Marketing and Sales
(Also see BUSINESS ADMINISTRATION/REAL ESTATE)

THE FACULTY
Jim Henderson
Lance Shoemaker

DIVISION Che School of Professional Studies
DEAN Renee Paquier
COUNSELING 408-741-4068

BUSN 040 SALES STRATEGIES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course includes the nature and concept of sales principles and strategies; careers in selling including manufacturer’s representatives, wholesale salespersons, retail salespersons, specialty salespersons and sales engineers; each category is explored in depth; issues on how to approach a prospect, how to prospect, qualify, make an effective sales presentation by using the stimulus-response method, the formula method, and the needs-satisfaction method are explored. Students taking this class will learn how to succeed in sales regardless of their chosen field. Motivation of the customer, handling customer objections and complaints, closing the sale, and follow up procedures are explored in depth. Pass/No Pass Option

BUSN 056 MARKETING PRINCIPLES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
The student enrolling in this course will study the areas and various activities involved in the transfer of goods from producer to the customer. Retail, wholesale and industrial marketing channels and institutions are investigated. Discussion of marketing concepts, promotional strategies, pricing policies, and international marketing are incorporated. Pass/No Pass Option

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

Mathematics

THE FACULTY
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William Breder
Alyson Butcher
SerKuang Chen
Brad Chin
Gretchen Ehlers
Jesus Gonzalez
Rebecca Hiller
Kristen Jackanich
Faun Maddux
Neel Mittal
Kim Pham
Laura Plunkett
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Amy Vu
Betty Weiss
Rebecca Wong
Shannon Wong

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Degrees:
A.S.-T, Mathematics
A.S., Mathematics

Mathematics is a multifaceted subject of great beauty and application. The study of math explores some of the deepest questions and puzzles that have ever been encountered and equips the student with a universal language used to study quantities and relationships in all fields. Through the study of mathematics, the student develops both the ability to think logically and abstractly as well as the problem-solving and computational skills necessary for success in any field of study.

Highlights
• A professional and innovative staff committed to providing the best possible mathematics education, including the use of computers and multimedia presentations in the teaching of mathematics.
• A comprehensive mathematics curriculum addressing the needs of both the transfer student and the non-transfer student.
• A math resource center providing free tutoring and alternative modes of instruction and support for students
• A technology-mediated alternative for students in arithmetic and algebra.

Career Options
• Actuary
• Appraiser
• Assessor
• Auditor
• Biometrician
• Budget Analyst
• Casualty Rater
• Computer Programmer
• Controller
• Demographer
• Doctor
• Economist
• Engineering Analyst
• Epidemiologist
• Financial Analyst
• Investment Analyst
• Lawyer
• Management Scientist
• Mathematician
• Operations Researcher

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
Mathematics

ASSOCIATE IN SCIENCE IN MATHEMATICS FOR TRANSFER DEGREE (AS-T in Mathematics)

The Associate in Science in Mathematics for Transfer degree (AS-T in Mathematics) is a 60 unit program designed to provide lower division education to students planning to transfer to a CSU institution in pursuit of a baccalaureate degree in Mathematics.

Students completing the program will be able to:
- solve problems using mathematical symbols, operations, and techniques appropriate to the course content and level of study;
- apply appropriate technology including calculators and computers to the solution of mathematical problems;
- demonstrate computational, estimation, and problem-solving skills; construct mathematical models of physical problems, draw conclusions from these models, and communicate their conclusions;
- formulate and test mathematical conjectures;
- and adapt general mathematical techniques to course-specific problems.

Students must complete the following requirements:
- 60 semester or 90 quarter CSU-transferable units
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

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<tr>
<th>Course ID</th>
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<th>Units</th>
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<tbody>
<tr>
<td>MATH 003A</td>
<td>Calculus and Analytic Geometry</td>
<td>5</td>
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<tr>
<td>MATH 004A</td>
<td>Intermediate Calculus</td>
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</tr>
<tr>
<td>MATH 004B</td>
<td>Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>MATH 004C</td>
<td>Linear Algebra</td>
<td>4</td>
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<tr>
<td>MATH 019</td>
<td>Discrete Mathematics</td>
<td>4</td>
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<tr>
<td>PHYS 004A</td>
<td>Engineering Physics-Mechanics</td>
<td>5</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics</td>
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<tr>
<td>OR MATH 010H</td>
<td>Honors Elementary Statistics</td>
<td>4</td>
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</table>

Total Major Units 23-24

GE Units (CSU GE or IGETC) 39 or 37

Total Degree Units 60

For crosswalk of new subject codes, see page 61

Relevant to students planning to transfer to a CSU institution in pursuit of a baccalaureate degree in mathematics, the student develops both the ability to think logically and abstractly as well as the problem-solving and computational skills necessary for success in any field of study. A major in mathematics transfers to a four-year university where students have the opportunity to complete a Bachelor’s Degree in Biology, Chemistry, Computer Science, Economics, Engineering Mathematics, Physics, disciplines in Physical Sciences, and Statistics.

Career Options
- Actuary
- Appraiser
- Assessor
- Auditor
- Biometrician
- Budget Analyst
- Casualty Rater
- Computer Programmer
- Controller
- Demographer
- Doctor
- Econometrician
- Engineering Analyst
- Epidemiologist
- Financial Analyst
- Investment Analyst
- Lawyer
- Management Scientist
- Mathematician
- Operations Researcher
- Public Opinion Analyst
- Statistician
- Surveyor
- Systems Analyst
- Teacher
- Urban Planner

After completing this degree in Mathematics, a student will be able to:
- Solve problems using mathematical symbols, operations, and techniques appropriate to the course content and level of study.
- Apply appropriate technology including calculators and computers to the solution of mathematical problems.
- Demonstrate computational, estimation, and problem-solving skills.
- Construct mathematical models of physical problems, draw conclusions from these models, and communicate their conclusions.
- Formulate and test mathematical conjectures.
- Adapt general mathematical techniques to course-specific problems.
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<td>Discrete Mathematics</td>
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**Required Electives:** Select two courses from the list below (6 - 10 units)

| BIOL 040  | Organismal Biology                         | 4     |
| BIOL 041  | Principles of Animal Biology               | 5     |
| BIOL 042  | Principles of Plant Biology                | 5     |
| BIOL 043  | Principles of Cell Biology                 | 5     |
| CHEM 001A | General Chemistry                          | 5     |
| CHEM 001B | General Chemistry                          | 5     |
| CHEM 012A | Organic Chemistry                          | 5     |
| CHEM 012B | Organic Chemistry                          | 5     |
| CIST 004A | Computer Programming I (C++ Programming)   | 4     |
| CIST 004A1| Computer Programming I (Java)              | 4     |
| CIST 004B | Computer Programming II (C++ Language)     | 4     |
| CIST 004B1| Computer Programming II (Java)             | 4     |
| CIST 037  | C Programming                              | 4     |
| ECON 001A | Principles of Macroeconomics               | 3     |
| AND ECON 002A | Principles of Macroeconomics Lab         | 1     |
| ECON 001AH | Honors Principles of Macroeconomics        | 3     |
| AND ECON 002AH | Honors Principles of Macroeconomics Lab     | 1     |
| ECON 001B | Principles of Microeconomics               | 3     |
| AND ECON 002B | Principles of Microeconomics Lab          | 1     |
| ECON 001BH | Honors Principles of Microeconomics        | 3     |
| AND ECON 002BH | Honors Principles of Microeconomics Lab     | 1     |
| ENGR 021  | Intro Computing for Scientists and Engineers| 3     |
| GEOL 001A | Physical Geology                           | 4     |
| OR GEOL 001AH | Honors Physical Geology               | 4     |
| GEOL 001B | Historical Geology                         | 4     |
| MATH 004C | Linear Algebra                             | 4     |
| MATH 010  | Elementary Statistics                      | 4     |
| OR MATH 010H | Honors Elementary Statistics             | 4     |
| MATH 019  | Discrete Mathematics                       | 4     |
| PHYS 002A | General Physics - Mechanics                | 5     |
| PHYS 002B | General Physics - Electricity and Magnetism| 5     |

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<td>PHYS 004C</td>
<td>Engineering Physics-Light, Heat and Waves</td>
</tr>
<tr>
<td>PHYS 004D</td>
<td>Advanced Topics in Modern Physics</td>
</tr>
</tbody>
</table>

**Total Major Units** 29-33

To be awarded an A.S. degree, a student must complete:

1. Core major requirements and required electives (29-33 units).
2. Additional units to meet the college graduation requirements.
   For crosswalk of new subject codes, see page 61

**Recommended Course Sequence:**

**Fall, Year 1 (5 Units):**
- MATH 003A

**Spring, Year 1 - Sample Courses Shown (10 Units):**
- MATH 003B, PHYS 004A

**Fall, Year 2 - Sample Courses Shown (10 Units):**
- MATH 004A, PHYS 004B

**Spring, Year 2 - Sample Courses Shown (8 Units):**
- MATH 004B, MATH 004C or MATH 019

**MATH TMP1 TRANSFER MATHEMATICS PREPARATION 1 - PREPARATION FOR TRANSFER LEVEL**

0.5 units
- Lecture 0 units; lab 0.5 units
- This course serves as a preparation for students entering Math 000D, 001, 002, 006, 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/No Pass Only

**MATH TMP2 TRANSFER MATHEMATICS PREPARATION 2 - PREPARATION FOR FIRST SEMESTER CALCULUS**

0.5 units
- Lecture 0 units; lab 0.5 units
- This course serves as a preparation for students entering Math 003A, Calculus I and Analytic Geometry. In this course, students have the opportunity to develop mathematical skills necessary in succeeding in a first-semester calculus course through classroom instruction and/or by using a web-based mathematics learning system. Pass/No Pass Only

**MATH 000D TRIGONOMETRY**

3 units
- Lecture 3 units; lab 0 units
- Prerequisite: MATH 104 or MATH 104R and MATH 106 or MATH 106R
- Acceptable for credit: California State University
- C-ID MATH 851
- This course covers the study of trigonometric functions. Topics include graphs, inverses, identities and proofs related to trigonometric expressions, trigonometric equations, solving right and oblique triangles, and the introduction to vectors.

**MATH 000G MATHEMATICS FOR THE LIBERAL ARTS STUDENT**

4 units
- Lecture 4 units; lab 0 units
- Prerequisite: MATH 106 or MATH 106R
- Acceptable for credit: University of California, California State University
- 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.
MATH 001 PRE-CALCULUS ALGEBRA
4 units
Lecture 4 units; lab 0 units
Prerequisite: MATH 106 or MATH 106R
Acceptable for credit: University of California, California State University
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.

MATH 001C JUST-IN-TIME SUPPORT FOR PRE-CALCULUS ALGEBRA
1.5 units
Lecture 1.5 units; lab 0 units
Co-Requisite: MATH 001
This course is intended for students who desire additional support in Math 1, Pre-Calculus Algebra. The course provides students with “just in time” support of algebra topics needed to be successful in Pre-Calculus algebra. It is only for students who are concurrently enrolled in Pre-Calculus Algebra, Math 1, at West Valley College. Topics include operations of real numbers, algebraic properties, manipulation of algebraic expressions, solving algebraic equations, inequalities, graphs of equations in two variables, functions and their properties, and problem solving strategies. Recommended for students with little or no recent knowledge in algebra. Pass/No Pass Only

MATH 002 PRE-CALCULUS ALGEBRA AND TRIGONOMETRY
6 units
Lecture 6 units; lab 0 units
Prerequisite: MATH 106 or MATH 106R and MATH 104 or MATH 104R
Acceptable for credit: University of California, California State University
C-ID MATH 955
This is an intensive course whose topics are traditionally found in the separate courses of pre-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.

MATH 003A CALCULUS AND ANALYTICAL GEOMETRY
5 units
Lecture 5 units; lab 0 units
Prerequisite: MATH 001 and MATH 000D or MATH 002
Acceptable for credit: University of California, California State University
C-ID MATH 210
This is a first course in differential and integral calculus of a single variable: functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. It is designed primarily for Science, Technology, Engineering & Math Majors.
MATH 003AH HONORS CALCULUS AND ANALYTICAL GEOMETRY
5 units
Lecture 5 units; lab 0 units
Prerequisite: MATH 001 AND MATH 000D or MATH 002
Acceptable for credit: California State University
Honors Calculus and Analytic Geometry uses the pedagogical methods common to all honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. This is a first course in differential and integral calculus of a single variable: topics include functions, limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. It is designed primarily for Science, Technology, Engineering & Math Majors. Honors work emphasizes a deeper study of differential calculus via the study of proofs using analytic techniques, real-world problems, and special applied projects.

MATH 003B CALCULUS AND ANALYTICAL GEOMETRY
5 units
Lecture 5 units; lab 0 units
Prerequisite: MATH 003A
Acceptable for credit: University of California, California State University
C-ID MATH 220
This is a second course in differential and integral calculus of a single variable: integration, techniques of integration, infinite sequences and series, polar and parametric equations, and applications of integration. This course is primarily for science, technology, engineering & math majors.

MATH 003BH HONORS CALCULUS AND ANALYTICAL GEOMETRY
5 units
Lecture 5 units; lab 0 units
Prerequisite: MATH 003A or MATH 003AH
Acceptable for credit: California State University
Honors Calculus and Analytic Geometry uses the pedagogical methods common to all honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. This is a second course in differential and integral calculus of a single variable: topics include integration, techniques of integration, infinite sequences and series, polar and parametric equations, and applications of integration. This course is primarily for science, technology, engineering & math majors. Honors work emphasizes a deeper study of integral calculus via the study of proofs using analytic techniques, real-world problems, and special applied projects.

MATH 004A INTERMEDIATE CALCULUS
5 units
Lecture 5 units; lab 0 units
Prerequisite: MATH 003B
Acceptable for credit: University of California, California State University
C-ID MATH 230
This course covers vector-valued functions, calculus of functions of more than one variable, partial derivatives, differentials, gradients, Lagrange Multipliers, multiple integration, line integrals, surface integrals, Green’s Theorem, Stokes’ Theorem, and the Divergence Theorem.

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

• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
MATH 004B DIFFERENTIAL EQUATIONS
4 units
Lecture 4 units; lab 0 units
Prerequisite: MATH 003B
Advisory: MATH 004A and MATH 004C
Acceptable for credit: University of California, California State University
C-ID MATH 240
This course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. It introduces the theoretical aspects of differential equations, including establishing when solution(s) exist, and techniques for obtaining solutions, including, series solutions, singular points, Laplace transforms and linear systems.

MATH 004C LINEAR ALGEBRA
4 units
Lecture 4 units; lab 0 units
Prerequisite: MATH 002B
Advisory: MATH 004A
Acceptable for credit: University of California, California State University
C-ID MATH 250
This course develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. It investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, and linear transformations. Selected applications of linear algebra are included.

MATH 008 FINITE MATHEMATICS
3 units
Lecture 3 units; lab 0 units
Prerequisite: MATH 106 or MATH 106R
Acceptable for credit: University of California, California State University
C-ID MATH 130
This course covers linear functions, systems of linear equations and inequalities, matrices, linear programming, mathematics of finance, sets and Venn diagrams, combinatorial techniques and an introduction to probability as well as applications from business, economics and social sciences.

MATH 010 ELEMENTARY STATISTICS
4 units
Lecture 4 units; lab 0 units
Prerequisite: MATH 105 or MATH 106 or MATH 106R
Acceptable for credit: University of California, California State University
C-ID MATH 110
This course covers the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications discussed use data from disciplines including business, social sciences, psychology, life science, health science, and education.

MATH 010C JUST-IN-TIME SUPPORT FOR STATISTICS
1.5 units
Lecture 1.5 units; lab 0 units
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/No Pass Only

MATH 010H HONORS ELEMENTARY STATISTICS
4 units
Lecture 4 units; lab 0 units
Prerequisite: MATH 105 or MATH 106 or MATH 106R
Acceptable for credit: University of California, California State University
C-ID MATH 110
Honors Elementary Statistics uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. This course covers the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications discussed use data from disciplines including business, social sciences, psychology, life science, health science, and education.

MATH 012 APPLIED CALCULUS
4 units
Lecture 4 units; lab 0 units
Prerequisite: MATH 106 or MATH 106R
Acceptable for credit: University of California, California State University
C-ID MATH 140
This course presents a study of the techniques of calculus with emphasis placed on the application of these concepts to business and management related problems as well as applications for social and life science majors. The applications of derivatives and integrals of functions including polynomial, rational, exponential and logarithmic functions are studied. This course is not equivalent to Math 3A.

MATH 012C JUST-IN-TIME SUPPORT FOR APPLIED CALCULUS
1.5 units
Lecture 1.5 units; lab 0 units
Prerequisite: 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/No Pass Only

MATH 014 MATH FOR ELEMENTARY SCHOOL TEACHERS (NUMBER SYSTEMS)
3 units
Lecture 3 units; lab 0 units
Prerequisite: MATH 106 or MATH 106R
Acceptable for credit: University of California, California State University
C-ID MATH 120
This course covers the real number system, numeration system, elementary number theory, and problem solving. Technology and hands-on experiences are integrated throughout this course. It is designed to fulfill the lower division mathematics requirement for students planning to enter a multiple subject teaching credential program.

MATH 019 DISCRETE MATHEMATICS
4 units
Lecture 4 units; lab 0 units
Prerequisite: MATH 001 or MATH 002
Advisory: MATH 003A
Acceptable for credit: University of California, California State University
C-ID MATH 160
This course covers fundamental topics for Computer Science, such as logic, proof techniques, sets, introduction to computer programming, basic counting rules, relations, functions and recursion, graphs and probability trees.
MATH 104 PLANE GEOMETRY
4 units
Lecture 4 units; lab 0 units
Prerequisite: MATH 903 or MATH 903R or LRSV 945
This course covers the basic concepts of plane geometry with an emphasis on deductive reasoning. The topics include lines, angles, polygons, circles, congruence, similarity, parallelism, perpendicularly, lengths, areas and volumes.

MATH 104R GEOMETRY REVIEW FOR TRIGONOMETRY
1 unit
Lecture 0 units; lab 1 unit
Prerequisite: MATH 903 or MATH 903R or LRSV 945
This course serves as a geometry preparation course for Math D or 2. In this course, students have the opportunity to review geometry topics needed to succeed in Trigonometry.

MATH 105 PRE-STATISTICS
5 units
Lecture 5 units; lab 0 units
Advisory: MATH 903 or MATH 903R or LRSV 945
This course presents introductory statistical concepts with an emphasis on data analysis and modeling. Topics include mathematical modeling using real-world data and graphs, as well as algebraic concepts as needed. This class is NOT intended for math, science, computer science, engineering, business, nursing, pre-physical therapy, kinesiology, or elementary school education majors. It is intended for students who will take Math 10 or Math 10H, Elementary Statistics, and who do NOT need any other math course for their major.

MATH 106 INTERMEDIATE ALGEBRA
5 units
Lecture 5 units; lab 0 units
Prerequisite: MATH 903 or MATH 903R or LRSV 945
This course expands on the topics and mathematical skills from elementary algebra. The characteristics and properties of linear, quadratic, rational, exponential, composite, inverse, and logarithmic functions are developed. Additional topics include systems of equations and inequalities, complex numbers, and conic sections.

MATH 106C JUST-IN-TIME SUPPORT FOR INTERMEDIATE ALGEBRA
2 units
Lecture 2 units; lab 0 units
Co-Requisite: 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/No Pass Only

MATH 106P PREPARATION FOR INTERMEDIATE ALGEBRA
0.5 units
Lecture 0 units; lab 0.5 units
This course serves as a preparation for Math 106. In this course, students have the opportunity to develop entry-level math and study skills needed to succeed in Intermediate Algebra through classroom instruction and by using a web-based algebra system. Pass/No Pass Only

MATH 106R INTERMEDIATE ALGEBRA – REVIEW
3 units
Lecture 3 units; lab 0 units
Prerequisite: MATH 903 or MATH 903R or LRSV 945
This accelerated course expands on the topics and mathematical skills from elementary algebra. The characteristics and properties of linear, quadratic, rational, radical, exponential, composite, inverse, and logarithmic functions are developed. Additional topics include systems of equations and inequalities, complex numbers, and conic sections. This course is designed for students who have had previous instruction in intermediate algebra.

MATH 901 ARITHMETIC FUNCTIONS
3 units
Lecture 3 units; lab 0 units
This course covers the mathematical operations of whole numbers, fractions, and decimals. Additional topics include rounding, the order of operations, ratios, proportions, percents, and practical applications. This course does not apply to the associate degree. Pass/No Pass Option

MATH 902P PRE-ALGEBRA
3 units
Lecture 3 units; lab 0 units
This course is designed for students who have a solid foundation in arithmetic skills, but who need to develop further skills before taking elementary algebra. Topics include operations with signed numbers, evaluating algebraic expressions, operations with polynomials, solving and graphing linear equations, and developing problem-solving skills with an emphasis on concrete representations for abstract algebraic concepts. This course does not apply to the associate degree. Pass/No Pass Option

MATH 903 ELEMENTARY ALGEBRA
5 units
Lecture 5 units; lab 0 units
Prerequisite: MATH 903 or MATH 903R or LRSV 945
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

MATH 903P PREPARATION FOR ELEMENTARY ALGEBRA
0.5 units
Lecture 0 units; lab .5 units
This course is a preparation for Math 903/903R. In this course, students have the opportunity to develop the appropriate entry-level math and study skills needed in Elementary Algebra by using a web-based computer algebra system. Pass/No Pass Only

MATH 903R ELEMENTARY ALGEBRA REVIEW
3 units
Lecture 3 units; lab 0 units
This course is an accelerated version of Math 903. The course covers the basic operations and properties of real numbers, exponential, polynomial, rational, and radical expressions. Other topics include first-degree equations and inequalities, systems of linear equations, graphing, and quadratic, rational and radical equations. This course should be taken by students who have previously completed elementary algebra, but who need a review before taking intermediate algebra. Pass/No Pass Option

Medical Assisting
(See Health Care Technologies)
Microbiology
(See Biology)
Music

THE FACULTY
Esther Archer-Lakhani
Troy Davis
Lou De La Rosa
Jeff Forehan
Robert Sinclair

DEAN  Andrew Chandler
DEPARTMENT CHAIR  Lou De La Rosa
PHONE  (408) 741-4663
EMAIL  loul.delarosa@westvalley.edu
COUNSELING  408-741-2009

Degrees:
A.A.-T, Music
A.A., Music

Certificates:
Commercial Music Production
Creating Music for Film, TV and Gaming

Music Department Mission Statement

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

Highlights

• All Steinway School
• Digital Music Center – 30-stations with 27” iMac, 88-key MIDI keyboards, Pro Tools & Logic Pro
• Recording Studio with Editing Suites & World Class Microphones
• Musical Theater Collaborative of Departments of Music & Dance and Theater Arts produces annual musical
• Performance opportunities in choral, and instrumental ensembles
• International Concert Tours in 2014, 2016, 2018 and 2022 planned
• Integrated learning opportunities in Fine Arts – Music, Art, Theater Arts, Film.
• Professional teaching faculty
• A variety of music courses available online
• Focused workshops with music professionals
• WVC Commercial Music students are working in the music industry throughout the West Coast

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

ASSOCIATE IN ARTS IN MUSIC FOR TRANSFER DEGREE (AA-T in Music)

The Associate in Arts in Music for Transfer degree (AA-T in Music) is a 60-unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Music. MUSC 042 or 048 or 049 are 1-unit courses that must be repeated 4 times to meet the CSU transfer requirement as appropriate to the student’s course of study. MUSC 039ABCDEFG is a genre-specific 1-unit course that must be repeated 4 times to meet the requirement as appropriate to the student’s course of study.

