develop their ability to learn independently and become a more successful student.

71722  A Butcher  0.00  NOTE: Section 71722 is for non-Title 5 qualified courses only. Other students should register in other section of LRSV 110M.
72975  A Butcher  0.00  NOTE: Section 72975 is for Title 5 qualified courses only. Other students should register in other section of LRSV 110M.

WOMEN AND GENDER STUDIES

WGGS 001  INTRODUCTION TO WOMEN'S STUDIES
This course introduces students to the study of women and gender, from an intersectional perspective. The course provides an overview of the “waves” of women’s rights movements in U.S. history and debates about women’s roles in society. With this grounding in a variety of feminist discourses, students have the opportunity to explore contemporary women’s rights issues in both local and global contexts. Topics include: the social construction of gender, race, class, sexualities, and disabilities in different cultures; women’s sexualities and gender identities; health and reproductive issues; family structures; violence against women; the economics of women’s labor, paid and unpaid; education, political activism and social justice. All genders are equally welcome in this course. Pass/No Pass Option. Transfer: CSU/UC

70001  MW  12:30PM - 2:35PM  D Shaw  LASS 48  4.00
WGQS 002    WOMEN IN THE ARTS: MULTICULTURAL PERSPECTIVES
This course introduces students to the study of women's creative work in literature, the visual arts, and the performing arts, and feminist art. The course presents an overview of new theories and methods of scholarship, including the use of gender, race, culture, and class as lenses of analysis. Students have opportunities to examine how this new scholarship is changing appraisals of women's contributions to the arts. Pass/No Pass Option. Transfer: CSU/UC
72528 R Cisneros-Diaz  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (web.vwm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

WGQS 003    INTRODUCTION TO GENDER AND QUEER STUDIES
This course introduces concepts and research in the fields of Gender and Queer Studies. Students have the opportunity to conceptualize gender and sexuality as fluid and using an intersectional, social justice-focused approach to identity, study gender and queer theory, and examine cultural norms and social expectations about behavior associated with various sex and gender categories from a variety of societies and historical periods. The course presents cross-cultural and historical perspectives on a continuum of sex and gender identities and sexualities, with a focus on LGBTQ identities and their social construction over time. Students analyze legal and social issues in contexts of sex, gender, sexuality, and other intersectional identity categories such as race, ethnicity, class, ability, age, nation of origin, and documentation, language, and housing status. Pass/No Pass Option. Transfer: CSU/UC
72527 TTh  2:05PM - 3:30PM L Burrill  LASS  48  3.00

WGQS 004A    WOMEN IN WORLD CULTURES
This course introduces students' contributions to cultures around the world from prehistory to 1500 CE. Drawing on primary sources, the course illuminates the lives and work of women writers, artists, philosophers, and political leaders from Africa, Asia, Europe, Oceania, and the Americas. Focusing on women's work in the humanities—literature, philosophy, visual arts and performing arts—the course highlights societies and eras in which women's agency, autonomy, and creative accomplishments were particularly strong. Students have the opportunity to analyze cultural factors that supported or inhibited this creativity, including ideas about gender embedded in religions, mythologies, social philosophies, and political institutions. Pass/No Pass Option. Transfer: CSU/UC
70005 TTh  9:20AM - 10:45AM J Maia  LASS  48  3.00

ENGL 001B    CRITICAL THINKING THROUGH LITERATURE
Prerequisite: ENGL 001A. This course builds on composition skills developed in English 001A by introducing students to critical thinking and the analysis of literature, specifically fiction, poetry, and drama. Students have the opportunity to practice a variety of writing techniques, interpretive strategies, and research skills. Transfer: CSU/UC
70436 TTh  10:55AM - 12:20PM L Burrill  LASS  47  3.00
NOTE: Women, Gender, and Queer and Social Justice Studies focus.
72415 L Burrill  ONLINE  3.00
NOTE: Women, Gender, and Queer and Social Justice Studies focus. This section meets only ONLINE using Canvas (web.vwm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

ENGL 049    MODERN FICTION
Advisory: ENGL 001A. 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. Transfer: CSU/UC
72416 L Burrill  ONLINE  3.00
NOTE: Women, Gender, and Queer and Social Justice Studies focus. This section meets only ONLINE using Canvas (web.vwm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to westvalley.edu/elearning/schedule for class and instructor contact information.

WORK EXPERIENCE
Work Experience is a course like any other, but your job is your classroom. Students meet with a Faculty Advisor and create “Learning Objectives” - skills to learn at the workplace.