Students who complete the Associate in Arts in Music for Transfer degree (AA-T in Music) will be able to:

• demonstrate the ability to hear, identify and work conceptually with the elements of music, through sight-reading and musical analysis;
• perform standard solo and ensemble repertoire appropriate to their performance area at a collegiate level;
• create derivative or original music in extemporaneous and/or written form;
• demonstrate a working knowledge of music history and performance practices within their area of specialization.

Students must complete the following requirements:

• 60 semester or 90 quarter CSU-transferable units
• the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
• a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
• attainment of a minimum grade point average (GPA) of 2.0.
• earn a grade of C or better in all courses required for the major or area of emphasis.

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

NOTE: Majors will be required to pass a Piano Proficiency examination prior to graduation from their transfer institution, which may include sight reading a two-part grade 1 selection and playing two stylistically contrasting pieces from Bartok’s Mikrokosmos Book II, transposing a simple choral at sight, harmonizing a melody, improvising a melody from a given chord progression. Enrolling in MUSC 31A/B Intermediate Piano, using available elective units, is encouraged.

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC 003A</td>
<td>Music Theory Level 1</td>
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<td>MUSC 003B</td>
<td>Music Theory Level 2</td>
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<td>MUSC 004A</td>
<td>Music Theory Level 3</td>
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<tr>
<td>MUSC 020A</td>
<td>Musicianship Level 1</td>
<td>1</td>
</tr>
<tr>
<td>MUSC 020B</td>
<td>Musicianship Level 2</td>
<td>1</td>
</tr>
<tr>
<td>MUSC 042</td>
<td>Concert Choir</td>
<td>1</td>
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<tr>
<td>MUSC 048</td>
<td>Symphony Orchestra</td>
<td>1</td>
</tr>
<tr>
<td>MUSC 049</td>
<td>Symphonic Band</td>
<td>1</td>
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<tr>
<td>MUSC 039A</td>
<td>Applied Music: Brass</td>
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<tr>
<td>MUSC 039B</td>
<td>Applied Music: Woodwind</td>
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<tr>
<td>MUSC 039C</td>
<td>Applied Music: Strings</td>
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<td>MUSC 039D</td>
<td>Applied Music: Percussion</td>
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<tr>
<td>MUSC 039E</td>
<td>Applied Music: Piano</td>
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<tr>
<td>MUSC 039F</td>
<td>Applied Music: Guitar</td>
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</tr>
<tr>
<td>MUSC 039G</td>
<td>Applied Music: Voice</td>
<td>1</td>
</tr>
</tbody>
</table>

Music List A Requirement: Take 3-4 units from the following list.

• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
MUSIC
A.A. Degree

The Department of Music and Dance offers a comprehensive program designed to provide a wide variety of musical experience for the student seeking to transfer to a baccalaureate program in performance or music education, for a career as a musician or music teacher. The goal of the Associate of Arts in Music is to prepare students to transfer to a School of Music or conservatory to pursue a BA or BM in Music. Courses required in Associate of Arts in Music lay a foundation for success in upper division music coursework. Students who complete the Associate of Arts in Music will be able to:

- Demonstrate proficiency on voice or instrument in final jury, incorporating accurate performance practice based on historical eras and diverse musical styles;
- Perform standard solo and ensemble repertoire appropriate to the performance area;
- Demonstrate the ability to hear, identify and work conceptually with the elements of music, through sight-reading and musical analysis in placement exams;
- Critique musical performances with an awareness of vocabulary, musical style, performance practice, and interpretation suitable for transfer to a school of music;
- Create derivative or original music in extemporaneous and/or written form;
- Develop and demonstrate informed artistic choices in performance.

Careers in music include:

- Music Teacher (Vocal, Instrumental, General Music)
- Community School
- Parks & Rec Program
- Public/Private K-12 School
- College or University
- Private Music Teacher
- Band, Orchestral, Choral Music Director
- K-12 school ensemble director
- College, Conservatory & University ensemble director
- Community ensemble director
- Church or Synagogue Music Director
- Cantor (Church, Synagogue)
- Church Organist
- Conductor (Vocal or Instrumental)
- Educational Settings (K-12, College, University)
- Church & Community Settings
- Community Choirs
- Music Director (Musical Theater)
- K-12 school musical theater director
- College, Conservatory & University musical theater director
- Community musical theater director
- Collaborative Pianist (Accompanist)
- Composer or Arranger
- Film, TV, Gaming, Commercial jingles
- Songwriter
- Lyricist
- Symphony Orchestra musician
- Ballet: orchestra musician, conductor
- Concertmaster (Orchestra)
- Section Leader (Orchestra)
- Section Member (Orchestra)
- Orchestra Manager
- Musical Theater Singer
- Broadway, Off-Broadway, Touring Shows
- National, Regional, Local
- Concerts and Recitals: performer, producer
- Floor Shows (Hotels, casinos, clubs)
- Band Member (Vocalist)
- Opera Singer
- Productions, Concerts and Recitals
- National, Regional, Local
- Music Librarian
- Music Therapist
- Sound Designer
- Sound Technician
- Recording Artist
- Studio Musician
- Music Publisher
- Music Copyist
- Music Licensing Consultant
- Music Producer
- Radio Music Director
- Music Store Manager
- Music Instrument Sales Representative
- Music Instrument Repair and Restoration Specialist
- Music Instrument Builder/Designer
- Piano Tuner/Technician

Music majors should meet with a full-time faculty member for advising and planning for timely completion of the AA degree in Music.

NOTES:
1. Music majors with prior piano experience may meet the Piano Proficiency requirement (MUSC 031A/B) via credit by examination. Music majors with no prior piano experience should enroll in Beginning Piano (MUSC 030A/B) using elective units, to remediate prior to enrolling in Intermediate Piano (MUSC 31A/B).
2. Music majors deficient in knowledge of scales, key signatures, intervals and chords are advised to take Fundamentals of Music (MUSC 005) to remediate prior to enrolling in Theory Level 1 (MUSC 003A).
3. Audition is required for admission to large ensembles (MUSC 42, 48, 49), and the Applied Music program (MUSC 039A-G). Admission is based on the skill level and likelihood the student will be able to meet transfer audition requirements two years hence. 4. This is a high-unit program due to multiple, sequential subject matter courses beginning in the first semester in accordance with NASM standards. It will require the student to take classes during Winter and/or Summer intersessions in order to complete the program including all transfer GE requirements in two years.

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

Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MUSC 001</td>
<td>Music History: Medieval, Renaissance and Baroque Periods</td>
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</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUSC 002</td>
<td>Music History: Classical, Romantic and Contemporary Periods</td>
<td>3</td>
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<tr>
<td>OR</td>
<td></td>
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</tr>
<tr>
<td>MUSC 004B</td>
<td>Music Theory Level 4</td>
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<td>OR</td>
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<td>MUSC 030A</td>
<td>Beginning Piano, Level 1</td>
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<tr>
<td>OR</td>
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</tr>
<tr>
<td>MUSC 030B</td>
<td>Beginning Piano, Level 2</td>
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<tr>
<td>OR</td>
<td></td>
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</tr>
<tr>
<td>MUSC 031A</td>
<td>Intermediate Piano Level 3</td>
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</tbody>
</table>

Total Major Units: 23-24

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

Total Degree Units: 60

For crosswalk of new subject codes, see page 61

Recommended Course Sequence: example courses listed

Fall, Year 1 (6 units):
MUSC 003A, MUSC 020A, MUSC 039G, MUSC 042

Spring, Year 1 (6 units):
MUSC 003B, MUSC 020B, MUSC 039G, MUSC 042

Fall, Year 2 (6 units):
MUSC 004A, MUSC 039G, MUSC 042

Spring, Year 2 (5-6 units):
MUSC 039G, MUSC 042, List A Requirement
<table>
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<tr>
<td>MUSC 001</td>
<td>Music History: Medieval, Renaissance and Baroque Periods</td>
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<tr>
<td>MUSC 003A</td>
<td>Music Theory Level 1</td>
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<tr>
<td>MUSC 003B</td>
<td>Music Theory Level 2</td>
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<td>MUSC 004B</td>
<td>Music Theory Level 4</td>
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<tr>
<td>MUSC 020A</td>
<td>Musicanship Level 1</td>
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<td>MUSC 020B</td>
<td>Musicanship Level 2</td>
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<td>MUSC 031A</td>
<td>Intermediate Piano Level 3</td>
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<td>MUSC 031B</td>
<td>Intermediate Piano Level 4</td>
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<tr>
<td>MUSC 066</td>
<td>Digital Audio and Notation</td>
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<tr>
<td>MUSC 002</td>
<td>Music History: Classical, Romantic and Contemporary Periods</td>
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<tr>
<td>MUSC 005</td>
<td>Fundamentals of Music</td>
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<tr>
<td>MUSC 006</td>
<td>Introduction to Music Education</td>
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<tr>
<td>MUSC 007</td>
<td>Film Music Appreciation</td>
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<tr>
<td>MUSC 009</td>
<td>Jazz Music History</td>
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<tr>
<td>MUSC 026</td>
<td>Techniques of Jazz-Rock Guitar</td>
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<td>MUSC 027</td>
<td>Introduction to Jazz Piano</td>
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<tr>
<td>MUSC 030A</td>
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<td>MUSC 030B</td>
<td>Beginning Piano, Level 2</td>
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</tr>
<tr>
<td>MUSC 032A</td>
<td>Beginning Voice, Level 1</td>
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<tr>
<td>MUSC 032B</td>
<td>Beginning Voice, Level 2</td>
<td>1</td>
</tr>
<tr>
<td>MUSC 033A</td>
<td>Intermediate Voice, Level 3</td>
<td>1</td>
</tr>
<tr>
<td>MUSC 033B</td>
<td>Intermediate Voice, Level 4</td>
<td>1</td>
</tr>
</tbody>
</table>

### Core Requirements: Theory, Musicianship, History, Piano, Digital Notation
- Credit by examination available for MUSC 031A and/or MUSC 031B to those students possessing prior piano experience. 22 units

### Core Requirements: Applied Music
- Complete four semesters of the appropriate course based on major instrument of study.
- Changing instrument and/or course will delay completion of this requirement. 4 units

### Electives: Complete seven units from the following courses 7 units

### Core Requirements: Large Ensemble
- Complete four semesters of the same course appropriate to major instrument of study, as determined by music faculty. 4 units

### Core Requirements: Theory, Musicianship, History, Piano, Digital Notation
- Credit by examination available for MUSC 031A and/or MUSC 031B to those students possessing prior piano experience. 22 units

### Core Requirements: Applied Music
- Complete four semesters of the appropriate course based on major instrument of study.
- Changing instrument and/or course will delay completion of this requirement. 4 units

### Electives: Complete seven units from the following courses 7 units

### Total Major Units
37

### Total Degree Units:
68-70

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

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- ADVISORY is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
For crosswalk of new subject codes, see page 61

**COMMERCIAL MUSIC PRODUCTION**

Certificate of Achievement

The Commercial Music Production Certificate at West Valley College focuses on the recording arts, music technology, and commercial music production. This is a comprehensive curriculum covering electronic music/sound design, recording arts, songwriting, MIDI/Digital audio, and audio for visual media. Featuring state-of-art facilities and "cutting-edge" hardware and software, the courses are designed for students of all levels, providing hands-on experience and thorough training in the creative and technical challenges specific to commercial music production. Upon successful completion of the requirements of this program the student will be able to demonstrate the knowledge and skills necessary to arrange, record, compose, evaluate, and produce in a commercial music format and style. Potential careers specific to these skills include but are not limited to: Recording Engineer Assistant Engineer Pro Tools Certified Programmer/Technician Logic PRO Certified Programmer/Technician Composer Performer Producer Game Audio/Film and TV Sound Design and Repair DJ Music Director.

After completing the Commercial Music Production Certificate, a student will be able to:

- Demonstrate digital audio workstation skills specific to multi-track recording, mixing, sound design, sequencing, and composition.
- Design and Repair DJ Music Director.
- Copyist
- Music licensor

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>MUSC 063A</td>
<td>Introduction To Music Technology</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 063B</td>
<td>Advanced Music Production and Multi-track Techniques</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 064</td>
<td>Sound Design</td>
<td>3</td>
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<tr>
<td>MUSC 065A</td>
<td>Recording Arts I</td>
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<tr>
<td>MUSC 065B</td>
<td>Recording Arts II</td>
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<tr>
<td>MUSC 069</td>
<td>Commercial Music Theory/Songwriting I</td>
<td>3</td>
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</tbody>
</table>

**Creating Music for Film, TV, and Gaming Certificate of Achievement**

The Creating Music for Film, TV, and Gaming Certificate of Achievement requires the successful completion of 2 semesters, 18 units. This program provides Career Technical Education (CTE) opportunities in creating music for film, TV and gaming. This curriculum covers areas in, but not limited to, electronic and acoustic music production, songwriting and arranging, cinematic orchestration, music theory, software music notation, MIDI sequencing, and digital audio sequencing and editing. Featuring state-of the art facilities, industry-standard hardware and software, the courses are designed for students of all levels, providing hands-on experience and thorough training in the creative and technical challenges specific to music for film, TV, and gaming.

Upon completion, students will be able to:

- Compose a music cue for film, TV or gaming in a selected genre.
- Students will have acquired skills in media music production, media songwriting, cinematic orchestration, digital audio sequencing and editing, MIDI programming, and digital music notation.

These skills are specific to careers in, but not limited to:

- Media songwriter
- TV composer
- Commercial composer
- Film composer
- Video game composer
- App composer
- Web composer
- Music editor
- Music supervisor
- Digital audio workstation operator
- Copyist
- Music licensor

<table>
<thead>
<tr>
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<th>Title</th>
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<tbody>
<tr>
<td>MUSC 005</td>
<td>Fundamentals of Music</td>
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<td>MUSC 007</td>
<td>Film Music Appreciation</td>
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<tr>
<td>MUSC 030A</td>
<td>Beginning Piano, Level 1</td>
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<tr>
<td>MUSC 039H</td>
<td>Applied Music: Composition</td>
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<tr>
<td>MUSC 063A</td>
<td>Introduction To Music Production</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 066</td>
<td>Digital Audio and Notation</td>
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<tr>
<td>MUSC 067A</td>
<td>Creating Music for Film, TV, and Gaming: Foundations</td>
<td>3</td>
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<tr>
<td>MUSC 067B</td>
<td>Creating Music for Film, TV, and Gaming: Techniques</td>
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</table>

**Total Certificate Units** 18

For crosswalk of new subject codes, see page 61

**Recommended Course Sequence:**

**Fall, Year 1 (10 Units):**

- MUSC 004A
- MUSC 031A
- Applied Music (Any Course)
- Large Ensemble (Any Course)
- MUSC 001

**Spring, Year 1 (8 Units):**

- MUSC 003A
- MUSC 020A
- Applied Music (Any Course)
- Large Ensemble (Any Course)

**Fall, Year 2 (10 Units):**

- MUSC 004B
- MUSC 031B
- Applied Music (Any Course)
- Large Ensemble (Any Course)
- MUSC 001

**Spring, Year 2 (9 Units):**

- MUSC 003B
- MUSC 020B
- Applied Music (Any Course)
- Large Ensemble (Any Course)

**Fall, Year 3 (7 Units):**

- MUSC 001
- MUSC 003B, MUSC 031B
- Applied Music (Any Course)
- Large Ensemble (Any Course)

**Spring, Year 3 (10 Units):**

- MUSC 003A, MUSC 020A
- Applied Music (Any Course)
- Large Ensemble (Any Course)

**Fall, Year 4 (10 Units):**

- MUSC 004B
- MUSC 031B
- Applied Music (Any Course)
- Large Ensemble (Any Course)

**Spring, Year 4 (8 Units):**

- MUSC 003B
- MUSC 020B
- Applied Music (Any Course)
- Large Ensemble (Any Course)

**Fall, Year 5 (7 Units):**

- MUSC 001
- MUSC 003B, MUSC 031B
- Applied Music (Any Course)
- Large Ensemble (Any Course)

**Spring, Year 5 (10 Units):**

- MUSC 003A, MUSC 020A
- Applied Music (Any Course)
- Large Ensemble (Any Course)

**Fall, Year 6 (10 Units):**

- MUSC 004B
- MUSC 031B
- Applied Music (Any Course)
- Large Ensemble (Any Course)

**Spring, Year 6 (9 Units):**

- MUSC 003B
- MUSC 020B
- Applied Music (Any Course)
- Large Ensemble (Any Course)
MUSC 001 MUSIC HISTORY: MEDIEVAL, RENAISSANCE AND BAROQUE PERIODS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID MUS 105
This course is a survey of music history and literature from antiquity to 1750, 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

MUSC 002 MUSIC HISTORY: CLASSICAL, ROMANTIC AND CONTEMPORARY PERIODS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID MUS 106
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

MUSC 003A MUSIC THEORY LEVEL 1
3 units
Lecture 3 units; lab 0 unit
Advisory: MUSC 005: Fundamentals of Music. Music majors are required to take MUSC 020A concurrent with this course. Non-majors are encouraged but not required to take MUSC 020A concurrent with this course.
Concurrent enrollment in MUSC 30A/B Beginning Piano or 31A/B Intermediate Piano is strongly encouraged for all students.
Acceptable for credit: University of California, California State University
C-ID MUS 120
This course incorporates and develops the following concepts, through guided composition and analysis: rhythm and meter; basic properties of sound; intervals; diatonic scales and chords; diatonic chord function; basic cadential formulas and phrase structure; dominant sevenths; figured bass symbols; and non-harmonic tones. Development of skills in handwritten notation is expected. Pass/No Pass Option

MUSC 003B MUSIC THEORY LEVEL 2
3 units
Lecture 3 units; lab 0 units
Advisory: MUSC 003A. Music majors are required to take MUSC 020B concurrent with this course. Non-majors are encouraged but not required to take MUSC 020B concurrent with this course.
Acceptable for credit: University of California, California State University
C-ID MUS 130, C-ID MUS 135
This course continues the concepts presented in MUSC 3A Music Theory Level I. Through guided composition and analysis, the course includes: an introduction to two-part counterpoint; voice leading involving four-part chorale writing; diatonic harmony; and an introduction to secondary/applied chords and modulation. Music majors are required to take MUSC 020B concurrent with this course. Non-majors are encouraged but not required to take MUSC 020B concurrent with this course. Concurrent enrollment in MUSC 30A/B Beginning Piano is strongly encouraged for all students. Pass/No Pass Option

MUSC 004A MUSIC THEORY LEVEL 3
3 units
Lecture 3 units; lab 0 units
Prerequisite: MUSC 003B
Acceptable for credit: University of California, California State University
C-ID MUS 140, C-ID MUS 145
This course builds upon the concepts from Music Theory Level 2, incorporating the study of advanced harmonic, rhythmic, and melodic materials, with emphasis on chromatic harmony, survey and analysis of musical styles, and period techniques. Through four-part writing and analysis of diatonic and chromatic chords, the course includes an introduction to chromatic harmony; secondary/applied chords; modulation; borrowed chords; chromatic pre-dominants; chromatic embellishing chords; as well as chromatic third relationships. Music majors are required to take MUSC 020C concurrent with this course. Non-majors are encouraged but not required to take MUSC 020C concurrent with this course. Concurrent enrollment in MUSC 31A/B Beginning Piano is strongly encouraged for all students. Pass/No Pass Option

MUSC 004B MUSIC THEORY LEVEL 4
3 units
Lecture 3 units; lab 0 units
Prerequisite: MUSC 004A
Acceptable for credit: University of California, California State University
C-ID MUS 150, C-ID MUS 155
This course incorporates the concepts from Music Theory Level 3. Through writing and analysis, the course will include post-Romantic techniques such as non-functional harmony; 9th, 11th, and 13th chords; quartal and quintal structures; and planning. It also presents 20th century techniques such as secundal and cluster structures, modality, bi-modality, tone rows, serialism, set theory, pandiatonicism, and polytonalism. Advanced rhythmic applications will also be incorporated. Music majors are required to take MUSC 020D concurrent with this course. Non-majors are encouraged but not required to take MUSC 020D concurrent with this course. Concurrent enrollment in MUSC 031A/B Intermediate Piano is strongly encouraged for all students. Pass/No Pass Option

MUSC 005 FUNDAMENTALS OF MUSIC
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is designed for the student who 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

MUSC 006 INTRODUCTION TO MUSIC EDUCATION
2 units
Lecture 1.5 units; lab 0.5 units
Acceptable for credit: California State University
This course covers the basics of teaching music in the public schools. The topics covered include logistical methods, classroom control and lesson planning. Students will have the opportunity to develop and deliver lessons in practice teaching situations. Pass/No Pass Option

MUSC 007 FILM MUSIC APPRECIATION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course explores film music appreciation. The evolution of film music is traced from early film to present day movies. The course surveys how music is used to support animation and trailers. Notable film composers and their relationships with film directors are covered. Pass/No Pass Option
MUSC 009 JAZZ MUSIC HISTORY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course covers the origination and evolution of jazz music in the U.S. It includes the stylistic developments and differences, focusing on major composers and performers throughout its history. Pass/No Pass Option

MUSC 010 MUSIC APPRECIATION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University C-ID MUS 100
This is an introductory course for students without previous training in music. Students have the opportunity to develop an enjoyment and appreciation through active and guided listening to such musical forms as symphony, opera, tone poems, ballet, and concertos from early times to the present. This course is suitable for both music majors and non-majors.

MUSC 020A MUSICIANSHIP LEVEL 1
1 unit
Lecture 0 units; lab 1 unit
Advisory: MUSC 005
Acceptable for credit: University of California, California State University C-ID MUS 125
Required for music majors, this course is a laboratory in ear training and sight-singing and must be taken concurrently with MUSC 003A. This class provides a systematic training in the ability to hear music elements of melody, harmony and rhythm, and to perform melodic, harmonic and rhythmic elements, dictation and analysis. Pass/No Pass Option

MUSC 020B MUSICIANSHIP LEVEL 2
1 unit
Lecture 0.5 units; lab 0.5 units
Advisory: MUSC 020A
Acceptable for credit: University of California, California State University C-ID MUS 135
Highly recommended for music majors, this course focuses on ear training and sight-singing correlated with MUSC 003B. This class provides supplementary systematic training in the ability to hear music elements of melody, harmony and rhythm, and to perform melodic, harmonic and rhythmic elements. Pass/No Pass Option

MUSC 020C MUSICIANSHIP LEVEL 3
1 unit
Lecture 0 units; lab 1 units
Prerequisite: MUSC 020B
Acceptable for credit: California State University
Required for music majors, this course is a laboratory in ear training, dictation and sight-singing correlated with MUSC 004A. This class provides systematic training in the ability to hear, analyze, and perform music elements of melody, harmony, and rhythm. Music majors are required to take MUSC 004A concurrent with this course. Non-majors are encouraged but not required to take MUSC 004A concurrent with this course. Concurrent enrollment in MUSC 031A/B Intermediate Piano is strongly encouraged for all students. Pass/No Pass Option

MUSC 020D MUSICIANSHIP LEVEL 4
1 unit
Lecture 0 units; lab 1 unit
Prerequisite: MUSC 020C
Acceptable for credit: California State University
For music majors, this course focuses on ear training and sight-singing correlated with MUSC 004B, Music Theory Level 4. This class provides systematic training in the ability to hear, identify, and perform music elements of melody, harmony, and rhythm. Pass/No Pass Option

MUSC 026 TECHNIQUES OF JAZZ-ROCK GUITAR
2 units
Lecture 2 units; lab 0 units
Advisory: Prior experience playing the Guitar is strongly suggested.
Acceptable for credit: University of California, California State University
This course is a study of basic harmonies and voicings at the keyboard as applied to jazz and “popular music”. Included is in-depth analysis of chord progressions, substitutions, “comping” techniques and solo improvisational playing. Previous piano experience is strongly suggested.

MUSC 027 INTRODUCTION TO JAZZ PIANO
2 units
Lecture 2 units; lab 0 units
Advisory: Previous piano experience is strongly suggested.
Acceptable for credit: University of California, California State University
This course is intended for basic harmonies and voicings at the keyboard as applied to jazz and “popular music”. Included is in-depth analysis of chord progressions, substitutions, “comping” techniques and solo improvisational playing. Previous piano experience is strongly suggested.

MUSC 030A BEGINNING PIANO, LEVEL 1
1 unit
Lecture 0.5 unit; lab 0.5 units
Acceptable for credit: University of California, California State University C-ID MUS 170
This course is a beginning keyboard study for students with no previous study in keyboard. Study includes note reading, basic technique, major and minor five finger patterns, major scales, sight reading, and basic chord progressions, as they are encountered in beginning piano music. Pass/No Pass Option

MUSC 030B BEGINNING PIANO, LEVEL 2
1 unit
Lecture 0.5 unit; lab 0.5 units
Prerequisite: MUSC 030A
Acceptable for credit: University of California, California State University C-ID MUS 172
This is the second course in the beginning piano series. In this course students have the opportunity refine and further develop beginning keyboard skills, focusing on piano technique, major scales and arpeggios, sight-reading, chord progressions, and harmonization and transposition skills as encountered in beginning to intermediate piano music, equivalent to the second half of Bartok’s Mikrokosmos Book 1. Pass/No Pass Option

MUSC 031A INTERMEDIATE PIANO, LEVEL 3
1 unit
Lecture 0.5 unit; lab 0.5 units
Prerequisite: MUSC 030B
Acceptable for credit: University of California, California State University C-ID MUS 172
This course, the third in a series of four, allows students to refine and develop beginning keyboard skills learned in MUSC 030B. Piano technique, major and minor scales and arpeggios, sight-reading, expanded chord progressions, and harmonization and transposition skills are encountered in intermediate piano music. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
MUSC 031B INTERMEDIATE PIANO, LEVEL 4
1 unit
Lecture 0.5 unit; lab 0.5 units
Prerequisite: MUSC 031A
Acceptable for credit: University of California, California State University
This course, a continuation of MUSC 031A, will allow students to refine and develop beginning keyboard skills. Piano technique, major and minor scales and arpeggios, sight-reading, expanded chord progressions, and harmonization and transposition skills are encountered in intermediate piano music equivalent to the second half of Bela Bartok's Mikrokosmos Book 2. Pass/No Pass Option

MUSC 032A BEGINNING VOICE, LEVEL 1
1 unit
Lecture 0.5 units; lab 0.5 units
Acceptable for credit: University of California, California State University
This course is the first in a series of courses designed to give all students, including music and musical theater majors, the opportunity to improve the singing voice and develop the ability to sing confidently in front of others. Topics include the fundamentals of confident singing: proper posture; breath control; tone production; diction; expression; and music notation reading skills. Healthy habits of good vocal health are explored and exercises are given to help strengthen and improve the voice. Students sing together and individually for class. Pass/No Pass Option

MUSC 032B BEGINNING VOICE, LEVEL 2
1 unit
Lecture 0.5 unit; lab 0.5 units
Advisory: MUSC 032A OR private voice lessons for 6 months OR participation in choir for more than 1 year
Acceptable for credit: University of California, California State University
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
MUSC 033A INTERMEDIATE VOICE, LEVEL 3  
1 unit  
Lecture 0.5 unit; lab 0.5 units  
Prerequisite: MUSC 032B OR private voice lessons for 1 year OR participation in choir for more than 2 years  
Acceptable for credit: University of California, California State University  
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

MUSC 033B INTERMEDIATE VOICE, LEVEL 4  
1 unit  
Lecture 0.5 unit; lab 0.5 units  
Prerequisite: MUSC 033A OR private voice lessons for 2 years OR participation in choir for more than 3 years  
Acceptable for credit: University of California, California State University  
This last in this series of courses is designed for all students, including music and musical theater majors, to improve the singing voice and develop the ability to sing confidently in front of others. Topics include the fundamentals of healthy vocal production: proper posture and breath to sing; tone production; diction; expression; and music notation reading skills. Individual vocal problems are assessed and exercises are given to help strengthen and improve the voice. Students have the opportunity to sing together and individually for class. Students also have the opportunity to interpret and perform literature from many vocal genres including jazz. Pass/No Pass Option

MUSC 035A DICTION FOR SINGERS: ITALIAN, ENGLISH & LATIN  
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
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

MUSC 035B DICTION FOR SINGERS: GERMAN, FRENCH & SPANISH  
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
This course explores the study of singing diction in German, French and Spanish using the International Phonetic Alphabet (IPA) in spoken, sung, and written drills. A combination of theoretical and applied techniques consisting of sung, aural, spoken, and written exercises, are used to assist and assess students. Pass/No Pass Option

MUSC 036A BEGINNING GUITAR-LEVEL 1  
1 unit  
Lecture 0.5 unit; lab 0.5 unit  
Acceptable for credit: University of California, California State University  
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

MUSC 036B BEGINNING/INTERMEDIATE GUITAR - LEVEL 2  
1 unit  
Lecture 0.5 units; lab 0.5 units  
Advisory: MUSC 036A  
Acceptable for credit: University of California, California State University  
This beginning-intermediate level course emphasizes the development of extended guitar techniques, reading music, and playing in first through third position. The course is a continuation of training in the classical guitar tradition using the guitar methods of a variety of 18th and 19th century musicians, addressing various techniques including arpeggios, slurs, and barre chords. Pass/No Pass Option

MUSC 036C INTERMEDIATE GUITAR - LEVEL 3  
1 unit  
Lecture 0.5 units; lab 0.5 units  
Advisory: MUSC 036B  
Acceptable for credit: University of California, California State University  
This intermediate level course provides an emphasis on developing extended guitar techniques, reading music, and playing in first through 7th position. The course is a continuation of training in the classical guitar tradition using the guitar methods of a variety of 18th and 19th century musicians. The course provides opportunities for public performances on campus. Pass/No Pass Option

MUSC 036D INTERMEDIATE/ADVANCED GUITAR - LEVEL 4  
1 unit  
Lecture 0.5 units; lab 0.5 units  
Advisory: MUSC 036C  
Acceptable for credit: University of California, California State University  
This advanced-intermediate level course, the final in a series of four, emphasizes reading music and playing in all positions of the guitar. The course addresses various techniques including arpeggios, tremolo, and artificial harmonics. The course requires public performances on campus and/or in the community. Pass/No Pass Option

MUSC 039A APPLIED MUSIC: BRASS  
1 unit  
Lecture 0 units; lab 1 unit  
Co-Req: MUSC 048 or MUSC 049  
Audition to demonstrate collegiate level achievement on a brass instrument. Acceptable for credit: University of California, California State University  
This course, intended for music majors, focuses on the individualized study of techniques and repertoire for brass performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty.

MUSC 039B APPLIED MUSIC: WOODWIND  
1 unit  
Lecture 0 units; lab 1 unit  
Co-Req: MUSC 048 or MUSC 049  
Audition to demonstrate collegiate level achievement on a woodwind instrument. Acceptable for credit: University of California, California State University  
This course, intended for music majors, focuses on the individualized study of technique and repertoire for woodwind performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty.

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• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
MUSC 039C APPLIED MUSIC: STRINGS
1 unit
Lecture 0 units; lab 1 unit
Co-Requisite: MUSC 048 or MUSC 042 or MUSC 049
Audition to demonstrate college-level achievement on a string instrument. Acceptable for credit: University of California, California State University
This course, intended for music majors, focuses on the individualized study of technique and repertoire for string performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty.

MUSC 039D APPLIED MUSIC: PERCUSSION
1 unit
Lecture 0 units; lab 1 unit
Co-Requisite: MUSC 048 or MUSC 049 or MUSC 042
Audition to demonstrate college-level achievement on a percussion instrument. Acceptable for credit: University of California, California State University
This course, intended for music majors, focuses on the individualized study of techniques and repertoire for percussion. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty.

MUSC 039E APPLIED MUSIC: PIANO
1 unit
Lecture 0 units; lab 1 unit
Co-Requisite: MUSC 042 or MUSC 048 or MUSC 049
Audition to demonstrate college-level achievement on piano. Acceptable for credit: University of California, California State University
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.

MUSC 039F APPLIED MUSIC: GUITAR
1 unit
Lecture 0 units; lab 1 unit
Co-Requisite: MUSC 042 or MUSC 048 or MUSC 049
Audition to demonstrate college-level achievement on guitar. Acceptable for credit: University of California, California State University
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.

MUSC 039G APPLIED MUSIC: VOICE
1 unit
Lecture 0 units; lab 1 unit
Co-Requisite: MUSC 042
Audition to demonstrate college-level achievement in vocal performance. Acceptable for credit: University of California, California State University
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.

MUSC 039H APPLIED MUSIC: COMPOSITION
1 unit
Lecture 0 units; lab 1 unit
Prerequisites: MUSC 005 and MUSC 030A and MUSC 036A and MUSC 067A
Audition to demonstrate college-level achievement in composition. Acceptable for credit: University of California, California State University
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.

MUSC 040 CHAMBER SINGERS
2 units
Lecture 1 unit; lab 1 unit
Advisory: MUSC 042
Audition Required
Acceptable for credit: University of California, California State University
Chamber Singers is a choral ensemble open to all students by audition. The Chamber Singers perform a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class is primarily from the classical eras of music history (Classical, Romantic). Pass/No Pass Option

MUSC 040B CHAMBER SINGERS-CLASSICAL MUSIC
2 units
Lecture 1 unit; lab 1 unit
Advisory: MUSC 032A and/or MUSC 042A
Prerequisite: Audition required
Acceptable for credit: University of California, California State University
Chamber Singers is a choral ensemble open to all students by audition. The Chamber Singers perform a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class is primarily from the classical eras of music history (Classical, Romantic). Pass/No Pass Option

MUSC 040C CHAMBER SINGERS-MODERN MUSIC
2 units
Lecture 1 unit; lab 1 unit
Advisory: MUSC 032A and/or MUSC 042A
Prerequisite: Audition required
Acceptable for credit: University of California, California State University
Chamber Singers is a choral ensemble open to all students by audition. The Chamber Singers perform a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class is primarily from the recent eras of music history (Impressionist, 20th Century, 21st Century) from Eurasian and American cultures. Pass/No Pass Option

MUSC 040D CHAMBER SINGERS-WORLD MUSIC
2 unit
Lecture 1 unit; lab 1 unit
Advisory: MUSC 032A and/or MUSC 042
Prerequisite: Audition required
Acceptable for credit: University of California, California State University
Chamber Singers is a choral ensemble open to all students by audition. The Chamber Singers perform a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class is primarily from non-Western cultures, though other literature may also be programmed. Pass/No Pass Option

• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog
MUSC 042 CONCERT CHOIR
1 unit
Lecture 0 units; lab 1 unit
Audition required
Acceptable for credit: University of California, California State University
C-ID MUS 180
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

MUSC 042B CONCERT CHOIR-CLASSICAL MUSIC
1 unit
Lecture 0 units; lab 1 unit
Prerequisite: Audition is required
Acceptable for credit: University of California, California State University
C-ID MUS 180
This course focuses on the study, rehearsal, and public performance of classical choral music literature, with an emphasis on the development of skills necessary to sing in a large ensemble. Study includes music reading skills, the building of technical skills, the creation of a beautiful tone, aesthetic awareness, and responsible rehearsal habits in a large ensemble. The literature performed in this class is primarily from the classical eras of music history (Classical & Romantic), though other literature may also be programmed. Audition is required. This course is required for vocal music majors. Pass/No Pass Option

MUSC 042C CONCERT CHOIR-MODERN MUSIC
1 unit
Lecture 0 units; lab 1 unit
Prerequisite: Audition is required
Acceptable for credit: University of California, California State University
C-ID MUS 180
This course focuses on the study, rehearsal, and public performance of modern choral music literature, with an emphasis on the development of skills necessary to sing in a large ensemble. Study includes music reading skills, the building of technical skills, the creation of a beautiful tone, aesthetic awareness, and responsible rehearsal habits in a large ensemble. The literature performed in this class is primarily from the modern eras of music history (Impressionist, 20th Century, 21st Century), though other literature may also be programmed. Audition is required. This course is required for vocal music majors. Pass/No Pass Option

MUSC 042D CONCERT CHOIR-WORLD MUSIC
1 unit
Lecture 0 units; lab 1 unit
Prerequisite: Audition is required
Acceptable for credit: University of California, California State University
C-ID MUS 180
This course focuses on the study, rehearsal, and public performance of choral music literature from around the world, with an emphasis on the development of skills necessary to sing in a large ensemble. Study includes music reading skills, the building of technical skills, the creation of a beautiful tone, aesthetic awareness, and responsible rehearsal habits in a large ensemble. The literature performed in this class is primarily from non-Western cultures, though other literature may also be programmed. Audition is required. This course is required for vocal music majors. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
**MUSC 043A INTRODUCTION TO JAZZ IMPROVISATION**  
2 units  
Lecture 1.5 units; lab 0.5 units  
Advisory: MUSC 009 or MUSC 026 or MUSC 027 or MUSC 051 or MUSC 061  
Acceptable for credit: University of California, California State University  
This course is the first in a two-part study of jazz harmony, melody, and rhythm found in contemporary jazz music. It is designed to provide knowledge of basic materials and practices necessary for improvising in the jazz idiom. Prior experience in jazz performance is suggested. Pass/No Pass Option

**MUSC 043B JAZZ IMPROVISATION**  
2 units  
Lecture 1.5 units; lab 0.5 units  
Prerequisite: MUSC 043A  
Advisory: MUSC 043A  
Acceptable for credit: University of California, California State University  
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. Pass/No Pass Option

**MUSC 044A MUSICAL THEATER & OPERA SCENES: COMIC OPERA**  
2 units  
Lecture 1 unit; lab 1 unit  
Advisory: MUSC 032A or MUSC 032B or MUSC 032C or MUSC 033A or MUSC 033B and THEA 040A  
Acceptable for credit: University of California, California State University  
This course provides students the opportunity to apply vocal and theatrical skills necessary for a staged performance in the opera and musical theater genres. Literature focuses primarily on comic opera. Audition required. Pass/No Pass Option

**MUSC 044B MUSICAL THEATER & OPERA SCENES: VERISMO OPERA**  
2 units  
Lecture 1 unit; lab 1 unit  
Advisory: MUSC 032A or MUSC 032B or MUSC 032C or MUSC 033A or MUSC 033B and THEA 040A  
Acceptable for credit: University of California, California State University  
This course provides students the opportunity to apply vocal and theatrical skills necessary for a staged performance in the opera and musical theater genres. Literature focuses primarily on verismo opera. Audition required. Pass/No Pass Option

**MUSC 044C MUSICAL THEATER & OPERA SCENES: MID-20TH CENTURY MUSICALS**  
2 units  
Lecture 1 unit; lab 1 unit  
Advisory: MUSC 032A and/or MUSC 032B and/or MUSC 032C and/or MUSC 033A and/or MUSC 033B and/or THEA 040A  
Acceptable for credit: University of California, California State University  
This course provides students the opportunity to apply vocal and theatrical skills necessary for a staged performance in the opera and musical theater genres. Literature focuses primarily on musicals of the mid-20th Century. Audition required. Pass/No Pass Option

**MUSC 044D MUSICAL THEATER & OPERA SCENES: MODERN MUSICALS**  
2 units  
Lecture 1 unit; lab 1 unit  
Advisory: MUSC 032A or MUSC 032B or MUSC 032C or MUSC 033A or MUSC 033B and THEA 040A  
Acceptable for credit: University of California, California State University  
This course provides students the opportunity to apply vocal and theatrical skills necessary for a staged performance in the opera and musical theater genres. Literature focuses primarily on modern musical theater. Audition required. Pass/No Pass Option

**MUSC 048 SYMPHONY ORCHESTRA**  
1 unit  
Lecture 0 units; lab 1 unit  
Audition required.  
Acceptable for credit: California State University  
C-ID MUS 180  
This course focuses upon the study, rehearsal, and public performance of orchestral literature, with an emphasis on the development of skills needed to perform within a large ensemble. Different literature is studied each semester. Audition is required. Pass/No Pass Option

**MUSC 049 SYMPHONIC BAND**  
1 unit  
Lecture 0 units; lab 1 unit  
Audition Required  
C-ID MUS 180  
Acceptable for credit: University of California, California State University  
This course is for the study, rehearsal, and public performance of the standard wind band literature, with an emphasis on the development of skills needed to perform within an ensemble. Different literature is studied each semester. Audition is required. Pass/No Pass Option

**MUSC 049A SYMPHONIC BAND - MARCHES**  
1 unit  
Lecture 0 units; lab 1 unit  
C-ID MUS 180  
Acceptable for credit: University of California, California State University  
This course covers one of the most beautiful aspects of wind band playing - the chorale. Study, rehearsal and performance of these works is essential to the comprehension of the Symphonic Band literature. Attendance at all scheduled performances is required. Audition is required. Pass/No Pass Option

**MUSC 049B SYMPHONIC BAND - CHORALES**  
1 unit  
Lecture 0 units; lab 1 unit  
C-ID MUS 180  
Acceptable for credit: University of California, California State University  
This course provides students the opportunity to apply vocal and theatrical skills necessary for a staged performance in the opera and musical theater genres. Literature focuses primarily on comic opera. Audition required. Pass/No Pass Option

**MUSC 049C SYMPHONIC BAND - FILM AND POPULAR MUSIC**  
1 unit  
Lecture 0 units; lab 1 unit  
Prerequisite: Audition required.  
Acceptable for credit: University of California, California State University  
C-ID MUS 180  
This course covers one of the most beautiful aspects of wind band playing - the chorale. Study, rehearsal and performance of these works is essential to the comprehension of the Symphonic Band literature. Attendance at all scheduled performances is required. Audition is required. Pass/No Pass Option

**MUSC 049D SYMPHONIC BAND - MODERN LITERATURE**  
1 unit  
Lecture 0 units; lab 1 unit  
C-ID MUS 180  
Acceptable for credit: University of California, California State University  
This course provides students the opportunity to apply vocal and theatrical skills necessary for a staged performance in the opera and musical theater genres. Literature focuses primarily on modern musical theater. Audition required. Pass/No Pass Option

• ADVISORY is a recommended preparation, NOT a REQUIREMENT.  
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
MUSC 051 JAZZ BAND
2 units
Lecture 1 unit; lab 1 unit
Prerequisite: Audition required
Acceptable for credit: University of California, California State University
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

MUSC 051B JAZZ ENSEMBLE - THE SWING ERA
2 units
Lecture 1 unit; lab 1 unit
Acceptable for credit: University of California, California State University
This course focuses on the 40’s, when big band jazz was almost an exclusively dance oriented art, featuring the music of Benny Goodman, Chic Webb, Glen Miller and others. There is emphasis on group participation/rehearsals and public performances. Attendance at performances is required. Pass/No Pass Option

MUSC 051C JAZZ ENSEMBLE - EVOLUTION OF THE “STAGE BAND”
2 units
Lecture 1 unit; lab 1 unit
Acceptable for credit: University of California, California State University
This course exposes students to the music of Woody Herman, Count Basie, Stan Kenton and other luminaries of the 1960’s and 70’s when the dance band genre was transformed into a more of a concert like a setting. There is emphasis on group participation/rehearsals and public performances. Attendance at performances is required. Pass/No Pass Option

MUSC 051D JAZZ ENSEMBLE - MODERN COMPOSERS
2 units
Lecture 1 unit; lab 1 unit
Acceptable for credit: University of California, California State University
This course covers the musical changes in the modern Jazz band with performances and analysis of 21st century composers such as as Gordon Goodwin, Maria Schneider. Participation in rehearsals and public performances is required. Pass/No Pass Option

MUSC 052A JAZZ COMBO: EARLY
1 unit
Lecture 0 units; lab 1 unit
Advisory: MUSC 051 or MUSC 061
Acceptable for credit: University of California, California State University
This course focuses on small group playing in the jazz idiom. Students have the opportunity to perform early styles of jazz. Each combo is expected to perform in public, either on or off-campus. Pass/No Pass Option

MUSC 052B JAZZ COMBO: SWING
1 unit
Lecture 0 units; lab 1 unit
Advisory: MUSC 051 or MUSC 061
Acceptable for credit: California State University
This course focuses on small group playing in the jazz idiom. Students have the opportunity to concentrate on the performance of swing. Each combo is expected to perform in public, either on or off-campus. Pass/No Pass Option

MUSC 052C JAZZ COMBO: BEBOP
1 unit
Lecture 0 units; lab 1 unit
Advisory: MUSC 051 or MUSC 061
Acceptable for credit: California State University
This course focuses on small group playing in the jazz idiom. Students have the opportunity to perform bebop. Each combo is expected to perform in public, either on or off-campus. Pass/No Pass Option

MUSC 052D JAZZ COMBO: FUSION
1 unit
Lecture 0 units; lab 1 unit
Advisory: MUSC 051 or MUSC 061
Acceptable for credit: California State University
This course focuses on small group playing in the jazz idiom. Students have the opportunity to perform jazz fusion. Each combo is expected to perform in public, either on or off-campus. Pass/No Pass Option

MUSC 053A CHAMBER MUSIC: EARLY
1 unit
Lecture 0 units; lab 1 unit
Advisory: MUSC 042 or MUSC 048 or MUSC 049
Acceptable for credit: California State University
This course provides students the opportunity to perform in small and diverse instrumental and/or vocal chamber ensembles. The literature performed in this class is primarily from the early eras of music history (Medieval, Renaissance, Baroque). Pass/No Pass Option

MUSC 053B CHAMBER MUSIC: CLASSICAL
1 unit
Lecture 0 units; lab 1 unit
Advisory: MUSC 042 or MUSC 048 or MUSC 049
Acceptable for credit: California State University
This course provides students the opportunity to perform in small and diverse instrumental and/or vocal chamber ensembles. The literature performed in this class is primarily from the classical eras of music history (Classical, Romantic). Pass/No Pass Option

MUSC 053C CHAMBER MUSIC: MODERN
1 unit
Lecture 0 units; lab 1 unit
Advisory: MUSC 042 or MUSC 048 or MUSC 049
Acceptable for credit: California State University
This course provides students the opportunity to perform in small and diverse instrumental and/or vocal chamber ensembles. The literature performed in this class is primarily from the modern eras of music history (Impressionism, 20th Century, 21st Century). Pass/No Pass Option

MUSC 053D CHAMBER MUSIC: WORLD
1 unit
Lecture 0 units; lab 1 unit
Advisory: MUSC 042 or MUSC 048 or MUSC 049
Acceptable for credit: California State University
This course provides students the opportunity to perform in small and diverse instrumental and/or vocal chamber ensembles. The literature performed in this class is primarily from non-Western cultures. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
MUSC 054 HISTORY OF ROCK AND ROLL MUSIC  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
This course covers the history of Rock and Roll music from its inception in the mid 40's through the punk movement of the late 70's and beyond. This course examines the relationship between music, musicians, and society during this period. Pass/No Pass Option

MUSC 055 WORLD MUSIC  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
World Music covers the developments in music from a non-western perspective and the influence of various cultures including African, South American, and Caribbean on the music of today. Course materials are selected from specific styles of folk, popular and art music, which are examined on the basis of the convergence of African, Native, and European elements, the effects of the 20th century developments such as technology and mass media, and the outgrowth of contemporary artistic thought and aesthetics.