WRKX 302G    GENERAL WORK EXPERIENCE
This course involves 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. A General Work Experience course may only be taken once. Pass/No Pass Option. Transfer: CSU
72781 H Hughes  2.00
NOTE: SECTION IS NOT CLOSED. ORIENTATION REQUIRED. SEE WORK EXPERIENCE ORIENTATION MEETINGS OR CALL HEIDIE HUGHES AT (408) 741-2114 OR E-MAIL AT heidie.hughes@westvalley.edu FOR ORIENTATION INFORMATION. This course is NOT REPEATABLE
72283 H Hughes  3.00
NOTE: SECTION IS NOT CLOSED. ORIENTATION REQUIRED. SEE WORK EXPERIENCE ORIENTATION MEETINGS OR CALL HEIDIE HUGHES AT (408) 741-2114 OR E-MAIL AT heidie.hughes@westvalley.edu FOR ORIENTATION INFORMATION. This course is NOT REPEATABLE

WRKX 303    OCCUPATIONAL WORK EXPERIENCE
This course involves the supervised employment of students in positions which are related with their selected field of study, thereby extending the learning experiences of the classroom to the field. The program provides students with the opportunity to increase their understanding of the world of work and explore their chosen field of work. Units of credit are awarded on the basis of number of hours of employment per week and the successful completion of learning objectives. Students may not enroll in more than sixteen (16) units that are directly related to occupational work experience, whether from one department or from multiple departments, or general work experience. Pass/No Pass Option. Transfer: CSU
72234 H Hughes  2.00
NOTE: SECTION IS NOT CLOSED. ORIENTATION REQUIRED. SEE WORK EXPERIENCE ORIENTATION MEETINGS OR CALL HEIDIE HUGHES AT (408) 741-2114 OR E-MAIL AT heidie.hughes@westvalley.edu FOR ORIENTATION INFORMATION.
72282 H Hughes  3.00
NOTE: SECTION IS NOT CLOSED. ORIENTATION REQUIRED. SEE WORK EXPERIENCE ORIENTATION MEETINGS OR CALL HEIDIE HUGHES AT (408) 741-2114 OR E-MAIL AT heidie.hughes@westvalley.edu FOR ORIENTATION INFORMATION.
72283 H Hughes  4.00
NOTE: SECTION IS NOT CLOSED. ORIENTATION REQUIRED. SEE WORK EXPERIENCE ORIENTATION MEETINGS OR CALL HEIDIE HUGHES AT (408) 741-2114 OR E-MAIL AT heidie.hughes@westvalley.edu FOR ORIENTATION INFORMATION.
CONTINUING EDUCATION COURSES

NOTE: The courses below are free, noncredit courses.

NCAD 110A  BASIC LIFE SKILLS
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.

71113 MTWTh 9:00AM - 12:05PM L Sadasivan CMPB J68 0.00
SECTION #71113 BEGINS 09/23/19 CLASS ENDS 10/16/19

71112 MTWTh 9:00AM - 12:05PM L Sadasivan CMPB J68 0.00
SECTION #71112 BEGINS 09/23/19 CLASS ENDS 10/16/19

71114 MTWTh 9:00AM - 12:05PM L Sadasivan CMPB J68 0.00
SECTION #71114 BEGINS 10/17/19 CLASS ENDS 11/13/19

72963 MTF 9:00AM - 2:00PM E Eastman OLGC 0.00
SECTION #72963 BEGINS 08/26/19 CLASS ENDS 09/17/19

72964 MTF 9:00AM - 2:00PM E Eastman OLGC 0.00
SECTION #72964 BEGINS 09/20/19 CLASS ENDS 10/14/19

72965 MTF 9:00AM - 2:00PM E Eastman OLGC 0.00
SECTION #72965 BEGINS 10/15/19 CLASS ENDS 11/05/19

72966 MTF 9:00AM - 2:00PM E Eastman OLGC 0.00
SECTION #72966 BEGINS 11/08/19 CLASS ENDS 12/03/19

71851 WF 10:00AM - 12:00PM MB Reis CMPB CS5 0.00
SECTION #71851 BEGINS 09/04/19 CLASS ENDS 12/04/19

NCAD 110B  INTERMEDIATE LIFE SKILLS
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.