MUSC 056 PERCUSSION ENSEMBLE  
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
Percussion Ensemble is a select group of musicians who engage in the performance of percussion performance literature. The repertoire ranges from classical transcriptions to contemporary jazz and world music. Rehearsals focus on individual preparation of assigned repertoire, group cohesiveness and interpretation. Membership is open to all qualified students of the college. Pass/No Pass Option

MUSC 057 HISTORY AND CULTURE OF HIP-HOP  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
This course presents the development of hip-hop as a musical style and cultural movement. Students have the opportunity to examine key figures in hip-hop, institutions, and social settings through readings, electronic media, videos, and hands-on projects. Students also have the opportunity investigate how hip-hop culture is not only a source of entertainment, but also a medium that provides commentary regarding social, economic, political and cultural issues dealing with identity, cultural genocide, misogyny, racism, class-ism, materialism, freedom of speech and sexuality. Pass/No Pass Option

MUSC 061 JAZZ Singers  
2 units  
Lecture 1 unit; lab 1 unit  
Prerequisite: Audition required.  
Advisory: MUSC 009  
Acceptable for credit: University of California, California State University  
This course focuses on the study, rehearsal, and public performance of jazz 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

MUSC 061B VOCAL JAZZ ENSEMBLE: SWING  
2 units  
Lecture 1 unit; lab 1 unit  
Prerequisite: Audition required prior to placement in class  
Acceptable for credit: University of California, California State University  
Vocal Jazz Singers is a choral ensemble open to all students by audition. The ensemble performs a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class focuses on the study and performance of vocal jazz literature from the Swing Era. Pass/No Pass Option

MUSC 061D VOCAL JAZZ ENSEMBLE: POP & A CAPPELLA  
2 units  
Lecture 1 unit; lab 1 unit  
Prerequisite: Audition required prior to placement in class  
Acceptable for credit: University of California, California State University  
Vocal Jazz Singers is a choral ensemble open to all students by audition. The ensemble performs a wide range of music in concerts and choral festivals throughout the region. The literature performed in this class focuses on the study and performance of vocal jazz literature in the Pop and a cappella styles. Pass/No Pass Option

MUSC 062A SOLO PERFORMANCE IN JAZZ AND POPULAR MUSIC  
1 unit  
Lecture 0 units; lab 1 unit  
Acceptable for credit: University of California, California State University  
Students have the opportunity to study and perform songs in the popular and jazz idioms. Proper vocal or instrumental technique, stage presence, phrasing and styling, and the use of microphone are explored. Pass/No Pass Option

MUSC 063A INTRODUCTION TO MUSIC PRODUCTION  
3 units  
Lecture 2 units; lab 1 unit  
Acceptable for credit: California State University  
This is a project based course providing specific training in Digital Audio Workstation audio and music production. The course covers MIDI, digital audio, computer based sequencing, signal processing, recording and scoring with computer-related instruments in an industry standard Digital Audio Workstation environment of either Logic Pro or ProTools. Pass/No Pass Option

MUSC 063B COMMERCIAL MUSIC PRODUCTION  
3 units  
Lecture 2 units; lab 1 unit  
Advisory: MUSC 063A  
Acceptable for credit: California State University  
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

MUSC 064 SOUND DESIGN  
3 units  
Lecture 2 units; lab 1 unit  
Acceptable for credit: California State University  
This course is an introductory survey of sound types, techniques and the methods of their application for appropriate accompaniment to computer animation and multi-media presentations. Pass/No Pass Option

• ADVISORY is a recommended preparation, NOT a REQUIREMENT.  
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog.
MUSC 065A RECORDING ARTS I
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: California State University
This is the first of a 3-part series of recording arts classes. It is an introductory class to the audio recording arts, covering basic recording studio skills including analog audio theory, signal flow, gain staging, microphones, mic placement, and tracking. Students have the opportunity to gain hands on experience recording, editing, mixing, and mastering audio. Upon completion, students will have basic knowledge of applied audio concepts, production workflow, equipment functions, and audio editing software. Pass/No Pass Option

MUSC 065B RECORDING ARTS II
3 units
Lecture 2 units; lab 1 unit
Advisory: MUSC 065A
Acceptable for credit: California State University
This is the second of a 3-part series of recording arts classes. MUSC 065B is an intermediate class in the audio recording arts, covering multi-track recording and overdubbing, outboard and on-board signal processing, use of patch bays, mixing, automation, and commercial music production. Pass/No Pass Option

MUSC 065C RECORDING ARTS III
3 units
Lecture 2 units; lab 1 unit
Advisory: MUSC 065B
Acceptable for credit: California State University
This is the last of a 3-part series of recording arts classes. It is an advanced course in the audio recording arts, covering mixing, signal processing, comp tracks and mastering. Pass/No Pass Option

MUSC 065D RECORDING ARTS FOR FILM, TV & MEDIA: LIVE ON-LOCATION
2 units
Lecture 1 unit; lab 1 unit
Advisory: MUSC 065A and THEA 005A
Acceptable for credit: University of California
This course serves as an introduction to the theory and practice of audio production for radio, television, film and digital recording applications. Students will have the opportunity to learn the fundamentals of sound design and aesthetics, microphone use, and digital recording equipment. Students gain hands on experience recording, editing, mixing and mastering audio.

MUSC 066 DIGITAL AUDIO AND NOTATION
1 unit
Lecture 0.5 units; lab 0.5 units
Advisory: MUSC 005
Acceptable for credit: California State University
This course focuses on the basics of MIDI, music notation, the digital audio workstation, and digital audio terminology using industry standard technology. Pass/No Pass Option

MUSC 067A CREATING MUSIC FOR FILM, TV, AND GAMING: FOUNDATIONS
3 units
Lecture 2 units; lab 1 unit
Acceptable for credit: University of California, California State University
For music creators and songwriters, using tools of the modern MIDI studio, this course provides an introductory level of creating music for TV, film, and games. Topics include designing a cue, media songwriting, linear and layering scoring techniques, and the business relationship with clients. Pass/No Pass Option

MUSC 067B CREATING MUSIC FOR FILM, TV AND GAMING: TECHNIQUES
3 unit
Lecture 2 units; lab 1 unit
Advisory: MUSC 067A
Acceptable for credit: University of California, California State University
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

MUSC 068 CINEMATIC ORCHESTRATION FOR FILM, TV AND GAMING
3 units
Lecture 2 units; lab 1 unit
Advisory: MUSC 005
Acceptable for credit: University of California, California State University
This course covers the basics of orchestration, as well as an introduction to the world of computers, samples, and MIDI to create effective virtual orchestrations for media and composition. This course also covers studio requirements and considerations, such as computer choices, sequencing software, sample libraries, electronic orchestration techniques, and mixing techniques, all with the primary objective of producing facsimiles of electronic and acoustic instrument performances.

MUSC 069A SONGWRITING, LEVEL 1
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California
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.

MUSC 069B SONGWRITING, LEVEL 2
3 units
Lecture 2 units; lab 1 unit
Prerequisite: MUSC 069A
Acceptable for credit: California State University
This course explores the process of songwriting. Songs are analyzed for chord structure, form, rhythm, melody, harmony, and lyrics. Original compositions and performances are expected from all students. Pass/No Pass Option.

MUSC 070 MUSIC BUSINESS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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.

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
Nutrition Studies

THE FACULTY
Wendy Bowers-Gachesa

DIVISION Health and Human Development
DEAN John Vlahos
DEPARTMENT CHAIR Kris Gaiero
PHONE 408-741-4019
EMAIL kris.gaiero@westvalley.edu
COUNSELING 408-741-2009

Degree:
A.S.-T, Nutrition & Dietetics

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

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

ASSOCIATE IN SCIENCE IN NUTRITION AND DIETETICS FOR TRANSFER DEGREE (AS-T in Nutrition and Dietetics)

The Associate in Science in Nutrition and Dietetics for Transfer degree (AS-T in Nutrition and Science) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Nutrition And Dietetics for the goal of a career path in the field of Nutrition and Dietetics.

Students who complete the Associate in Science in Nutrition and Dietetics for Transfer degree (AS-T in Nutrition and Dietetics) will be able to:
• demonstrate knowledge in the relationship of the human diet to health and lifestyle-related diseases.

The purpose of the Nutrition and Dietetics major is to provide students with education and training in the area of nutritional sciences or dietetics, and to prepare for transfer. This major provides the opportunity for students to begin their career path in the field of Nutrition and Dietetics.

Students must complete the following requirements:
• 60 semester or 90 quarter CSU-transferable units;
• the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Interssegmental General Education Transfer Curriculum (IGETC) pattern;
• a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district;
• obtainment of a minimum grade point average (GPA) of 2.0;
• earn a grade of C or better in all courses required for the major or area of emphasis.

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

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

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<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
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<td>Required Core Courses: 21 units</td>
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<tr>
<td>NS 015</td>
<td>Human Nutrition</td>
<td>3</td>
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<tr>
<td>PSYCH 001</td>
<td>General Psychology</td>
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<tr>
<td>CHEM 001A</td>
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<td>CHEM 001B</td>
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</tr>
<tr>
<td>BIO 045</td>
<td>Microbiology</td>
<td>5</td>
</tr>
</tbody>
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List A: Select a Minimum of One Course

| CHEM 012A | Organic Chemistry | 5 |
| BIO 047   | Human Anatomy | 5 |
| BIO 048   | Human Physiology | 5 |
| MATH 010  | Elementary Statistics | 4 |
| MATH 010H | Honor Elementary Statistics | 4 |

List B: Select One Course

| BIO 011  | Human Biology | 4 |
| BIO 011H | Honors Human Biology | 4 |
| BIO 041  | Principles of Animal Biology | 5 |
| BIO 042  | Principles of Plant Biology | 5 |
| BIO 043  | Principles of Cell Biology | 5 |
| ECON 001A | Principles of Macroeconomics | 3 |
| ECON 001AH | Honors Principles of Macroeconomics | 3 |
| ECON 001B | Principles of Microeconomics | 3 |
| ECON 001BH | Honors Principles of Microeconomics | 3 |
| MATH 001  | Pre-Calculus Algebra | 4 |
| MATH 002  | Pre-Calculus Algebra and Trigonometry | 6 |
| PHYS 002A | General Physics -- Mechanics | 5 |
| PHYS 002B | General Physics -- Electricity and Magnetism | 5 |
| SOC 001   | Introduction to Sociology | 3 |

Total Major Units 28-32
GE Units (CSU GE or IGETC) 39 or 37
Total Degree Units 60

For crosswalk of new subject codes, see page 61

Recommended Course Sequence:
Fall, Year 1 (11 Units):
NUTR 015, CHEM 001A, PSYC 001
Spring, Year 1 (10 Units):
BIOL 045, CHEM 001B

List A – Suggested courses
Fall, Year 2 (5 Units):
CHEM 012A
Spring, Year 2 (9 Units):
MATH 010, BIOL 048

List B – Suggested course
Fall, Year 2 (4 Units):
BIOL 011
NUTR 015 HUMAN NUTRITION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID NUTR 110
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

NUTR 020 WORLD FOOD CUSTOMS AND NUTRITION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course examines food intake patterns, food customs, and nutritional status of people from various racial, regional, and religious backgrounds of the world from an evolutionary and ecological perspective. In addition, this course looks at food as a source of nutrients as well as an integral part of people’s cultures. This course explores contemporary health problems related to food and nutrition, and discusses different approaches to dealing with these challenges through community development and other intervention strategies. Pass/No Pass Option

NUTR 022 SPORTS NUTRITION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is designed specifically for the fitness specialist or enthusiast who wants a basic understanding of nutritional principles as they relate to exercise and sports. Emphasis 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

Oceanography

THE FACULTY
Robert Lopez
DIVISION Science and Math
DEAN Laura Hyatt
DEPARTMENT CHAIR Doug Epperson
PHONE 408-741-4662
EMAIL Doug.Epperson@westvalley.edu
COUNSELING 408-741-2009

Oceanography is for explorers, for people interested in the ocean environment and in the physical processes that affect the coasts, seafloor, and water column. Oceanographers study volcanses and sediment, water chemistry and atmospheric gasses, glacial ice and global warming, marine ecology and habitat, earth and life through time, and the origins of the universe. At West Valley College, students can take the multidisciplinary course Oceanography 001, offered through the Department of Oceanography, and can choose from a variety of earth science and biological sciences courses offered through the Department of Geological and the Department of Biology.

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

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

Highlights:
The Oceanography/Geology Department offers:
- Transferable courses (all Oceanography courses are transferable to UC or CSU)
- Marine Coastal Geology and San Francisco Bay Estuary trips
- Course Web Pages with Online Study Questions

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

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

OCEA 010 INTRODUCTION TO OCEANOGRAPHY
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course presents some of the more important phenomena of oceanography with emphasis on seafloor plate tectonics, marine geology, ocean chemistry, ocean physics, and marine ecology. The laboratory section complements the lecture with hands-on experience through lab exercises, demonstrations, and field trips. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
Orthopedic Technician
(See Health Care Technologies)

Paralegal

THE FACULTY
Stacy Hopkins

DIVISION
Che School of Professional Studies
DEAN
Renee Paquier
DEPARTMENT CHAIR
Stacy Hopkins
PHONE
408-741-2445
EMAIL
stacy.hopkins@westvalley.edu
COUNSELING
408-741-4068

Degree:
A.S., Paralegal

Certificate:
Paralegal

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

"A Paralegal is a trained specialist who, under the supervision of an attorney, performs a wide variety of legal tasks. These include legal research, law office management and preparation of legal documents. Only an attorney may provide legal services directly to the public."

WVC PARALEGAL PROGRAM LIST OF ABA APPROVED GENERAL EDUCATION – Revised May 2019

Area A - Language and Rationality
ENGL 001A, 001B, 001C
MATH 002D, 000G, 001, 002, 003A/B, 004A/B/C, 008, 010, 012, 019, 106, 106R
PHIL 002, 003, 017
READ 053
COMM 001, 010, 020

Area B - Natural Sciences
ANTH 001
ASTR 002, 010, 011, 013, 014, 022, 023, 024, 036, 037, 041, 042, 045, 046, 048
CHEM 001A/B, 002, 012A/B, 030A/B
GEOG 001
GIS 001
HUMN 001A/B, 002, 010, 020
OCEA 010
PSY 002A/B, 004A/B/C, 010
PSYC 002, 007

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

Area D – Social Science
Series 1
ADM 001
ANTH 002, 003, 004
ECON 001A/B, 010
GEOG 002, 006
HIST 004B, 012, 014, 016, 020
POLI 002, 003, 004

• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog.
The Paralegal Associate of Science degree goals and objectives are designed to prepare the student to enter into the paralegal profession. To enhance a graduate’s ability to obtain employment, the Program requires an internship in a law office environment doing paralegal level tasks. This aids the graduate by demonstrating to potential employers that the candidate has had practical paralegal work experience in the legal field. After completing this degree in Paralegal, a student will be able to:

1. Describe the practice of law and the paralegal’s role in the legal profession.
2. Demonstrate the skills and knowledge needed to work in civil litigation.
3. Conduct legal research.
4. Apply the ethical rules and regulations applicable to paralegals and other legal professionals to given situations.
5. Demonstrate strong written and oral communication skills.
6. Demonstrate a proficiency in legal technology.
7. Demonstrate an ability to do factual and legal analysis.

Examples of Paralegal employers include:
- Law Firms
- Government Agencies
- Corporate Legal Departments
- Non-Profit Organizations
- Financial Institutions
- Insurance Companies
- Real Estate Companies

Additionally, there are a number of alternative careers for paralegal-trained individuals, including:
- Investigator or Hearing Officers for Federal, State, and Local Administrative Agencies
- Insurance Claims Adjuster
- Debt Collector
- Financial Services Representative
- Legal Writer
- Alternative Dispute Resolution (Mediator, Arbitrator)
- Legal Publishing or Database Company Representative
- Project Manager/Sales for legal support software vendors
- Contracts Administrator
- Compliance Officer in a Corporate environment
- Clerk or Administrator in the court system

Special note: Coursework may include no more than 12 units for transfer of legal specialty courses from another ABA approved paralegal program. No more than 3 units of the Administration of Justice courses may be selected as electives. This degree consists of all of the requirements for the Paralegal Certificate of Achievement plus a minimum of 25 units of General Education from the approved list of general education courses.

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**Required Core Courses: 29 units**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARA 018</td>
<td>Legal Analysis</td>
<td>2</td>
</tr>
<tr>
<td>PARA 019</td>
<td>Introduction to Paralegal Studies</td>
<td>3</td>
</tr>
<tr>
<td>PARA 021</td>
<td>Introduction to American Law</td>
<td>3</td>
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<tr>
<td>PARA 022</td>
<td>Civil Litigation Procedures</td>
<td>3</td>
</tr>
<tr>
<td>PARA 022A</td>
<td>Pre-trial Procedures</td>
<td>1.5</td>
</tr>
<tr>
<td>PARA 024A</td>
<td>Writing for Law Practice</td>
<td>1.5</td>
</tr>
<tr>
<td>PARA 025</td>
<td>Legal Ethics and Professional Responsibility</td>
<td>1.5</td>
</tr>
<tr>
<td>PARA 029A</td>
<td>Paralegal Employment Preparation</td>
<td>1</td>
</tr>
<tr>
<td>PARA 029B</td>
<td>Paralegal Internship</td>
<td>2</td>
</tr>
<tr>
<td>PARA 065B</td>
<td>Microsoft Word for the Law Office</td>
<td>3</td>
</tr>
<tr>
<td>PARA 068</td>
<td>Computer Assisted Legal Research</td>
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<tr>
<td>PARA 023</td>
<td>Legal Research and Writing</td>
<td>2</td>
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<tr>
<td>PARA 043</td>
<td>Law Office Management</td>
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</tr>
<tr>
<td>PARA 090</td>
<td>Legal Technology</td>
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**Electives from Recommended List: 6 units**

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<td>Corporate Law</td>
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<td>PARA 030</td>
<td>Business Contract Law</td>
<td>1.5</td>
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<tr>
<td>PARA 032</td>
<td>Family Law</td>
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<tr>
<td>PARA 035A</td>
<td>Practical Procedures for Probate</td>
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<tr>
<td>PARA 036</td>
<td>Will Drafting and Basic Estate Planning</td>
<td>3</td>
</tr>
<tr>
<td>PARA 037</td>
<td>Intellectual Property Law</td>
<td>1.5</td>
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<tr>
<td>PARA 070</td>
<td>Employment Law</td>
<td>3</td>
</tr>
<tr>
<td>PARA 076</td>
<td>Immigration and Naturalization Law for Paralegals</td>
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<tr>
<td>PARA 077</td>
<td>Elder Law for Paralegals</td>
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<tr>
<td>PARA 083C</td>
<td>Patent Administration for Paralegals</td>
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<tr>
<td>ADMJ 004</td>
<td>Legal Aspects of Evidence</td>
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<tr>
<td>ADMJ 005</td>
<td>Criminal Investigation</td>
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<tr>
<td>ADMJ 041</td>
<td>Introduction to Forensics</td>
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</table>

**Total Major Units:** 25

To be awarded an A.S. Degree, a student must complete:

1. All major requirements.
2. Additional units to meet the college graduation requirements. For crosswalk of new subject codes, see page 61

**Recommended Course Sequence:**

**Fall, Year 1 (12.5 Units):**
PARA 018, PARA 019, PARA 021, PARA 068, Any Course from Electives

**Spring, Year 1 (10.5 Units):**
PARA 022, PARA 023, PARA 025, PARA 029A, PARA 065B

**Fall, Year 2 (12 Units):**
PARA 022A, PARA 024A, PARA 029B, PARA 043, PARA 090, Any Course from Electives

---

- **PREREQUISITES AND COREQUISITES are MANDATORY.** See page 5 for specific information.
- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
The Paralegal Certificate of Achievement goals and objectives are designed to prepare the student to enter into the paralegal profession. To enhance a graduate’s ability to obtain employment, the Program requires an internship in a law office environment doing paralegal level tasks. This aids the graduate by demonstrating to potential employers that the candidate has had practical paralegal work experience in the legal field.

After completing this Certificate, a student will be able to:
1. Describe the practice of law and the paralegal’s role in the legal profession.
2. Demonstrate the skills and knowledge needed to work in civil litigation.
3. Conduct legal research.
4. Apply the ethical rules and regulations applicable to paralegals and other legal professionals to given situations.
5. Demonstrate strong written and oral communication skills
6. Demonstrate an ability to do factual and legal analysis.
7. Demonstrate proficiency with legal technology.

Examples of Paralegal employers include:
- Law Firms
- Government Agencies
- Corporate Legal Departments
- Non-Profit Organizations
- Financial Institutions
- Insurance Companies
- Real Estate Companies

Additionally, there are a number of alternative careers for paralegal-trained individuals, including:
- Investigator or Hearing Officers for Federal, State, and Local Administrative Agencies
- Insurance Claims Adjuster
- Debt Collector
- Financial Services Representative
- Legal Writer
- Alternative Dispute Resolution (Mediator, Arbitrator)
- Legal Publishing or Database Company Representative
- Project Manager or Sales for legal support software vendors
- Contracts Administrator
- Compliance Officer in a Corporate environment
- Clerk or Administrator in the court system.

Special note: Coursework may include no more than 12 units for transfer of legal specialty courses from another ABA approved paralegal program. No more than 3 units of the Administration of Justice courses may be selected as electives. A minimum of an AS Degree is required to obtain the Paralegal Certificate.

### Course ID Title Units

<table>
<thead>
<tr>
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<tbody>
<tr>
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Total Certificate Units 35

For crosswalk of new subject codes, see page 61

### COURSE SUBSTITUTION AND WAIVERS

Course substitutions are approved pursuant to Program policy only. No waiver of courses is permitted by the Program.

For crosswalk of new subject codes, see page 61

### Recommended Course Sequence:

**Fall, Year 1 (12.5 Units):**
- PARA 018, PARA 019, PARA 021, PARA 068, Any Course from Electives

**Spring, Year 1 (10.5 Units):**
- PARA 022, PARA 023, PARA 025, PARA 029A, PARA 065B

**Fall, Year 2 (12 Units):**
- PARA 022A, PARA 024A, PARA 029B, PARA 043, PARA 090, Any Course from Electives

### PARA 018 LEGAL ANALYSIS

2 units

Lecture 2 units; lab 0 units

Acceptable for credit: California State University

This course covers how to analyze primary sources of law, including enacted law and court opinions. It focuses on understanding the requirements of the law and applying these requirements to a client’s facts.

### PARA 019 INTRODUCTION TO PARALEGAL STUDIES

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: California State University

This 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.

### PARA 021 INTRODUCTION TO AMERICAN LAW

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: California State University

This course provides an overview of major substantive areas of American Law including contracts, constitutional law, corporations, criminal law, family law, property, wills and estates, and personal injury law.
PARA 022 CIVIL LITIGATION PROCEDURES
3 units
Lecture 3 units; lab 0 units
Prerequisite: PARA 019
Acceptable for credit: California State University
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.

PARA 022A PRE-TRIAL PROCEDURES
1.5 units
Lecture 1.5 units; lab 0 units
Prerequisite: PARA 022
Acceptable for credit: California State University
This course provides an in-depth and hands-on study of the pre-trial process. The course covers the discovery process, settlement, pre-trial motions, trial preparation, and case management.

PARA 022B POST TRIAL PROCEDURES
1 unit
Lecture 1 unit; lab 0 units
Acceptable for credit: California State University
This course covers post trial procedures including lien filings, attachment and collection.

PARA 023 LEGAL RESEARCH AND WRITING
2 units
Lecture 2 units; lab 0 units
Prerequisites: PARA 018 and PARA 019 and PARA 068
Acceptable for credit: California State University
This course provides an in-depth study of the skills required by the paralegal to do legal research. The primary emphasis of the course is on how to find statutes and case law applicable to a legal issue. The course also covers analytical skills needed to create a research plan and to communicate research results.

PARA 024A WRITING FOR LAW PRACTICE
1.5 units
Lecture 1.5 units; lab 0 units
Prerequisites: PARA 018 and PARA 019
Acceptable for credit: California State University
This course covers the drafting of law office communications, both hard-copy and email. Topics covered include legal memoranda, persuasive writing, in-house documents, and correspondence. The emphasis is on improving writing, editing, formatting, and communication skills.

PARA 025 LEGAL ETHICS AND PROFESSIONAL RESPONSIBILITY
1.5 units
Lecture 1.5 units; lab 0 units
Acceptable for credit: California State University
This course provides an in-depth study of the ethical rules and regulations that govern all personnel in the legal profession.

PARA 027 CORPORATE LAW
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course offers an overview of the substantive law regarding corporations and other business entities. The course also provides an introduction to the requirements for compliance with regulations of the SEC and various state agencies as well as tax issues as they relate to different business entities.

PARA 029A PARALEGAL EMPLOYMENT PREPARATION
1 unit
Lecture 1 unit; lab 0 units
Prerequisite: PARA 019
Acceptable for credit: California State University
This course focuses on job hunting techniques for obtaining paralegal employment and the skills needed to survive and thrive as a paralegal. Pass/No Pass Only.

PARA 029B PARALEGAL INTERNSHIP
2 units
Work Experience Units: 2
Prerequisites: PARA 022 and PARA 023 and PARA 025 and PARA 029A and PARA 065B
Acceptable for credit: California State University
The internship provides students with the opportunity to apply knowledge and skills learned in the program in a private or corporate office or a government agency while working under the supervision of a member of the California State Bar or a Patent Agent. This course requires 120 unpaid or 150 paid internship hours. Pass/No Pass Only.

PARA 030 BUSINESS CONTRACT LAW
1.5 units
Lecture 1.5 units; lab 0 units
Acceptable for credit: California State University
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.

PARA 032 FAMILY LAW
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course covers the law and procedure for marital dissolution, annulment, legal separation as well as custody and support disputes. Students have the opportunity to prepare various family law documents including petitions, applications and declarations.

PARA 035A PRACTICAL PROCEDURES FOR PROBATE
1.5 units
Lecture 1.5 units; lab 0 units
Acceptable for credit: California State University
This course covers the procedures and forms required to process a will through probate.

PARA 036 WILL DRAFTING AND BASIC ESTATE PLANNING
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
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.

PARA 037 INTELLECTUAL PROPERTY LAW
1.5 units
Lecture 1.5 units; lab 0 units
Acceptable for credit: California State University
This course introduces the student to the law of copyright, patent, trade mark and trade secrets. It provides an overview study of procedural and substantive laws involved in intellectual property with extended review of copyright and trade secret law.
PARA 042 CRIMINAL TRIAL TECHNIQUES FOR THE PARALEGAL  
1.5 units  
Lecture 1.5 units; lab 0 units  

Acceptable for credit: California State University  
This course provides an in-depth study of the various techniques used in the prosecution and defense of a client during a criminal procedure in the court system. This course also covers the role of the paralegal at various stages of these proceedings.

PARA 043 LAW OFFICE MANAGEMENT  
2 units  
Lecture 2 units; lab 0 units  

Acceptable for credit: California State University  
This course is designed to introduce the student to the composition of, and the functions performed in, a law office on a day-to-day basis. It includes an in-depth review of various time keeping, accounting, and records management systems. In addition, it explores the use of various types of computers and other business machines found in a law office and the different types of software that are utilized.

PARA 065B MICROSOFT WORD FOR THE LAW OFFICE  
3 units  
Lecture 3 units; lab 0 units  

Acceptable for credit: California State University  
This course covers the preparation of legal documents, such as contracts, wills, and pleadings, using Microsoft Word features that apply to the law office.

PARA 068 COMPUTER ASSISTED LEGAL RESEARCH  
1.5 units  
Lecture 1.5 unit; lab 0 units  

Advisory: PARA 019  
Acceptable for credit: California State University  
This course covers the basic skills needed to do effective legal research online using either the Internet or a fee-based legal research service, such as Westlaw or LEXIS. Pass/No Pass Only

PARA 070 EMPLOYMENT LAW  
3 units  
Lecture 3 units; lab 0 units  

Acceptable for credit: California State University  
This course introduces the student to the major substantive areas of employment law, including employment discrimination, wage and hour regulations, wrongful discharge, family and medical leave, employee privacy rights, and safety regulations.

PARA 076 IMMIGRATION AND NATURALIZATION LAW FOR PARALEGALS  
3 units  
Lecture 3 units; lab 0 units  

Acceptable for credit: California State University  
This course provides an overview of Immigration and Naturalization laws, with emphases on the history of immigration in the United States. Curriculum also covers the evolution of laws and policies towards aliens, and the interfacing of the administrative agencies responsible for enforcing the law.

PARA 077 ELDER LAW FOR PARALEGALS  
1.5 units  
Lecture 1.5 units; lab 0 units  

Acceptable for credit: California State University  
This course introduces students to the elder law issues of estate planning, Medicare, Social Security, and guardianship.

PARA 083C PATENT ADMINISTRATION FOR PARALEGALS  
3 units  
Lecture 3 units; lab 0 units  

Advisory: PARA 037  
Acceptable for credit: California State University  
The course introduces the patent administration process. It provides a step-by-step approach to the role paralegals play in the administration of patents.

PARA 090 LEGAL TECHNOLOGY  
2 units  
Lecture 2 units; lab 0 units  

Acceptable for credit: California State University  
This course provides students with hands on experience using a variety of the most widely used legal software. Pass/No Pass Option.

PARA 092 TRADEMARK PROSECUTION  
1.5 units  
Lecture 1.5 units; lab 0 units  

Acceptable for credit: California State University  
This class provides an in-depth review of the legal framework of trademarks and hands-on experience with trademark prosecution.
Park Management

THE FACULTY
Christopher Cruz
Heidi McFarland

DIVISION  The School of Professional Studies
DEAN  Renee Paquier
DEPARTMENT CONTACT  Chris Cruz
PHONE  408-741-2622
EMAIL  chris.cruz@westvalley.edu
COUNSELING  408-741-4068, 408-741-4068

Degree:
A.S., Park Management

Certificate:
Park Management

PARK MANAGEMENT

A.S. Degree

The Park Management AS degree is designed for students who have a desire to pursue a career with city, county, state, and federal parks, open space and public land management agencies. These positions include open space technicians, park rangers, park interpreters, park maintenance, game officers, park managers, park planners, natural resource managers, cultural resource managers, wildland fire fighters, and search and rescue technicians.

Students learn to apply skills working directly with parks, open space, public land agencies and non-governmental environmental organizations.

Upon completion of the Park Management AS Degree, students will be able to:

- Plan and implement backcountry overnight experiences.
- Develop plans and designs for park facilities.
- Design, develop, and complete projects in the following four areas: resources management, visitor services, maintenance, and interpretation.
- Develop GIS mapping projects and demonstrate the use of GPS.
- Use wildland fire and emergency medical response techniques.
- Plan, design, and complete a maintenance project.

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMGT 013</td>
<td>Wildland Fire Suppression</td>
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<tr>
<td>PMGT 014</td>
<td>Conservation of Our Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>PMGT 015A</td>
<td>Duties of the Park Professional</td>
<td>3</td>
</tr>
<tr>
<td>PMGT 015B</td>
<td>Natural and Cultural Resource Interpretation</td>
<td>3</td>
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<tr>
<td>PMGT 015C</td>
<td>Introduction to Park Maintenance</td>
<td>3</td>
</tr>
<tr>
<td>PMGT 017</td>
<td>Basic Horticulture for Parks</td>
<td>3</td>
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<td>PMGT 018</td>
<td>Park Planning &amp; Design</td>
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<td>PMGT 019</td>
<td>Wilderness First Responder</td>
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<td>PMGT 020A</td>
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<td>PMGT 020B</td>
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<td>PMGT 021</td>
<td>Park Operations Laboratory</td>
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<td>PMGT 010</td>
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<tr>
<td>PMGT 011</td>
<td>Park Communications</td>
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<tr>
<td>GIST 016A</td>
<td>Introduction to Geospatial Technology</td>
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Recommended Electives:

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<tr>
<td>PMGT 012A</td>
<td>Basic Outdoor Skills</td>
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<td>PMGT 012B</td>
<td>Backcountry Technical Rescue</td>
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<td>PMGT 012C</td>
<td>Advanced Outdoor Skills and Survival</td>
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<tr>
<td>PMGT 019B</td>
<td>Wilderness First Responder Refresher</td>
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<td>PMGT 023</td>
<td>Powersaws</td>
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<tr>
<td>PMGT 024</td>
<td>Wilderness Navigation</td>
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</tbody>
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Total Major Units 38-39

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

Recommended Course Sequence:

Fall, Year 1 (11-12 Units):
GIST 016A, PMGT 010, PMGT 012 or 12B

Spring, Year 1 (10 Units):
PMGT 011, PMGT 015C, PMGT 019

Winter, Year 1 (2 Units):
PMGT 013

Fall, Year 2 (7 Units):
PMGT 015A, PMGT 015B, PMGT 021

Spring, Year 2 (8 Units):
PMGT 017, PMGT 018, PMGT 020A, PMGT 020B

PARK MANAGEMENT

Certificate of Achievement

The Park Management department meets the needs of three different groups of students: the typical career-oriented college student, the professional wishing a career change and the park professional whose goal is to enhance their skills, obtain in-service training and comply with changing professional standards.

Upon completion of the Park Management Certificate of Achievement students will be able to:

- Develop and use backcountry rescue, survival and overnight travel skills.
- Develop web based geospatial mapping projects with the use of remote sensing and GPS technologies.
- Design, develop, and complete projects in the following four areas: resources management, visitor services, maintenance, and interpretation.
- Use wildland fire and emergency medical response techniques.
- Plan, design, and complete a maintenance project.
- Develop plans and designs for park facilities.

The certificate is designed for students who have a desire to pursue a career at the city, county, state or federal levels, as a park ranger, environmental education specialist, park naturalist, maintenance worker, or resource management technician.

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<td>3</td>
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<tr>
<td>Course ID</td>
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<td>Units</td>
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<tr>
<td>PMGT 015B</td>
<td>Natural and Cultural Resource Interpretation</td>
<td>3</td>
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<tr>
<td>PMGT 015C</td>
<td>Introduction to Park Maintenance</td>
<td>3</td>
</tr>
<tr>
<td>PMGT 017</td>
<td>Basic Horticulture for Parks</td>
<td>3</td>
</tr>
<tr>
<td>PMGT 018</td>
<td>Park Planning &amp; Design</td>
<td>2</td>
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<tr>
<td>PMGT 019</td>
<td>Wilderness First Responder</td>
<td>5</td>
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<tr>
<td>PMGT 020A</td>
<td>Employment Preparation</td>
<td>1</td>
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<tr>
<td>PMGT 020B</td>
<td>Internship</td>
<td>2</td>
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<tr>
<td>PMGT 021</td>
<td>Park Operations Laboratory</td>
<td>1</td>
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<tr>
<td>PMGT 012A</td>
<td>Basic Outdoor Skills OR Backcountry Technical Rescue</td>
<td>2</td>
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<tr>
<td>PMGT 019B</td>
<td>Wilderness First Responder Refresher</td>
<td>2</td>
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<tr>
<td>PMGT 023</td>
<td>Powersaws</td>
<td>1</td>
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<tr>
<td>PMGT 024</td>
<td>Wilderness Navigation</td>
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**Recommended Electives**

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<tr>
<td>PMGT 012C</td>
<td>Advanced Outdoor Skills for the Park Ranger</td>
<td>3</td>
</tr>
<tr>
<td>PMGT 013</td>
<td>WILDLAND FIRE SUPPRESSION</td>
<td>2</td>
</tr>
<tr>
<td>PMGT 014</td>
<td>CONSERVATION OF OUR NATURAL RESOURCES</td>
<td>3</td>
</tr>
<tr>
<td>PMGT 015A</td>
<td>DUTIES OF THE PARK PROFESSION</td>
<td>3</td>
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**Total Certificate Units**: 38-39

For crosswalk of new subject codes, see page 61

**Recommended Course Sequence:**

### Fall, Year 1 (11-12 Units):
- GIST 016A, PMGT 010, PMGT 014, PMGT 012A or 12B

### Spring, Year 1 (10 Units):
- PMGT 011, PMGT 015C, PMGT 019

### Spring/Winter, Year 1 (2 Units):
- PMGT 013

### Fall, Year 2 (7 Units):
- PMGT 015A, PMGT 015B, PMGT 021

### Spring, Year 2 (8 Units):
- PMGT 017, PMGT 018, PMGT 020A, PMGT 020B

**PMGT 010 INTRODUCTION TO PARK MANAGEMENT**

- 3 units
  - Lecture 3 units; lab 0 units
  - Acceptable for credit: California State University
  - This course provides an introduction to public land management and the history of environmental thought from prehistoric time to the creation of the world’s first protected public parks and forests. Throughout the 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.

**PMGT 011 PARK COMMUNICATIONS**

- 2 units
  - Lecture 2 units; lab 0 units
  - Acceptable for credit: California State University
  - This specialized course explores techniques for improving communication skills with the public, colleagues, and other agencies and organizations. Emphasis is placed on developing strong interpersonal, oral, and written communication skills within the context of natural and cultural resource agencies.

**PMGT 012A BASIC OUTDOOR SKILLS**

- 2 units
  - Lecture 1 unit; lab 1 unit
  - Acceptable for credit: California State University
  - This course introduces the student to those skills necessary to camp and backpack using environmentally sensitive methods. Other topics include equipment evaluation and use, back-country first aid and those skills necessary for the back-country traveler. Two-day and three-day backpacking trips required.

**PMGT 012B BACKCOUNTRY TECHNICAL RESCUE**

- 3 units
  - Lecture 2 units; lab 1 unit
  - Acceptable for credit: California State University
  - This course provides students the opportunity to develop basic skills necessary to rock climb and perform a basic rescue. Skills taught include how to use climbing and rescue equipment, establishing anchors, rock climbing, rappelling, and rope rescue. This course follows State Fire Marshall’s L.A.R.R.O. training curriculum with additional content relating to back-country/wilderness settings. Pass/No Pass Option.

**PMGT 012C ADVANCED OUTDOOR SKILLS AND SURVIVAL**

- 3 units
  - Lecture 2 units; lab 0 units
  - Advisory: PMGT 012A
  - Acceptable for credit: California State University
  - This course is designed to advance existing basic outdoor skills typical of those needed by public and private land stewards and backcountry travelers working or recreating in underdeveloped and remote settings. Emphasis is on self-survival skills including: shelter building, staying warm, finding water, tracking, working in adverse weather conditions, independent critical decision-making and teamwork.

**PMGT 013 WILDLAND FIRE SUPPRESSION**

- 2 units
  - Lecture 2 units; lab 0 units
  - Acceptable for credit: California State University
  - This course provides the training necessary to qualify for the federal inter-agency “RED” card for wildland firefighter. Topics covered include ignition, behavior, and spread of forest fires, influence and role of topography and fuels, philosophy behind prescribed fire, fire suppression equipment, methods of fire prevention and suppression, Incident Command System, and the national wildland fire control organizations.

**PMGT 014 CONSERVATION OF OUR NATURAL RESOURCES**

- 3 units
  - Lecture 3 units; lab 0 units
  - Acceptable for credit: California State University
  - This course emphasizes the conservation of our natural resources 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.

**PMGT 015A DUTIES OF THE PARK PROFESSIONAL**

- 3 units
  - Lecture 2 units; lab 1 unit
  - Acceptable for credit: California State University
  - This course addresses specific contemporary topics and issues pertinent to the operation and management of public and private lands. This course includes strategies for invasive species reduction, wetland and desert land management, timber harvest management, visitor use management, hazardous materials management, search and rescue management, media relations, agency liability, visitor safety and ranger safety.
**PMGT 015B NATURAL & CULTURAL RESOURCE INTERPRETATION**
3 units
Lecture 2 units; lab 1 unit

*Acceptable for credit: California State University*

This course provides students with the opportunity to increase confidence in their public speaking abilities as they explore the interpretive approach to communication. In this hands-on learning environment, students gain the knowledge and skills necessary to develop and conduct guided walks, children’s programs and campfire presentations. Students have opportunities to learn the fundamentals of creating interpretive media such as brochures, displays, and exhibits. Field trips and professional presentations provide students with exemplary interpretive experiences.

**PMGT 015C INTRODUCTION TO PARK MAINTENANCE**
3 units
Lecture 1 unit; lab 2 units

*Acceptable for credit: California State University*

This course is an introduction to park maintenance skills and management. Students have opportunities to learn basic skills in the following subjects: carpentry, plumbing, electrical, concrete, painting, and drywall construction. Other topics include selecting materials, tool use and application, project planning, and interpreting plans. Students also have opportunities to learn how to integrate safety into park maintenance operations and learn the basic principles and methods of managing a park maintenance operation.

**PMGT 017 BASIC HORTICULTURE FOR PARKS**
3 units
Lecture 3 units; lab 0 units

*Acceptable for credit: California State University*

This course is designed for students in both park management and other similar disciplines, emphasizing studies in horticulture. This course provides an overview with various aspects of the use of plants and trees in public land management. Additional topics include native plants, invasive plants, plant biology and disease, restoration and sustainable use of plants in the environment.

**PMGT 018 PARK PLANNING AND DESIGN**
2 units
Lecture 2 units; lab 0 units

*Acceptable for credit: California State University*

This course provides an introduction to park planning and design. Students have opportunities to learn about how to design facilities within a park environment. Other topics include the materials and techniques used for constructing ecologically sound facilities that fit into a specific park environment. Students also have opportunities to learn how to integrate the needs of park visitors with the natural and cultural resources of the park, and learn about environmental assessments needed to plan and design facilities in parks.
PMGT 019 WILDERNESS FIRST RESPONDER
5 units
Lecture 4.5 units; lab 0.5 units
Acceptable for credit: California State University
This course provides public land agency personnel, outdoor leaders, guides, and wilderness travelers with the opportunity to gain a thorough understanding of the basic principles of emergency medical care for both urban and wilderness environments. This certification course consists of the Federal DOT First Responder curriculum with modifications and additional protocols to meet the specific needs of emergency medical care in remote environments. Certification upon successful course completion includes WVC-PM’s “First Responder” and “Wilderness First Responder” and American Red Cross’ “CPR for the Professional Rescuer.” Pass/No Pass Option

PMGT 019B WILDERNESS FIRST RESPONDER REFRESHER
2 units
Lecture 2 units; lab 0 units
Acceptable for credit: California State University
This refresher course is intended to give students an update on changes and improvements on techniques and methodologies for the Wilderness First Responder. This course with updated standards and protocols offers students an opportunity to work and practice the most current diagnostic and treatment skills. The student must possess a valid Professional Rescuer CPR with AED certificate prior to the start of class.