72978 MTWTh 10:00AM - 12:00PM S Watkins SMUM 0.00
SECTION #72978 BEGINS 09/09/19 CLASS ENDS 10/22/19

72979 MTWTh 10:00AM - 12:00PM S Watkins SMUM 0.00
SECTION #72979 BEGINS 10/13/19 CLASS ENDS 11/26/19

72842 MTWTh 12:05PM - 3:10PM S Watkins CMPB J68 0.00
SECTION #72842 BEGINS 11/14/19 CLASS ENDS 12/19/19

71116 MTWTh 12:05PM - 3:10PM L Sadasivan CMPB J68 0.00
SECTION #71116 BEGINS 09/23/19 CLASS ENDS 10/26/19

71102 MTWTh 12:05PM - 3:10PM L Sadasivan CMPB J68 0.00
SECTION #71102 BEGINS 10/17/19 CLASS ENDS 11/13/19

71115 MTWTh 9:00PM - 12:05PM L Sadasivan CMPB J68 0.00
SECTION #71115 BEGINS 08/26/19 CLASS ENDS 09/19/19

72852 MW 9:30AM - 10:30AM D Jaime PARS 0.00
+LAB W 11:00AM - 12:30PM D Jaime PARS 0.00
SECTION #72852 BEGINS 08/26/19 CLASS ENDS 11/27/19

72850 TTh 10:00AM - 11:30PM D Jaime PARS 0.00
SECTION #72850 BEGINS 08/27/19 CLASS ENDS 12/03/19

72751 TTh 10:00AM - 11:30PM D Jaime PARS 0.00
SECTION #72751 BEGINS 08/27/19 CLASS ENDS 11/19/19

N 73054 MW 5:30PM - 8:35PM E Yu Costa LASS 20 0.00
SECTION #73054 BEGINS 08/26/19 CLASS ENDS 10/16/19

NCAD 114  CITIZENSHIP
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.

73110 MW 2:45PM - 4:50PM E Yu Costa PARS 0.00
SECTION #73110 BEGINS 10/22/19 CLASS ENDS 12/12/19

73150 TTh 2:00PM - 5:00PM E Yu Costa IELC 0.00
SECTION #73150 BEGINS 10/22/19 CLASS ENDS 12/12/19

N 73109 TTh 5:30PM - 8:35PM E Yu Costa LASS 20 0.00
SECTION #73109 BEGINS 08/26/19 CLASS ENDS 10/17/19

N 73083 TTh 5:30PM - 8:35PM E Yu Costa LASS 20 0.00
SECTION #73083 BEGINS 10/22/19 CLASS ENDS 12/12/19

NCAD 140  FORUM ON LOCAL AND GLOBAL TOPICS
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.

71540 M 9:00AM - 10:20AM H Kim VAS1WV 0.00
SECTION #71540 BEGINS 08/26/19 CLASS ENDS 12/09/19

72088 M 9:00AM - 10:20AM I Badea WIL1WV 0.00
SECTION #72088 BEGINS 08/26/19 CLASS ENDS 12/09/19
## CLASS INFORMATION — Fall 2019

<table>
<thead>
<tr>
<th>Section #</th>
<th>Day</th>
<th>Time</th>
<th>Instructor</th>
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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.

- **NCAD 145 OLD ADULT ART**
- **W** = ONLINE CLASS
- **N** = NIGHT CLASS
- **O** = ONLINE CLASS
- **W** = WEEKEND CLASS

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115
CLASS INFORMATION — Fall 2019

NCBU 054 SMALL BUSINESS START-UP
Students have the opportunity to learn strategies and tactics necessary for starting and maintaining a small business. This course focuses on small businesses students might actually start versus high-growth firms dependent on venture capital. This course is a continuation of NCBU15, The Entrepreneur Mind.

72361 MW 9:00AM - 10:15AM J Nyguenly 0.00
SECTION #72361 BEGINS 09/09/19 CLASS ENDS 10/02/19

NCBU 056 MARKETING BASICS
This course provides students with the opportunity to acquire practical experience and understand the process of actually doing marketing. Students explore current trends and how to deliver value to both customers and the company.

72363 MW 9:00AM - 10:15AM J Nyguenly 0.00
SECTION #72363 BEGINS 11/04/19 CLASS ENDS 12/02/19

NCCR 002 STENOGRAPHIC SKILLBUILDING LEVEL 2: 80-140 WPM
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.

72687 MTWTh 12:00PM - 3:00PM P Tchang V 9 0.00
SECTION #72687 BEGINS 09/26/19 CLASS ENDS 10/28/19
72685 MTWTh 12:00PM - 3:00PM P Tchang V 9 0.00
SECTION #72685 BEGINS 08/26/19 CLASS ENDS 09/25/19
72686 MTWTh 12:00PM - 3:00PM P Tchang V 9 0.00
SECTION #72686 BEGINS 09/26/19 CLASS ENDS 10/28/19
72683 MTWTh 5:30PM - 8:30PM C Leung V 11 0.00
SECTION #72683 BEGINS 09/26/19 CLASS ENDS 10/28/19
72684 MTWTh 5:30PM - 8:30PM C Leung V 11 0.00
SECTION #72684 BEGINS 09/26/19 CLASS ENDS 10/28/19
72682 MTWTh 5:30PM - 8:30PM C Leung V 11 0.00
SECTION #72682 BEGINS 08/26/19 CLASS ENDS 09/25/19
72681 MTWTh 5:30PM - 8:30PM C Leung V 11 0.00
SECTION #72681 BEGINS 08/26/19 CLASS ENDS 09/25/19

NCMA 104 ESSENTIAL MATH FOR BASIC SKILLS STUDENTS - PERCENTS & SIGNED NUMBERS
This course is the fourth course of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. Students have the opportunity to learn about percents and integers.

72422 W 6:00PM - 9:10PM M Gilchrist SM 13 0.00
SECTION #72422 BEGINS 09/26/19 CLASS ENDS 10/29/19

NCMA 106 ESSENTIAL MATH FOR BASIC SKILLS STUDENTS - PRE-ALGEBRA PART 1
This course is the sixth course of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. The class topics include an overview of signed number operations, development of the concept of a variable, properties of algebraic expressions, and an introduction to linear equations.

72423 W 6:00PM - 9:10PM M Gilchrist SM 13 0.00
SECTION #72423 BEGINS 10/02/19 CLASS ENDS 10/30/19
vascular endurance. Individualized programs address the limitations of the individual's disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

NCPE 1.34 ADAPTED WEIGHT TRAINING
This non-credit adapted weight training course is designed for students with disabilities. Individualized exercise programs are created that focus on basic weight training and strength development principles. The programs address the limitations of the individual's disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

OFF-CAMPUS

ADMJ 001 INTRODUCTION TO ADMINISTRATION OF JUSTICE
This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, components of justice, and current issues and trends. 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. Transfer: CSU/UC

ADMJ 026 ORGANIZED CRIME
This course includes the study of the origins and development of organized crime from early Italy to contemporary America. The course 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. Transfer: CSU

ASLA 060A AMERICAN SIGN LANGUAGE I
This course is designed for the development of and practice in elementary American Sign Language (ASL). It offers preparation for acquiring a visual gestural language; finger spelling; vocabulary; modeling and use of basic grammatical structure. It has a focus on beginning communication skills with emphasis on comprehension. Basic cultural aspects of deafness; historical and linguistic elements of sign language are covered also. The course is taught solely in American Sign Language. Pass/No Pass Option. Transfer: CSU/UC

ANTH 003 INTRODUCTION TO CULTURAL ANTHROPOLOGY
Study of the range of cultures of the world, including language, art, religion, political and ecological systems, as well as contemporary issues. Pass/No Pass Option. Transfer: CSU/UC

BUSB 051 INTRODUCTION TO BUSINESS
This business survey course provides an overview of the various areas of concentration business majors can pursue. The course covers topics such as globalization, human resources, marketing, leadership, information technology, accounting, personal finance, legal issues, and operations management. The course also examines how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business. Pass/No Pass Option. Transfer: CSU/UC

• PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
• Courses used to meet prerequisite requirements must have been completed with a grade of "C" credit or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
BUSN 061 BUSINESS, GOVERNMENT AND SOCIETY
This class offers students an opportunity to learn about the mutually interdependent nature of business, government, and society. The class focuses on how business affects society and vice-versa. Topics covered in this class include business ethics, government regulation, the global environment of business, and the societal challenges and benefits of business activity. Pass/No Pass Option. Transfer: CSU/UC
72920 MW 2:45PM - 4:10PM  J Daire  PHS 3.00
NOTE: This class meets at Prospect High School and enrollment is restricted to high school students only.

CHST 002 CHILD GROWTH AND DEVELOPMENT
This course provides an introduction to human growth and development from conception through adolescence including physical growth, language, and social-emotional and cognitive development of the child. Topics discussed include theories of development; developmental and cultural contexts; heredity; societal influences and interaction with the environment. Observation of children is required. Pass/No Pass Option. Transfer: CSU/UC
72916 MW 2:50PM - 4:15PM  Annette Deckert  DMHS 3.00
NOTE: This class meets at Del Mar High School and enrollment is restricted to high school students only.