PMGT 020A EMPLOYMENT PREPARATION
1 unit
Lecture 1 unit; lab 0 units
Prerequisites: PMGT 015A and PMGT 015B and PMGT 015C; OR GIST 016A and GIST 016C and GIST 016E; OR AVIA 030A and 030B and 30C and 30D.
Prerequisites PMGT 015A, 015B, 015C are required for PMGT students.
Prerequisites GIST 016A, 016C, 016E are required for Geospatial Technology students. Prerequisites AVIA 030A, 030B, 030C, 030D are required for UAS Technology students.
Acceptable for credit: California State University
This course is designed to provide students with the requisite experience in the development of resumes, background investigations, digital portfolio and interviewing skills and grant writing.

PMGT 020B INTERNSHIP
2 units
Work Experience: 2 units
Corequisite: PMGT 020A
Acceptable for credit: California State University
In this course, students apply the knowledge and skills acquired in either the Park Management or Geospatial Technology Programs. The students, supervisor, and faculty agree upon and establish objectives that students are to achieve during this practical experience in park management and geospatial technology. Students focus on the benchmarks specific to their discipline of choice. A minimum of 120 unpaid or 150 paid internship hours are required.

PMGT 021 PARK OPERATIONS LABORATORY
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: California State University
This course in park operations takes place in 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.

PMGT 023 POWERSAWS
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: California State University
This course is designed to meet training requirements to work as a powersaw operator. The cutting techniques and procedures are applicable to most geographic areas of the country. Students have the opportunity to learn powersaw mechanics and basic field maintenance, powersaw operation including brush clearing, limbing, bucking, and basic felling of small trees. Successful students may receive the S-212 Wildfire Powersaws certificate. Pass/No Pass Option

PMGT 024 WILDERNESS NAVIGATION
1 unit
Lecture 0.5 units; lab 0.5 units
Acceptable for credit: California State University
This land navigation course is intended to give the student a thorough knowledge and skills in reading and using topographic maps, using the compass, reading and interpreting terrain, and combining the information and skills to navigate in the wilderness. This course also covers the use of Global Positioning System (GPS) receivers and basic desktop computer mapping programs.

For related courses
(See Aviation)
Philosophy

THE FACULTY
Barbara Upton

DMISION Social Science
DEAN Raymond Gamba
DEPARTMENT CHAIR Andrew Kindon
PHONE 408-741-2554
EMAIL andrew.kindon@westvalley.edu
COUNSELING 408-741-2009

Degrees:
A.A.-T, Philosophy
A.A., Philosophy

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

Career Options
Philosophy courses meet general education and transfer requirements in critical thinking, humanities, and cultural diversity. See the course listings below for specific transfer information about each philosophy class.

Philosophy graduates regularly score above students in all other disciplines on for specific transfer information about each philosophy class. Because of their training in logic and clear writing, philosophy graduates are often found in the computer industry; they work as technical writers, programmers, quality assurance engineers, marketing communications specialists, and hardware designers. Because philosophers are trained to make effective arguments, philosophy is a very desirable undergraduate major for law school. Professional academic philosophers usually teach at the college level. Such positions require at least a master’s degree in philosophy; most require a doctorate (Ph.D).

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

🎓 ASSOCIATE IN ARTS IN PHILOSOPHY FOR TRANSFER DEGREE (AA-T in Philosophy)
The Associate in Arts in Philosophy for Transfer degree (AA-T in Philosophy) is a 60 unit program which provides students the lower division coursework required for transfer to a CSU institution for the major in Philosophy.

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

Students must complete the following requirements:
• 60 semester or 90 quarter CSU-transferable units
• the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern,
• a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
• obtaining of a minimum grade point average (GPA) of 2.0.
• earn a grade of C or better in all courses required for the major or area of emphasis.

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

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<thead>
<tr>
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<th>Title</th>
<th>Units</th>
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<td>PHIL 002</td>
<td>Introduction to Logic</td>
<td>3</td>
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<tr>
<td>PHIL 001</td>
<td>Introduction to Philosophy</td>
<td>3</td>
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<tr>
<td>OR</td>
<td></td>
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<tr>
<td>PHIL 003</td>
<td>Introduction to Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

List A: Select one:
Any course from Required Core not already used

| PHIL 017  | Logic & Critical Reasoning | 3     |
| PHIL 022  | Philosophy of Religion   | 3     |

List B: Select two:
Any course from List A not already used

| HIST 004A | Western Civilization I: Prehistory to 1500 CE | 3     |
| HIST 004B | Western Civilization II: 1500 CE to Present | 3     |

List C: Select one:
Any course from List A or B not already used

| PHIL 005  | Introduction to Social and Political Philosophy | 3     |

Total Major Units 18
GE Units (CSU GE or IGETC) 39 or 37
Total Degree Units 60

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

For crosswalk of new subject codes, see page 61

Recommended Course Sequence:

Fall, Year 1 (3 Units):
PHIL 002

Spring, Year 1 (3 Units):
List A: PHIL 001 or PHIL 003

Fall, Year 2 (3 Units):
List B: PHIL 017 or PHIL 022

Fall, Year 2 (3 Units):
HIST 004A

Spring, Year 2 (6 Units):
PHIL 005, HIST 004B

PHILOSOPHY
A.A. Degree

The Associate of Arts degree in Philosophy provides students with the opportunity to develop skills to think logically, critically, and philosophically and apply these skills to everyday life. In developing these abilities, students will be introduced to a wide range of philosophical topics found in the history of ideas. After earning this degree, students will have the abilities necessary to perform in-depth critical analysis and theorizing, which are desired skills in the workforce and in academia.

Upon completion of the Associate of Arts degree in Philosophy, a student will be able to do the following:
• Demonstrate clarity and rigor of thought and expression.
• Evaluate reasoning in order to develop precise and persuasive arguments and to resist faulty arguments.
• Apply philosophy’s analytical approach to people’s most basic assumptions about the world and human condition.
• Analyze the vitality and relevance of classical philosophical debates to contemporary life.
• Identify and describe characteristics of diverse multicultural traditions.

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
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<td>Introduction to Philosophy</td>
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<tr>
<td>PHIL 002</td>
<td>Introduction to Logic</td>
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<tr>
<td>PHIL 004</td>
<td>Comparative Religions</td>
<td>3</td>
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<td>OR</td>
<td>PHIL 021 World Philosophers on Death and the Good Life</td>
<td>3</td>
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<td>PHIL 005</td>
<td>Introduction to Social and Political Philosophy</td>
<td>3</td>
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<tr>
<td>PHIL 002</td>
<td>Philosophy of Religion</td>
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<td>ENGL 001A</td>
<td>English Composition</td>
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<td>PHIL 003</td>
<td>OR</td>
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<tr>
<td>PHIL 017</td>
<td>Logic &amp; Critical Reasoning</td>
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</table>

Total Major Units 21

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

Recommended Course Sequence:
Fall, Year 1 (6 Units):
ENGL 001A, PHIL 001, PHIL 002

Spring, Year 1 (6 Units):
PHIL 003 or 17, PHIL 005

Fall, Year 2 (6 Units):
PHIL 004 or 21, PHIL 022

**PHIL 001 INTRODUCTION TO PHILOSOPHY**

3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID PHIL 100

This course introduces philosophical ideas and methods concerning knowledge, reality, and values. Expected topics include the sources and limits of knowledge and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, truth, ethics, religion, science, language, beauty and art, political theory, or mind.

**PHIL 002 INTRODUCTION TO LOGIC**

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

This course introduces principles of valid reasoning with emphasis on deductive logic. The course includes a study of formal techniques of sentential logic and an examination of language, fallacies, and inductive reasoning.

**PHIL 003 INTRODUCTION TO ETHICS**

3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 001A
Acceptable for credit: University of California, California State University
C-ID PHIL 120

This course critically analyzes questions of value (what’s good and bad) and obligation (what’s right and wrong). It explores the ethical systems of Plato, Aristotle, Christianity, Kant, the utilitarians, and the intuitionists. These ethical systems are applied to contemporary ethical problems and social issues, such as abortion, capital punishment, feminism, euthanasia, animal rights, and racism. Much of the course is devoted to critical thinking and writing skills. The course requires the student to write a sequence of ethical “position papers", which are evaluated for both qualities of analysis and English composition skills.

**PHIL 004 COMPARATIVE RELIGIONS**

3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

This course is an introduction to the critical, comparative study of religion. The student is introduced to the responses offered by the major Western and non-Western religions to perennial problems of human existence. Major topics include: characterization of the religious vs the secular point of view; arguments in favor of the religious stance; arguments in opposition to the religious stance; the relationship of religion to science, ethics, and philosophy; the nature and validity of religious knowledge; the beliefs of major world religions and how these beliefs are expressed; how different religious beliefs affect the culture and history of European, Arab, and Asian peoples. The religions covered include Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam. Pass/No Pass Option

**PHIL 005 INTRODUCTION TO SOCIAL AND POLITICAL PHILOSOPHY**

3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

This course is designed to introduce the student to the major theories in political and social philosophy and their practical application to relevant issues. Topics include the rights of the individual against the rights of the state, examination of the just state, and the effects of political ideologies (liberalism, Fascism and Communism) have on social relations. This course traces the history of these ideas from Plato to the Postmodern.

**PHIL 017 LOGIC AND CRITICAL REASONING**

3 units
Lecture 3 units; lab 0 units
Prerequisite: ENGL 001A
Acceptable for credit: University of California, California State University

This course is an introduction to critical thinking and critical writing. The students have the opportunity to learn techniques of practical reasoning and argumentation, with emphasis on application of these techniques in the writing of a sequence of argumentative essays. Topics include: critical reasoning, argument analysis, recognizing propaganda and stereotypes, clarifying ambiguity, meaning and definition, evaluating evidence, logical correctness vs factual correctness, and common mistakes in reasoning (formal and informal fallacies). The class emphasizes critical writing strategies. Sample arguments from philosophy and from culturally diverse sources in other disciplines are analyzed.

**PHIL 021 WORLD PHILOSOPHERS ON DEATH AND THE GOOD LIFE**

3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University

This course explores the major philosophical questions about death and what is a meaningful life from a multi-cultural perspective. The effects of class, gender, and ethnicity on conceptions of death and death rituals are analyzed. The following issues are also explored: the possibility of disembodied existence, the nature of consciousness, the nature and significance of individuality and personal identity, concepts of reincarnation or transmigration of souls as these appear in major religious traditions, the nature and significance of so-called “paranormal” experiences, and the meaning of salvation or liberation or transcendence in major religious traditions (concepts of heaven, nirvana, moksa, satori, etc.). This course also examines what is a meaningful way to go towards one’s death, and what is the “good life” and therefore a good death. Required readings are taken from classic texts of Western and non-Western philosophy and religion, as well as contemporary American feminist philosophy, and African, aboriginal, and native American sources. Pass/No Pass Option
PHIL 022 PHILosophy OF RELIGION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
The course is designed to provide a systematic inquiry into the philosophical foundations of the religious viewpoint. The course examines the relation between faith and reason, the existence of God, the goodness of God considering human and animal suffering, religious experiences, and how religions provide answer to many fundamental questions.

Photography
(See Art)

Physical Education
(See Kinesiology)

Physical Science

THE FACULTY
Doug Epperson
Robert Lopez
Benjamin Mendelsohn
Mel Vaughn

DIVISION Science and Math
DEAN Laura Hyatt
DEPARTMENT CHAIR Doug Epperson
PHONE 408-741-4662
EMAIL Doug.Epperson@westvalley.edu
COUNSELING 408-741-2009

Learning Outcomes
After completing courses in Physical Science, a student will be able to:
• Apply scientific concepts and methods of inquiry to problems of the physical environment;
• Describe the influence of weather and climate on local and world-wide issues;
• Analyze environmental issues.

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

PSCI 010 PHYSICAL SCIENCE SURVEY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course takes the student on a tour of physics, chemistry, geology and astronomy. It introduces major theories and concepts in these four fields and shows the interconnectedness of the many branches of science. Pass/No Pass Option

PSCI 020 WEATHER AND CLIMATE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID GEOG 130
This course is an introduction to the study of the Earth’s atmosphere. The topics covered include atmospheric structure and composition, solar radiation, energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, thunderstorms and tornados, tropical cyclones, weather forecasting, California climate and weather, global climate and weather, and climate change. Pass/No Pass Option
Physics

THE FACULTY
Doug Epperson
Mel Vaughn

DIVISION Science and Math
DEAN Laura Hyatt
DEPARTMENT CHAIR Doug Epperson
PHONE 408-741-4662
EMAIL Doug.Epperson@westvalley.edu
COUNSELING 408-741-2009

Degrees:
A.S.-T, Physics
A.S., Physics, Applied Physics, Geophysics

PHYSICS, APPLIED PHYSICS, GEOPHYSICS: Transfer:
See assist.org and/or consult with a counselor.

ASSOCIATE IN SCIENCE IN PHYSICS FOR TRANSFER DEGREE (AS-T in Physics)
The Associate in Science in Physics for Transfer degree (AS-T in Physics) is a 60
unit program which provides students the lower division coursework required for
transfer to a CSU institution for the major in Physics.

Students who complete the Associate in Science in Physics for Transfer degree
(AS-T in Physics) will be able to:
- communicate orally and in writing core physical principles, the results of
  experiments, and their analysis of physical problems;
- set up an experiment, collect and analyze data, identify sources of error,
  and interpret results;
- use basic software, such as word processing, spreadsheet, and graphing
  programs;
- identify the essential aspects of a problem and formulate a strategy for solv-
  ing the problem;
- and estimate the solution to a problem, apply appropriate techniques to
  arrive at a solution, test the correctness of their solution, interpret their result
  and connect it to related areas of physics.

Students must complete the following requirements:
- 60 semester or 90 quarter CSU-transferable units
- the California State University-General Education-Breadth pattern (CSU
  GE-Breadth); OR the Intersegmental General Education Transfer Curricu-
  lum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of
  emphasis as determined by the community college district.
- a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area
  of emphasis.

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

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<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>PHYS 004A</td>
<td>Engineering Physics-Mechanics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 004B</td>
<td>Engineering Physics - Electricity and Magnetism</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 004C</td>
<td>Engineering Physics-Light, Heat and Waves</td>
<td>5</td>
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<tr>
<td>MATH 003A</td>
<td>Calculus and Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 003B</td>
<td>Calculus and Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 004A</td>
<td>Intermediate Calculus</td>
<td>5</td>
</tr>
<tr>
<td>ENGR 021</td>
<td>Intro to Computing for Scientists and Engineers</td>
<td>3</td>
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</table>

Total Major Units 37

To be awarded an A.S. Degree, a student must complete:
1. Achieve a grade of "C" or better in the major requirements.
2. Additional units to meet the college graduation requirements.
   The student should choose those general education requirements which
   may apply both toward graduation requirements of the college and toward
   the bachelor's degree requirements at the four-year institution to which he/ she
   plans to transfer.

Geophysics majors should take GEOL 001A (Physical Geology) and GEOL
001B (Historical Geology).

For crosswalk of new subject codes, see page 61

Recommended Course Sequence:
Fall, Year 1 (8 Units):
ENGR 021, MATH 003A
PHYS 004A ENGINEERING PHYSICS – MECHANICS
5 units
Lecture 4 units; lab 1 unit
Prerequisite: MATH 003A
Advisory: PHYS 001
Acceptable for credit: University of California, California State University
This is the first semester of a three-semester physics sequence, intended for students majoring in physical sciences and engineering. Mechanics is the first course in the engineering physics series. It covers vectors, kinematics, dynamics, energy, momentum, universal gravity, rotational physics, fluid dynamics, and elasticity.

PHYS 004B ENGINEERING PHYSICS – ELECTRICITY & MAGNETISM
5 units
Lecture 4 units; lab 1 unit
Prerequisites: PHYS 004A and MATH 003B
Acceptable for credit: University of California, California State University
This is the second semester of a three-semester physics sequence, intended for students majoring in physical sciences and engineering. Core topics include electrostatics (electric fields, Gauss’s Law, electric potential, capacitors and dielectric), magnetism (applications of Ampere’s Law, induction and Faraday’s Law of Induction, magnetic properties of matter), DC and AC circuits (direct current, resistance, electromotive force, alternating currents), and Maxwell’s equations.

PHYS 004C ENGINEERING PHYSICS – LIGHT, HEAT AND WAVES
5 units
Lecture 4 units; lab 1 unit
Prerequisites: PHYS 004A and MATH 003B
Acceptable for credit: University of California, California State University
This is the third semester of a three-semester physics course, intended for students majoring in physical sciences and engineering. PHYS 004C is composed of topics that, together with PHYS 004A and PHYS 004B constitute all of the topics included in the calculus based physics sequence. Topics to be studied include wave motion, heat, the first and second laws of thermodynamics, the concept of entropy, the nature and propagation of light, the laws of reflection and refraction for plane and spherical waves, interference, diffraction, and modern physics including wave-particle duality, matter waves, and special relativity. Problem solutions using calculus is emphasized.

PHYS 004D ADVANCED TOPICS IN MODERN PHYSICS
3 units
Lecture 3 units; lab 0 units
Prerequisite: PHYS 004B or PHYS 004C
Advisory: MATH 004B
Acceptable for credit: University of California, California State University
This course explores advanced topics in Modern Physics, emphasizing the fundamental principles of relativity and quantum mechanics. Topics to be covered include: Special and General Relativity, the Bohr Atom, Quantum Mechanics, Schrodinger’s Equation, the Hydrogen Atom, Nuclear Physics, Particle Physics, and Solid-State Physics and other selected topics in Modern Physics.

PHYS 010 CONCEPTUAL INTRODUCTION TO PHYSICS
4 units
Lecture 3 units; lab 1 unit
Acceptable for credit: University of California, California State University
This course takes a conceptual approach to physics. Topics include mechanics, heat, fluids, solids, waves, electricity, magnetism, light, atomic physics, nuclear physics. A lab is included with the course to experience the phenomena discussed in lecture.
Political Science

THE FACULTY
Nichola Gutierrez
Tim Kelly
Adriano Wise

DIVISION                                    Social Science
DEAN                                        Raymond Gamba
DEPARTMENT CHAIR                            Nichola Gutierrez
PHONE                                      408-741-2557
EMAIL                                       n nichola.gutierrez@westvalley.edu
COUNSELING                                 408-741-2009

Degrees:                                     
A.A.-T, Law, Public Policy and Society
A.A.-T, Political Science
A.A., Political Science

The study of political theory and practice in the United States and the rest of the world. This includes international relations, comparative governments, political philosophy and theory, with emphasis on the institutions requirement of American Government.

Career Options:                             
• Researcher/Analyst
• Political Economist
• Foreign Service Officer
• Attorney
• Lobbyist
• City Planner
• Teacher
• Administrator
• Elected Official
• Journalist
• Legislative Aide
• Political Scientist
• City Manager
• Business person
• Campaigner
• Advocate
• Community Relations Director
• Congressional Aide
• Consumer Advocate

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

📚 ASSOCIATE IN ARTS IN POLITICAL SCIENCE FOR TRANSFER DEGREE (AA-T in Political Science)

The Associate in Arts in Political Science for Transfer degree (AA-T in Political Science) is a 60 unit program which is designed to provide lower division education to students planning to transfer to a CSU institution in pursuit of a baccalaureate degree in Political Science, International Relations, Social and Behavioral Sciences, or Government.

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

Students must complete the following ADT requirements:
• 60 semester or 90 quarter CSU-transferable units
• the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
• a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
• obtainment of a minimum grade point average (GPA) of 2.0.
• earn a grade of C or better in all courses required for the major or area of emphasis.

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<thead>
<tr>
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<th>Title</th>
<th>Units</th>
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<td>3</td>
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<tr>
<td>OR</td>
<td></td>
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<tr>
<td>POLI 001H</td>
<td>Honors American Government</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>List A (Select three): 9-10 units</th>
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<tbody>
<tr>
<td>POLI 002</td>
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<tr>
<td>OR</td>
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<td>POLI 003</td>
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<tr>
<td>OR</td>
</tr>
<tr>
<td>MATH 010</td>
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<td>OR</td>
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<table>
<thead>
<tr>
<th>List B: Select two from below or any List A course not already used: 6 – 8 units</th>
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<tbody>
<tr>
<td>ADMJ 001</td>
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<td>WGQS 001</td>
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<td>HIST 017B</td>
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<tr>
<td>OR</td>
</tr>
<tr>
<td>HIST 017BH</td>
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<td>HIST 017A</td>
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<td>GEOG 006</td>
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<td>SOCI 045</td>
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<td>SOCI 020</td>
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<tr>
<td>SOCI 002</td>
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<tr>
<td>ECON 001A</td>
</tr>
<tr>
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</tr>
<tr>
<td>ECON 002A</td>
</tr>
<tr>
<td>ECON 001B</td>
</tr>
<tr>
<td>AND</td>
</tr>
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<td>ECON 002B</td>
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• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog
ASSOCIATE IN ARTS IN LAW, PUBLIC POLICY AND SOCIETY FOR TRANSFER DEGREE (AA-T in Law, Public Policy and Society)

The Associate in Arts in Law, Public Policy and Society for Transfer Degree (AA-T) is designed to provide a solid, multi-disciplinary lower-division preparation for students who intend to transfer to a California State University (CSU) for a bachelor’s degree in Political Science, Public Policy, Law, Sociology, Economics, Criminal Justice, Criminology, Global Intelligence and National Security, International Relations, Philosophy, or similar major.

Students who complete the Associate in Arts in Law, Public Policy, and Society Transfer degree (AA-T in Law, Public Policy, and Society) will be able to:

- analyze Political Science concepts and theories, evaluate diverse viewpoints related to the human experience, and articulate evidence-based arguments.

Students must complete the following requirements:

- 60 semester or 90 quarter CSU-transferable units
- the California State University-Genera Education-Breadth pattern (CSU GE-Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

Recommended Sequence:

Fall, Year 1 (example courses listed): 3 units
- ENGL 001A or 001H
- MATH 10 or MATH 10H

Spring, Year 1: 3-4 units
- Any Course from List A

Fall, Year 2: 6-7 units
- Any Course from List A
- Any Course from List A or List B

Fall, Year 2 (4 Units):
- MATH 10 or MATH 10H

Spring, Year 2: 6-7 units
- Any Course from List A
- Any Course from List B or List A

List A: Select up to Two Courses from Two of the areas listed below: (NOTE: courses must not have been used above): 6-7 units

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<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
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<tr>
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<td>Honors Principles of Microeconomics</td>
<td>3</td>
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<tr>
<td>ECON 001AH AND ECON 002AH</td>
<td>Honors Principles of Macroeconomics</td>
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</tr>
<tr>
<td>MATH 010H</td>
<td>Elementary Statistics</td>
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<td>MATH 008</td>
<td>Legal Aspects of Evidence</td>
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<td>MATH 009</td>
<td>Criminal Justice</td>
<td>3</td>
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<td>MATH 010</td>
<td>Principles of Macroeconomics Lab</td>
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<tr>
<td>ECON 001A AND ECON 002A</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001AH AND ECON 002AH</td>
<td>Honors Principles of Macroeconomics Lab</td>
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<tr>
<td>ECON 001B AND ECON 002B</td>
<td>Principles of Microeconomics Lab</td>
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<td>ECON 003</td>
<td>Legal Aspects of Evidence</td>
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<td>ECON 004</td>
<td>Criminal Justice</td>
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<td>ECON 006</td>
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</table>
The Associate of Arts degree in Political Science requires 21 core units, which will provide students with a solid foundation in Political Science. This program requires a student to complete 21 units, including 12 core course units and 9 elective course units.

After completing an A.A. degree in Political Science, a student will be able to:
- Describe the structure and functions of American government
- Explain the ideas of the great political thinkers and how those ideas apply to our democracy and to our world today
- Identify the institutions, players, and processes in American national and state governments

- Analyze the exercise of power in governmental institutions; analyze how public policy is formulated, legislated, implemented, and evaluated within our democratic framework
- Compare the U.S. political system to others in the world
- Describe the political relations among nations and the transnational relations practiced by people, organizations, and institutions across national boundaries

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<th>Course ID</th>
<th>Title</th>
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<tr>
<td>ECON 001BH</td>
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**Area 4: Political Science**

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<td>POLI 002</td>
<td>Comparative Governments</td>
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<tr>
<td>POLI 004</td>
<td>International Relations</td>
<td>3</td>
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<tr>
<td>POLI 003</td>
<td>Introduction to Political Science</td>
<td>3</td>
</tr>
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<td>OR</td>
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**Area 5: Public Policy**

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<td>SJST 001</td>
<td>Introduction to Social Justice Studies</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 002</td>
<td>Social Problems</td>
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**Area 6: Diversity**

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<th>Title</th>
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<tbody>
<tr>
<td>GEOG 002</td>
<td>Introduction to Cultural Geography</td>
<td>3</td>
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<tr>
<td>SOCI 020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 028</td>
<td>Sociology of Gender</td>
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</tr>
<tr>
<td>ANTH 003</td>
<td>Introduction to Cultural Anthropology</td>
<td>3</td>
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<td>OR</td>
<td>Honors Introduction to Cultural Anthropology</td>
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**Area 7: College Success**

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<td>COUN 005</td>
<td>College Success</td>
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</table>

**Total Major Units:** 31-32

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

**Total Degree Units:** 60

For crosswalk of new subject codes, see page 61

**Recommended Sequence:**

**Fall, Year 1: 10 units**

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<td>ENGL 001A</td>
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<td>POLI 001 or 001H</td>
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**Spring, Year 1 (example area shown): 9 units**

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<tr>
<td>Any Course from Area 1: Administrative of Justice/Criminal Justice/Criminology; ENGL 001C OR 001CH OR PHIL 002</td>
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**Fall, Year 2: 6 units**

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<td>COMM 004 OR 020 OR 001; HIST 017A OR HIST 017B OR HIST 017BH</td>
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**Spring, Year 2 (example area shown): 6-7 units**

Any Course from Area 1: Administrative of Justice/Criminal Justice/Criminology; PHIL 003

**POLITICAL SCIENCE**

**A.A. Degree**

The Associate of Arts in Political Science requires 21 core units, which will provide students with a solid foundation in Political Science. This program requires a student to complete 21 units, including 12 core course units and 9 elective course units.

After completing an A.A. degree in Political Science, a student will be able to:
- Describe the structure and functions of American government
- Explain the ideas of the great political thinkers and how those ideas apply to our democracy and to our world today
- Identify the institutions, players, and processes in American national and state governments

**Elective Courses: A minimum of 9 units**

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<td>ANTH 002</td>
<td>Introduction to Archaeology</td>
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</tr>
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<td>ANTH 003</td>
<td>Introduction to Cultural Anthropology</td>
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<td>ANTH 003H</td>
<td>Honors Introduction to Cultural Anthropology</td>
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<tr>
<td>ECON 001A</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
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<td>ECON 002A</td>
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<td>ECON 001AH</td>
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<tr>
<td>ECON 002AH</td>
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<td>ECON 001BH</td>
<td>Honors Principles of Microeconomics</td>
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<td>ECON 002BH</td>
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<td>Western Civilization I: Prehistory to 1500 CE</td>
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<td>HIST 004B</td>
<td>Western Civilization II: 1500 CE to present</td>
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<td>HIST 005A</td>
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<td>HIST 005B</td>
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<td>African American History</td>
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<td>History of the Native North Americans</td>
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<td>HIST 016</td>
<td>Mexican-American History</td>
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<td>HIST 017A</td>
<td>United States History</td>
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<td>History and Geography of California</td>
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<td>PSYC 001</td>
<td>General Psychology</td>
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<td>PSYC 001H</td>
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POL 002 COMPARATIVE GOVERNMENTS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID POLS 130
Political Science 2 explores the government and politics of some of the major world powers as well as developing nations. Structures, functions, and policies are compared with each other and with the U.S. government with particular consideration of contemporary world problems.

POL 003 INTRODUCTION TO POLITICAL SCIENCE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID POLS 150
Political Science 003 is an introduction to political theory. The course analyzes the ideological origins of nation-states from direct democracy to totalitarian forms of government.

POL 003H HONORS INTRODUCTION TO POLITICAL SCIENCE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID POLS 150
This course is an introduction to political theory analyzing the ideological origins of nation-states from direct democracy to totalitarian forms of government. Honors Introduction to Political Science uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there will be specific focus on analytical writing and exploring the field through reading primary source research.

POL 004 INTERNATIONAL RELATIONS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID POLS 140
Political Science 004 is a survey of the ways and means by which the contemporary international scene has developed. Topics such as nationalism, imperialism, war, the world economy, the environment, and developing nations are covered as students have the opportunity to gain a fuller understanding of the political, social, and economic relationships among nation-states. Particular emphasis is given to the foreign policies of the U.S. and its relationship to foreign powers.
Psychology

THE FACULTY
Jose Bautista
Brian Oliveira
Michelle D. Reed

DIVISION Social Sciences
DEAN Raymond Gamba
DEPARTMENT CHAIR Jose Bautista
PHONE 408-741-2492
EMAIL jose.bautista@westvalley.edu
COUNSELING 408-741-2009

Degrees:
A.A.-T, Psychology
A.A., Psychology

Psychology is the scientific study of human and non-human behavior as well as the neurophysiological mechanisms that underlie sensations, perceptions, emotions, motivation, memory, cognitive, and motor functions constituting our mental processes and higher states of consciousness. Psychologists are concerned with the human experience relative to culture, ethnicity, work, health, development, and psychopathology. The field involves both pure science and practical application to matters of everyday life. Those who pursue one of psychology’s 55 sub-fields, as identified by the American Psychological Association, will find a wonderful variety of career options with the common goal of improving human life and understanding as well as the world in which we live.

Highlights
- Exemplary instructional staff, with many years of experience, representing different specializations and areas of interest
- A wide range of course offerings: Psychology of Addiction and Substance Abuse, Life-Span Developmental Psychology, Physiological Psychology, Psychology of Women, Experimental Psychophysiology, Social Psychology, and Abnormal Psychology
- Transferable courses to the CSU and UC systems, as well as numerous private universities

Career Options
- Research Psychologist
- Forensic Psychologist
- Neuropsychologist
- Child Psychologist
- School Psychologist
- Clinical Psychologist (Ph. D.; Psy. Doc.)
- College Professor
- Counseling Psychologist
- Developmental Psychologist
- Educational Psychologist
- Health Psychologist
- Industrial/Organizational Psychologist
- Psychometrician
- Research Psychologist
- Sports Psychologist

Related Fields
- Behavior Analyst
- Child Development Specialist
- Educational Therapist
- Human Services Specialist
- Marketing Specialist
- Marriage & Family Counselor
- Nurse Practitioner (LVN: RN)
- Personnel Analyst
- Probation Officer
- Psychiatric Technician/Aide
- Public Survey
- Social Service Counselor
- Sociologist
- Ward Attendant
- Youth Supervisor

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

PSYCHOLOGY: For transfer information see assist.org and/or consult with a counselor.
For information on Associate in Arts for Transfer or Associate in Science for Transfer degrees, please go to westvalley.edu/catalog/.

🎓 ASSOCIATE IN ARTS IN PSYCHOLOGY FOR TRANSFER DEGREE (AA-T in Psychology)
The Associate in Arts in Psychology for Transfer is a 60 unit program which provides lower division education to students planning to transfer to a local CSU with a similar major and major in Psychology.

Students completing the program will be able to:
- apply the scientific method and critical thinking skills to formulate valid hypotheses, operationally define constructs, and evaluate claims;
- analyze data by selecting the appropriate methods, accurately evaluate and interpret the results, and communicate the results including the proper use of tables and graphs;
- describe the major concepts, theoretical findings, and historical trends in psychology;
- explain how psychosocial factors influence behavior and attitudes, and recognize the complexity of sociocultural and international diversity;
- describe the anatomy and function of the major components of the nervous system, and the physiological basis of neuronal communication, including how drugs, stress, nutrition, interpersonal attraction, and other exogenous factors affect the function of the individual;
- and specify how psychological principles are applied to real-life situations in business, industry, child-rearing, and social interaction.

Students must complete the following requirements:
- 60 semester or 90 quarter CSU-transferable units
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

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<tr>
<td>PSYC 001</td>
<td>General Psychology</td>
<td>3</td>
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<tr>
<td>PSYC 002</td>
<td>Experimental Psychophysiology</td>
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<tr>
<td>OR PSYC 002H</td>
<td>Honors Experimental Psychophysiology</td>
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<tr>
<td>MATH 010</td>
<td>Elementary Statistics</td>
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<td>BIOL 010</td>
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<td>Introduction to Biology Lab</td>
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<td>Human Biology</td>
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<td>Physiological Psychology</td>
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<td>List B: 3 or 4 units from below or from List A not already used</td>
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<tr>
<td>PSYC 012</td>
<td>Human Growth and Development</td>
<td>3</td>
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<tr>
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<tr>
<td>PSYC 009</td>
<td>Psychology of Women: A Multicultural</td>
<td>3</td>
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<tr>
<td>Perspective</td>
<td></td>
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<tr>
<td>PSYC 017</td>
<td>Introduction to Social Psychology</td>
<td>3</td>
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• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• The catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
**PSYCHOLOGY**

**A.A. Degree**

The Associate in Arts in Psychology program provides lower division education to students planning to transfer to four-year institutions and major in Psychology or for those students desiring foundational knowledge in Psychology. Students may also be prepared for entry level positions in related occupations. Students completing the program should be able to describe the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology; apply the scientific method and critical thinking skills to formulate valid hypotheses, operationally define constructs, and evaluate claims; analyze data by selecting the appropriate methods, accurately evaluate and interpret the results, and communicate the results including the proper use of tables and graphs; describe the anatomy and function of the major components of the nervous system, and the physiological basis of neuronal communication, including how drugs, stress, nutrition, interpersonal attraction and other exogenous factors affect the function of the nervous system, specify how psychological principles are applied to real-life situations in business, industry, child rearing, and social interactions; and explain how psychosocial factors influence behavior and attitudes, and recognize the complexity of sociocultural and international diversity.

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

- Describe the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.
- Specify how psychological principles are applied to real-life situations in business, industry, child rearing, and social interactions.
- Describe the anatomy and function of the major components of the nervous system, and the physiological basis of neuronal communication, including how drugs, stress, nutrition, interpersonal attraction and other exogenous factors affect the function of the nervous system;
- Explain how psychosocial factors influence behavior and attitudes, and recognize the complexity of sociocultural and international diversity.
- Analyze data by selecting the appropriate methods, accurately evaluate and interpret the results, and communicate the results including the proper use of tables and graphs;
- Apply the scientific method and critical thinking skills to formulate valid hypotheses, operationally define constructs, and evaluate claims.

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<td>PSYC 002</td>
<td>Experimental Psychophysiology</td>
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</thead>
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<td>PSYC 0025</td>
<td>Introduction to Abnormal Psychology</td>
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<tr>
<td>PSYC 030</td>
<td>Psychology of Addiction and Substance Abuse</td>
<td>3</td>
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Total Major Units: 20-22

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

Total Degree Units: 60

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

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

For crosswalk of new subject codes, see page 61

**Recommended Course Sequence:**

**Fall, Year 1: 7 units**

PSYC 001; MATH 010 OR 010H

**Spring, Year 1: 6 units**

Any Course from List C, Any Course from List A

**Fall, Year 2: 4 units**

PSYC 002 OR 002H

**Spring, Year 2: 3 units**

Any Course from List B

**PSYC 001 GENERAL PSYCHOLOGY**

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

C-ID PSY 110

This course introduces students to general psychology as a behavioral science with an emphasis on the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories and concepts, methods, and research findings in psychology.

**PSYC 001H HONORS GENERAL PSYCHOLOGY**

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

C-ID PSY 110

Honors General Psychology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. As an honors course, there will be an added focus on analytical writing regarding various subsections of the field through reading primary source research. This course introduces students to general psychology as a behavioral science with an emphasis on the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories, concepts, methods, and research findings in psychology, including the biological bases of behavior, perception, cognition, consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders as well as therapeutic approaches and applied psychology.
PSYC 002 EXPERIMENTAL PSYCHOPHYSIOLOGY
4 units
Lecture 3 units; lab 1 unit
Prerequisites: PSYC 001 and MATH 010
Acceptable for credit: University of California, California State University
C-ID PSY 205B
This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology are examined through a review of research from a variety of the subdisciplines in psychology. In the laboratory students have the opportunity to conduct experimental and non-experimental research in a variety of areas. Data collected from research conducted during laboratory sessions are analyzed with statistical software. In addition, a computerized psychophysiology laboratory is used to introduce students to experiments in which one variable is physiological and the primary focus and theoretical context is behavioral.

PSYC 002H HONORS EXPERIMENTAL PSYCHOPHYSIOLOGY
4 units
Lecture 3 units; lab 1 unit
Prerequisites: PSYC 001 and MATH 010 or MATH 010H
Acceptable for credit: University of California, California State University
C-ID PSY 205B
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.

PSYC 007 PHYSIOLOGICAL PSYCHOLOGY
3 units
Lecture 3 units; lab 0 units
Prerequisite: PSYC 001
Acceptable for credit: University of California, California State University
C-ID PSY 150
This course provides an introduction to the scientific study of the physiological substrates of behavior and its fundamental role in the neurosciences. Among the areas covered are physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders.

PSYC 008 SPECIAL TOPICS IN PSYCHOLOGY
0.5-1 unit
Lecture 0.5-1 unit; lab 0 units
Acceptable for credit: California State University
This is a seminar style course emphasizing student discussion as well as lecture that explores selected topics in psychology in depth. It is designed for both psychology majors and the community at large. This course helps students understand many of the various options/possibilities in the field of psychology. Topics may include gender, history of psychology, aging, and positive psychology. Pass/No Pass Option
PSYC 009 PSYCHOLOGY OF WOMEN: A MULTICULTURAL PERSPECTIVE
3 units
Lecture 3 units; lab 0 units
Advisory: PSYC 001
Acceptable for credit: University of California, California State University
The course introduces the student to the sex-role development of women in terms of the biosocial and cultural factors involved in intellectual and personal-emotional functions. Examinations of psychological research and theory focus on multicultural factors, that is gender as it relates to race, class, culture and ethnicity in United States society. (Satisfies the Cultural Diversity requirement for the Associate Degree). Pass/No Pass Option

PSYC 012 HUMAN GROWTH & DEVELOPMENT
3 units
Lecture 3 units; lab 0 units
Advisory: PSYC 001
Acceptable for credit: University of California, California State University C-ID PSY 180
This course is an introduction to the psychological, physiological, cultural and other environmental forces affecting human growth and development. Emphasis is placed on normal psychological development as a basis for understanding deviant behavior both within and across cultures. Theoretical models and research into the development of cognitive, perceptual, physical, personality and emotional abilities and disabilities will be presented and discussed.

PSYC 017 INTRODUCTION TO SOCIAL PSYCHOLOGY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University C-ID PSY 170
This course is an introduction to the field of social psychology which examines the factors that shape the actions and thoughts of individual human beings in social settings. Specifically, the course covers how people think about, influence, and relate to one another, how we construct our social reality via cognitive processes, and how personal attitudes, dispositions, and situational variables, shape our behavior.

PSYC 025 INTRODUCTION TO ABNORMAL PSYCHOLOGY
3 units
Lecture 3 units; lab 0 units
Prerequisite: PSYC 001
Acceptable for credit: University of California, California State University C-ID PSY 120
This course introduces the scientific study of psychopathology and atypical behaviors. 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

PSYC 030 PSYCHOLOGY OF ADDICTION AND SUBSTANCE ABUSE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is an introduction to the physiological, psychological, and social processes of addiction and how they relate to the abuse of legal and illegal substances. Pass/No Pass Option

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Reading

THE FACULTY
Whitney Clay
Michelle Francis

DIVISION Language Arts
DEAN Jennifer Johnson
DEPARTMENT CHAIR Sylvia Ortega
PHONE 408-741-2465
EMAIL sylvia.ortega@westvalley.edu
COUNSELING 408-741-2009

Learning Outcomes
After completing courses in Reading, a student will be able to:
• Demonstrate literal comprehension of readings at the appropriate course level;
• Analyze and evaluate readings at the appropriate course level;
• Monitor positive and negative comprehension signals and apply appropriate strategies to correct incomplete comprehension.

READ 053 CRITICAL AND EFFICIENT READING
3 units
Lecture 3 units; lab 0 units
Prerequisite: READ 961 or LRSV 942
Acceptable for credit: California State University
This course offers the opportunity to develop and apply critical reading and thinking necessary for college-level text and to increase reading efficiency and enjoyment of recreational reading. Primary emphasis is on critical reading, logical reasoning, reflective judgment, and problem-solving skills that contribute to the ability to analyze, evaluate, and interpret college-level text and to advocate ideas. Satisfactory completion of this course can meet the West Valley College Reading Proficiency graduation requirement.

READ 960 READING FUNDAMENTALS
3 units
Lecture 3 units; lab 0 units
This course is designed to improve vocabulary and reading comprehension to prepare students to function at the college level and in the workforce. Pass/No Pass Option

READ 961 EFFECTIVE READING
3 units
Lecture 3 units; lab 0 units
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

Real Estate
(See Business Administration/Real Estate)

Russian
(See World Languages)

Sales
(See Marketing and Sales)

Sign Language
(See World Languages)

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• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
Social Justice Studies

THE FACULTY
Leigh Burrill
Rebecca Cisneros-Diaz
Dulce Gray
Julie Maia
Melvin Pritchard
Danielle Shaw

Degree:
A.A.-T, Social Justice Studies

ASSOCIATE IN ARTS IN SOCIAL JUSTICE STUDIES FOR TRANSFER DEGREE (AA-T in Social Justice Studies)

The Associate in Arts in Social Justice Studies for Transfer degree (AA-T) is a 60 unit program which provides students with a pathway for turning their passion for change, human rights, and the ideals of justice into an interdisciplinary focus area of study for transfer. The program gives students choices in their coursework, so that each individual can focus on the issues or areas that most appeal to them within the framework of social justice coursework that includes themes of race ethnicity, socioeconomic class, sex identity, culture and diversity, gender, and sexuality. This interdisciplinary program will prepare students for a workplace and world where awareness of inequality, microaggressions as well as systemic marginalization and discrimination, and a capacity to understand and address social responsibility, have become globally interconnected. The Social Justice Studies for Transfer degree (AA-T) provides students the lower division coursework required for transfer to a CSU institution for the major in a variety of interdisciplinary or traditional disciplines, such as Ethnic Studies, Women and Gender Studies, Justice Studies, Sociology, or English.

Students completing the Associate in Arts in Social Justice Studies for Transfer degree (AA-T) will be able to:
- from various disciplinary perspectives, recognize, analyze, research, promote awareness and write about:
  a. Intersecting systems of oppression; the dynamics of power and privilege; prejudice and discrimination;
  b. Theories and practices of social change; resistance and empowerment; movements and activism;
  c. Specific manifestations of oppression such as ableism, classism, ethnocentrism, heterosexism, racism, sexism; the systems, dynamics, and interpersonal as well as institutional power structures that keep these oppressions in place;
  d. Social, cultural, and historical contexts for movements such as civil, women’s, disability, and LGBTQ rights as well as movements for several specific marginalized communities and peoples of color;
  e. Gender and gender identity issues and group affiliations, in various historical eras and global communities;
  f. Social justice strategies such as dialogue across differences, alliance building, collaboration, and/or advocacy.

Social Justice Studies emerged out of historical and ongoing social progress movements such as the Labor, Civil Rights, Disability Rights, LGBTQ, and Women’s Liberation movements. Students explore interconnected systems of discrimination and oppression, including institutional, relational, cultural, and socioeconomic racism, sexism, ableism, classism, heterosexism, and cisgenderism. Social Justice scholarship locates intersectional identities of race, class, sex, ability, gender, sexuality, religion, culture, and nation, to explore inequities and identify systems of oppression and advantage that exist as a result of marginalization, cultural supremacy/insensitivity, and/or violence. The goal of the program is not to engender a singular approach to social justice issues but rather to present students with a dynamic academic framework for thinking creatively and pragmatically about contemporary social issues.

Areas of scholarship that inform social justice include education; anthropology; race and ethnic studies; cognitive developmental and social psychology; gay, lesbian bisexual, transgender and queer studies; history; literature; Queer Theory; Judaic and Middle Eastern studies; sociology, and women, gender, and sexuality studies.

The Social Justice Studies transfer degree offers students the opportunity to prepare for rewarding work, such as with government agencies, colleges and universities, consulting firms, research institutes, corporations, domestic and international non-governmental or community or environmental organizations, human rights organizations, the United Nations, and international development organizations, or in journalism, writing, or social work.