CHST 063 CHILD, FAMILY, AND COMMUNITY
This course examines the developing child in a societal context focusing on the interrelationship of family, school, and community and emphasizes historical and socio-cultural facts. The processes of socialization and identity development are highlighted, showing the importance of respectful reciprocal relationships that support and empower families. Pass/No Pass Option. Transfer: CSU
72919 TTh 3:00PM - 4:25PM  L Dotson  WHS 3.00
NOTE: This class meets at Westmont High School and enrollment is restricted to high school students only.
72915 W 1:30PM - 4:40PM  K Moore Wines  BHS 3.00
NOTE: This class meets at Branham High School and enrollment is restricted to high school students only.

DIGM 021A WEB DEVELOPMENT 1
This course focuses on using the most recent version of HTML and CSS to create web sites and mobile applications. The course also covers web standards following ADA requirements and validation. Students have the opportunity to plan, code and launch web sites for web and mobile platforms and work in teams using UX and interface design techniques. Pass/No Pass Option. Transfer: CSU
H 72935 TTh 3:00PM - 4:25AM  S Houghton  WHS 4.00
+ LAB  S Houghton  ONLINE
NOTE: This class meets at Westmont High School and enrollment is restricted to high school students only.

MATH 004A INTERMEDIATE CALCULUS
Pre-requisite: MATH 003B. This course covers vector-valued functions, calculus of functions of more than one variable, partial derivatives, multiple integration, Green’s Theorem, Stokes’ Theorem, and the divergence theorem. Transfer: CSU/UC
70793 MTTH 3:15PM - 4:50PM  S Blasberg  LYN 403 5.00
NOTE: This section is being held at Lynbrook High School in Room 403 and is open to all students. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

PSYC 001 GENERAL PSYCHOLOGY
This course introduces students to the scientific study of behavior and mental processes, and how they are influenced by an organism’s physical state, mental state, and external environment. Transfer: CSU/UC
72095 TTh 3:30PM - 4:55PM  B Oliveira  LYN 106 3.00
NOTE: This class meets at Lynbrook High School and enrollment is restricted to high school students only.

PARA 029B PARALEGAL INTERNSHIP
Prerequisite: PARA 022 and PARA 023 and PARA 025 and PARA 029A and PARA 065B. The internship provides students with the opportunity to apply knowledge and skills learned in the program in a private or corporate office or a government agency while working under the supervision of a member of the California State Bar or a Patent Agent. This course requires 120 unpaid or 150 paid internship hours. Pass Only. Transfer: CSU
71036 S Hopkins  OFFCMP 2.00
SECTION #71036 BEGINS 09/23/19 CLASS ENDS 12/14/19

PMGT 005C INTRODUCTION TO PARK MAINTENANCE
This course is an introduction to park maintenance skills and management. Students have opportunities to learn basic skills in the following subjects: carpentry, plumbing, electrical, concrete, painting, and drywall construction. Other topics include selecting materials, tool use and application, project planning, and interpreting plans. Students also have opportunities to learn how to integrate safety into park maintenance operations and learn the basic principles and methods of managing a park maintenance operation. Transfer: CSU
72925 Th 9:00AM - 12:30PM  H McFarland  OFFCMP 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets Th from 10:00AM - 4:30PM. First class meets at Sanborn Maintenance Shop.

PMGT 020B INTERNSHIP
Co-requisite: PMGT 020A. In this course, students have the opportunity to apply the knowledge and skills acquired in either the Park Management, Geospatial or UAS Technology Programs. The students, supervisor, and faculty agree upon and establish objectives that students are to achieve during this practical experience in Park Management, Geospatial or UAS Technology. Students have the opportunity to focus on the benchmarks specific to their discipline of choice. A minimum of 120 unpaid or 150 paid internship hours are required. Transfer: CSU
71763 H McFarland  OFFCMP 2.00

PMGT 021 PARK OPERATIONS LABORATORY
This course in park operations takes place in a variety of parks, such as Sanborn/Skyline and Stevens Creek. Students have the opportunity to experience the maintenance, management, and interpretation of park space personnel while performing projects and tasks. Transfer: CSU
72982 M 9:00AM - 12:10PM  D Aguirre  OFFCMP 1.00

THEA 044A MAKEUP FOR STAGE & SCREEN
This course is designed to introduce the student to the basic techniques and materials of stage and cinematic makeup. Pass/No Pass Option. Transfer: CSU/UC
72936 MW 3:00PM-4:25PM  A Zsadanyi-Yale  WHS PAC 3.00
NOTE: This class meets at Westmont High School and enrollment is restricted to high school students only.

=HYBRID CLASS  =NIGHT CLASS  =ONLINE CLASS  =WEEKEND CLASS