Students must complete the following requirements:
- 60 semester or 90 quarter CSU-transferable units
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

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

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<td>SOC 020</td>
<td>Sociology of Race and Ethnicity</td>
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Select one course from the following:
- WGS 001 Introduction to Women’s Studies | 4 |
- WGS 003 Introduction to Gender Studies | 3 |
- SOC 028 Sociology of Gender | 3 |

Any required core course from above not already used or one of the following:
- ART 007 The Art of Asia | 3 |
- ART 001J Survey of Non-Western Art: Africa, Oceania, and Indigenous North Americas | 3 |
- WGS 001 Introduction to Women’s Studies | 4 |
- ENGL 012 African-American Literature | 3 |
- ENGL 018 Asian American Literature | 3 |
- HIST 005B World History from 1500 | 3 |
- HUMAN 001B Human Values in and from the Arts | 3 |
- PHIL 001 Introduction to Philosophy | 3 |
- PSYCH 001 General Psychology | 3 |
- SOC 001 Introduction to Sociology | 3 |
- FRNCH 001A Beginning French | 5 |
- JPN 001A Beginning Japanese | 5 |
- RUSS 001A Beginning Russian | 5 |
- SPAN 001A Beginning Spanish | 5 |

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

Area 1: History or Government
- HIST 012 African American History | 3 |
- HIST 014 History of the Native North American | 3 |
- HIST 016 Mexican-American History | 3 |

Area 2: Arts and Humanities
- ART 007 The Art of Asia | 3 |
- ART 010 American Art: A Multicultural Approach | 3 |

• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog
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<td>ART 014</td>
<td>Women in Art History</td>
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<tr>
<td>WGS 002</td>
<td>Women in the Arts: Multicultural Perspectives</td>
<td>3</td>
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<tr>
<td>WGS 003</td>
<td>Introduction to Gender Studies</td>
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<tr>
<td>WGS 004A</td>
<td>Women in World Cultures from Prehistory to 1500 CE</td>
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### Area 3: Social Science
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<td>Honors Introduction to Cultural Anthropology</td>
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<tr>
<td>GEOG 002</td>
<td>Intro Cultural Geography</td>
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<td>SOC 028</td>
<td>Sociology of Gender</td>
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<tr>
<td>POLIT 003</td>
<td>Introduction to Political Science</td>
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<tr>
<td>ECON 001A</td>
<td>Principles of Macroeconomics</td>
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<td>Principles of Microeconomics</td>
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### Area 4: Quantitative Reasoning and Research Methods
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<td>PSYCH 002</td>
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### Area 5: Major Preparation
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<tr>
<td>ART 001J</td>
<td>Survey of Non-Western Art: Africa, Oceania, and Indigenous North Americas</td>
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<td>WGS 001</td>
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<tr>
<td>HUMAN 001B</td>
<td>Human Values in and from the Arts</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 001</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 001</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 001</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>FRNCH 001A</td>
<td>Beginning French</td>
<td>5</td>
</tr>
<tr>
<td>JPNS 001A</td>
<td>Beginning Japanese</td>
<td>5</td>
</tr>
<tr>
<td>RUSS 001A</td>
<td>Beginning Russian</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 001A</td>
<td>Beginning Spanish</td>
<td>5</td>
</tr>
</tbody>
</table>

### Elective Courses
**Any term (9 Units):**
Choose from list of courses

**SJST 001**

**INTRODUCTION TO SOCIAL JUSTICE STUDIES**
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID SJS 110

This course is an inter-disciplinary study of race, class, gender, and ethnicity, in the United States. In this course, students have the opportunity to examine social justice movements, particularly in relation to ethnic and racial groups in the United States to provide a basis for a better understanding of the socio-economic, cultural, and political conditions among key social groups. Additional course themes include labor movement, environmental justice, colonialism/imperialism, social activism, and feminist ideology.

### For Related Courses
(See Women and Gender Studies)
# Sociology

## THE FACULTY
- Jennifer Ho
- Tom DeDen

## DEPARTMENT CHAIR
- Nichola Gutierrez

## PHONE
- 408-741-2557

## EMAIL
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## DEAN
- Raymond Gamba

## Counseling
- Nichola Gutierrez
- 408-741-2009

## Degrees:
- A.A.-T, Sociology
- A.A., Sociology

## SOCIology: Transfer:
See assist.org and/or consult with a counselor.

## ASSOCIATE IN ARTS IN SOCIology FOR TRANSFER DEGREE (AA-T in Sociology)

The Associate in Arts in Sociology for Transfer is a 60 unit program which provides lower division education to students planning to transfer to a CSU and major in Sociology.

Students completing the program will be able to:
- analyze the major dimensions of the diversity of human social experiences using scientific discourse,
- identify and distinguish various major theoretical perspectives within sociology and how these differ from other social science disciplines,
- and evaluate social science research methodologies and apply empirical research to human behavior.

Students must complete the following requirements:
- 60 semester or 90 quarter CSU-transferable units
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis

Students must complete the following requirements:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 001</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 002</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>MATH 010</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td>MATH 010H Honors Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>SOCI 003</td>
<td>Social Psychology: A Sociological Perspective</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 040</td>
<td>Marriage and Family Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 028</td>
<td>Sociology of Gender</td>
<td>3</td>
</tr>
<tr>
<td>List A:</td>
<td>Any two of the following courses: 6 units</td>
<td></td>
</tr>
<tr>
<td>List B:</td>
<td>Any 1 of the following courses or any course not used above: 3 units</td>
<td></td>
</tr>
</tbody>
</table>

## Course ID
- SOCI 045 Sociology of Human Sexuality 3

## Total Major Units: 19

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

## Total Degree Units: 60

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

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

For crosswalk of new subject codes, see page 61

**Recommended Course Sequence:**

- **Fall, Year 1 (example course listed): 6 units**
  - SOCI 001;
  - SOCI 003 OR 020 OR 040 OR 028

- **Spring, Year 1: 7 units**
  - SOCI 002;
  - MATH 010 OR 01OH

- **Fall, Year 2: 3 units**
  - SOCI 003 OR 020 OR 028 OR 040

- **Spring, Year 2: 3 units**
  - SOCI 028 OR 045 OR 003 OR 020 OR 040

## SOCIOLOGY

### A.A. Degree

A student obtaining an A.A. degree in Sociology will be able to:
- identify and distinguish various major theoretical perspectives within sociology and how these differ from other social science disciplines,
- evaluate social science research methodologies and apply empirical research to human behavior.

After completing an A.A. degree in Sociology, students will be able to:
- analyze the major dimensions of the diversity of human social experiences using scientific discourse,
- identify and distinguish various major theoretical perspectives within sociology and how these differ from other social science disciplines.
- evaluate social science research methodologies and apply empirical research to human behavior.

The Sociology Program at West Valley College is primarily transfer oriented. It prepares students to enter 4-year Sociology or any Sociology-related program at the university level.

This program requires a student to complete a minimum of 21 units, including 18 Sociology course units and a minimum of 3 elective course units.

## Course ID
- SOCI 001 Introduction to Sociology 3
- SOCI 002 Social Problems 3

## Elective Courses: Complete a minimum of 3 units
- ANTH 003 Introduction to Cultural Anthropology 3
- ANTH 003H Honors Introduction to Cultural Anthropology 3
- GEOG 002 Introduction to Cultural Geography 3
- MATH 010 Elementary Statistics 4
- MATH 010H Honors Elementary Statistics 4
- PSYC 001 General Psychology 3
- PSYC 001H Honors General Psychology 3

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- ADVISORY is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog.
### Sociology Courses (Complete 12 units)

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 001A AND ECON 002A</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001AH AND ECON 002AH</td>
<td>Honors Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001B AND ECON 002B</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 001BH AND ECON 002BH</td>
<td>Honors Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 003</td>
<td>Social Psychology: A Sociological Perspective</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 020</td>
<td>Sociology of Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 028</td>
<td>Sociology of Gender</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 040</td>
<td>Marriage and Family Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 045</td>
<td>Sociology of Human Sexuality</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units:** 21-22

To be awarded an A.A. degree, a student must complete:

1. All the major requirements.
2. Additional units to meet the college graduation requirements.

For crosswalk of new subject codes, see page 61

**Recommended Sequence:**

- **Fall, Year 1:** 6 units
  - SOCI 001; SOCI 003 or 020 or 028 or 040 or 045

- **Spring, Year 1:** 6-7 units
  - SOCI 002; Any Course from Elective Courses

- **Fall, Year 2:** 3 units
  - SOCI 003 or 020 or 028 or 040 or 045

- **Spring, Year 2:** 6 units
  - Any Courses from Sociology Courses

### SOCI 001 INTRODUCTION TO SOCIOLOGY

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

C-ID SOCI 110

This course is an introduction to the field of sociology as a scientific discipline, emphasizes on global studies, cross-cultural analysis, and American cultural diversity in terms of cultural heritage and national origin, race/color/ethnicity, social class, gender/sexuality/women's studies, family structure, age, ability, religion, language, and sensitivity to all other forms of social and cultural diversity; examination of human societies from various sociological perspectives; analysis of the relationship between personality development and the sociocultural environment; the comparative presentation of social institutions and possible influences on behavior. Pass/No Pass Option

### SOCI 002 SOCIAL PROBLEMS

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

C-ID SOCI 115

This social problems course identifies and analyzes contemporary social problems, with emphases on the U.S., cross-cultural comparisons, and globally. The course focuses on the role of power and ideology in the definition of social problems, identifying the causes of various social problems and consequences, and evaluating proposed solutions. The course provides a comprehensive overview in current events, policy debates, and emerging social trends. Pass/No Pass Option

### SOCI 002H HONORS SOCIAL PROBLEMS

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: California State University

As an honors course, the course focuses on critically analyzing sociological literature and research specific sociological topics, identifies and analyzes contemporary social problems, with emphases on the U.S., cross-cultural comparisons, and globally. The course focuses on the role of power and ideology in the definition of social problems, identifying the causes of various social problems and consequences, and evaluating proposed solutions. The course provides a comprehensive overview in current events, policy debates, and emerging social trends. This honors course emphasizes on analytical writing and exploring the field through reading primary sociological research.

### SOCI 003 SOCIAL PSYCHOLOGY: A SOCIOLOGICAL PERSPECTIVE

3 units

Lecture 3 units; lab 0 units

Acceptable for credit: University of California, California State University

C-ID PSY 170

This course considers how human interactions, social situations and other social environment factors impact individual human behavior, thoughts, feelings and the dynamics of groups. The power of the situation, other individuals, and the social group are examined. Students are encouraged to practice applying insights to social problems and day-to-day issues in their own lives. Emphasized topics include impression formation and management, self as socially constructed product of society, aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude change, conformity, group phenomena, gender roles, cultural norms, person perception, and social cognition. Pass/No Pass Option

### SOCI 012 INTRODUCTION TO RESEARCH METHODS

3 units

Lecture 3 units; lab 0 units

Prerequisite: SOCI 001

Acceptable for credit: California State University

This research methods course examines fundamental elements of empirical research and the ways in which sociologists and social scientists gather, evaluate, and critique social data. The course goes into detail about the roles of theories, hypotheses, variables, and ethics of research. The course also focuses on the application of qualitative and quantitative analytic tools including logic and research design, such as survey, observational, experimental, case study, and comparative historical research and basic statistical analysis. Computer statistical applications is required for the course. Pass/No Pass Option

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**Notes:**

- **PREREQUISITES AND COREQUISITES are MANDATORY.** See page 5 for specific information.
- **Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.**
SOCI 020 SOCIOLOGY OF RACE AND ETHNICITY  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
C-ID SOCI 140  
This course analyzes race and ethnicity by addressing global dynamics, cross-cultural comparisons, and U.S. minorities. The course focuses on social interactional patterns and social structures, including economic, political, educational, religious, and other social institutions – that support or challenge racism, stratification, and inequality across the U.S. and globally. The course assists students to promote racial harmony and solutions to address racial/ethnic inequality. Pass/No Pass Option

SOCI 028 SOCIOLOGY OF GENDER  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
C-ID SOCI 140  
The course pursues sociological analyses of the social construction of masculinity and femininity cross-culturally. It examines the debates on gender. It analyzes the impact of social, economic, and political changes on gender expectations and practices. It focuses macro-analyses of how institutions shape gender and micro-analyses of how individuals are socialized and how they “do” and practice gender. Pass/No Pass Option

SOCI 040 MARRIAGE AND FAMILY SOCIOLOGY  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
C-ID SOCI 140  
This course addresses empirical sociological analysis of family, marriage, dating, and mate selection. Historical changes are compared with the more recent trends in family form, problems, size, and sociological functions. Pass/No Pass Option

SOCI 045 SOCIOLOGY OF HUMAN SEXUALITY  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
C-ID PSY 130  
The course examines the interplay of the sociological/ sociocultural perspective with psychological, biological, historical, technological, and other factors in human sexuality. Current sex norms, trends and various aspects of interpersonal and individual sexual adjustment are explored as they relate to larger social structures, institutions and processes. Pass/No Pass Option

Spanish  
(See World Languages)

Speech Communication  
(See Communication Studies)

Student Success

SUCCESS CENTER  
COORDINATOR  
Jennifer Wagner

PHONE  
408-741-2615

EMAIL  
jennifer.wagner@westvalley.edu

ISTU 040 TUTOR TRAINING  
0.5 units  
Lecture 0.5 units; lab 0 units  
Prerequisite: ISTU 040  
Corequisites: ISTU 040  
Advisory: ENGL 905, ENGL 905X  
This course is designed to train students to be peer tutors and to develop skills that are useful in other professional, personal, and academic settings as well. Topics include communication styles and skills, facilitative tutoring techniques, effective study skills, differentiated learning strategies, multiple intelligences, test-taking and problem-solving skills, FERPA guidelines, tutoring ethics, conflict-resolution strategies, emotional intelligence, 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

ISTU 040E TUTOR TRAINING-ENGLISH  
0.5 units  
Lecture 0.5 units; lab 0 units  
Prerequisite: ISTU 040, or  
Corequisites: ISTU 040  
Advisory: ENGL 905, ENGL 905X  
This course is designed to train students to be peer writing tutors and to develop skills that are useful in other professional, personal, and academic settings as well. Topics include communication skills, tutoring at all stages of the writing process, study skills, addressing the needs of specific student populations and various learner types, essay exam strategies, problem-solving skills, high and low order revision priorities, identifying and addressing grammar patterns, research strategies, proper documentation, and respecting a writer’s authentic 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

LRSV 110 SUPERVISED TUTORING  
0 units  
Limitations on Enrollment: Student must be enrolled in the class in which tutoring is sought.  
Under direction of a certificated supervisor in the Success Center, students receive tutorial assistance from peer tutors in areas of identified academic need while learning appropriate study skills to develop their ability to learn independently and become more successful students.

LRSV 110M SUPERVISED TUTORING - MATH  
0 units  
Corequisite: Student must be enrolled in the class in which tutoring is sought.  
Students are assigned to tutoring by a counselor or instructor based on an identified learning need and register in the tutoring course. Under direction of a certificated supervisor in a tutorial Lab, students receive tutorial assistance from peer tutors in areas of identified academic need and appropriate study skills. Students have the opportunity to develop their ability to learn independently and to become a more successful student.

STSC 100 INTRODUCTION TO LEADERSHIP  
3 units  
Lecture 3 units; lab 0 units  
Acceptable for credit: University of California, California State University  
This course explores concepts of leadership theory with direct applications for leading organizations and creating positive social change. The intent of the course is to provide students with a foundational understanding of the knowledge and skills needed to be an effective leader. This course utilizes experiential activities and group projects as a primary method for applying theories and concepts to the everyday practice of leadership. In this course, leadership is understood primarily as a function of personal development with the intention to create transformational change in one’s community. Pass/No Pass Option
The Theatre Arts Department provides a comprehensive program of theatre/film analysis and theory, acting, design and theatre technology, and film/video production. Its primary goal is to develop student creativity and skills, supported by sound background in analysis, literature, and aesthetics. In an environment that encourages self-expression, each student has opportunities to participate in various Theatre Arts specialties: film/theatre analysis, film/video production, acting, costume/makeup, and stage technology. Students have the opportunity to perform regularly in the college’s two performance facilities. Students are prepared to transfer to four-year institutions and conservatories or to pursue career options, described below.

### Highlights
- Renovated 400 seat proscenium theatre
- Renovated 100 seat chamber theatre
- Television Studio
- Fine Arts computer lab
- Courses offered in online format
- Hands-on performance experience with state-of-the-art equipment
- Learning opportunities with professional artists

### Career Options
- Actor
- Corporate Officer
- Costume Designer
- Costume Technician
- Director
- Drama Teacher/Professor
- Filmmaker
- Lawyer
- Non-Profit Manager
- Performing Arts Fundraiser
- Sales Manager
- Set/Lighting Designer
- Special Events Planner
- Stage Manager
- Theatre Manager
- Theatre Technician
- Theme Park Technician
- Video/Media Technician

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

### THEATRE ARTS: Transfer:
See assist.org and/or consult with a counselor.

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### ASSOCIATE IN ARTS IN FILM, TELEVISION, AND ELECTRONIC MEDIA FOR TRANSFER DEGREE

**A.A-T in Film, Television, and Electronic Media**

The Associate in Arts in Film, Television, and Electronic Media for Transfer is a 60 unit program which provides students the lower division coursework required for transfer to a four year institution for the major in Radio-Television-Film, Television-Film, Television, Video, Film, and Electronic Arts.

Students who complete this program will be able to:
- analyze cinema as a literary form and cinema as entertainment by comparing film genres and cinematic techniques;
- demonstrate both the technical and aesthetic aspects of film and digital cinema production and demonstrate knowledge of basic production techniques;
- prepare and develop a short treatment and screenplay for a narrative film; demonstrate an understanding of audio used in studio and on-location production for radio, television and film;
- create and edit a short film which requires the organization of a work schedule, an analysis of raw footage, and a digital editing plan; and demonstrate knowledge of Film/TV production best practices, professional behavior and accountability.

Students must complete the following requirements:
1. Completion of the units for the major with a grade of C or better
2. Completion of either the Intersegmental General Education Transfer Curriculum or California State University General Education-Breadth Requirement
3. Completion of a maximum of 60 units with a grade point average of 2.0 or better

#### Course ID | Title | Units
---|---|---
THEA 005A | Writing for Film and Television | 3
THEA 015 | Introduction to Film Studies | 3

**List A – 6 units**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC 065A</td>
<td>Recording Arts I</td>
<td>3</td>
</tr>
<tr>
<td>THEA 005A</td>
<td>Introduction to Film/Video Production</td>
<td>3</td>
</tr>
</tbody>
</table>

**List B – 3 units**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 005B</td>
<td>Film/Video Production II</td>
<td>3</td>
</tr>
</tbody>
</table>

**List C: Select One (3 units)**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 007A</td>
<td>Acting for Film and Television</td>
<td>3</td>
</tr>
<tr>
<td>THEA 007B</td>
<td>Acting for Film and Television II</td>
<td>3</td>
</tr>
<tr>
<td>THEA 014A</td>
<td>Survey of Film: Horror and Science Fiction</td>
<td>3</td>
</tr>
<tr>
<td>THEA 014B</td>
<td>Survey of Film: Westerns and Musicals</td>
<td>3</td>
</tr>
<tr>
<td>THEA 014C</td>
<td>Survey of Film: Gangster and Detective Films</td>
<td>3</td>
</tr>
<tr>
<td>THEA 014D</td>
<td>Survey of Film: Superhero Cinema</td>
<td>3</td>
</tr>
<tr>
<td>THEA 014E</td>
<td>Survey of Film: The Star Wars Trilogies</td>
<td>3</td>
</tr>
<tr>
<td>THEA 019A</td>
<td>Visual Spectacle: Practical Effects and Motion Graphics for Cinema</td>
<td>3</td>
</tr>
<tr>
<td>THEA 016</td>
<td>American Cinema</td>
<td>3</td>
</tr>
<tr>
<td>THEA 004</td>
<td>Digital Video Editing</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Major Units:** 18

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

**Total Degree Units:** 60

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

For crosswalk of new subject codes, see page 61
ASSOCIATE IN ARTS IN THEATRE ARTS FOR TRANSFER DEGREE (AA-T in Theatre Arts)

The Associate in Arts in Theatre Arts for Transfer is a 60 unit program which provides students the lower division coursework required for transfer to a four year institution for the major in Theatre Arts or Drama.

Students who complete this program will be able to:
- apply film and theatre terminology and language; analyze literature; identify production components;
- distinguish film and theatre styles and historical periods; demonstrate collaboration and team-building skills;
- creatively solve problems; demonstrate communication skills;
- create and demonstrate informed and personal artistic choices in coursework and productions.

Students must complete the following requirements:
1. Completion of the units for the major with a grade of C or better
2. Completion of either the Intersegmental General Education Transfer Curriculum or California State University General Education-Breadth Requirement
3. Completion of a maximum of 60 units with a grade point average of 2.0 or better

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

After completing an A.A.-T in Theatre Arts, a student will be able to:
- Distinguish theatre styles and historical periods.
- Demonstrate collaboration and team-building skills; creatively solve problems; demonstrate communication skills; create and demonstrate informed and personal artistic choices.
- Apply theatre terminology and language, analyze literature, and identify production components.

**Recommended Course Sequence:**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 010 OR THEA 010H</td>
<td>Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THEA 040A</td>
<td>Acting One</td>
<td>3</td>
</tr>
<tr>
<td>Select (3 units maximum)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THEA 070A</td>
<td>Mainstage Theater Production Workshop: American Representational</td>
<td>3</td>
</tr>
<tr>
<td>THEA 070B</td>
<td>Mainstage Theater Production Workshop: Modern &amp; Contemporary</td>
<td>3</td>
</tr>
<tr>
<td>THEA 070C</td>
<td>Mainstage Theater Production Workshop: Classical Greek and European</td>
<td>3</td>
</tr>
<tr>
<td>THEA 070D</td>
<td>Mainstage Theater Production Workshop: Musical and Children’s Theater</td>
<td>3</td>
</tr>
<tr>
<td>THEA 020A</td>
<td>Studio Theater Production Workshop: American Representational</td>
<td>3</td>
</tr>
</tbody>
</table>

**List A: Select three (9 units)**

- THEA 040B Acting Two
- THEA 002A Introduction to Theatrical Design
- THEA 018A Introduction to Stage Lighting
- THEA 047A Fundamentals of Costume Design
- THEA 044A Makeup for Stage & Screen
- THEA 011A Script Analysis: Classical
- THEA 011B Script Analysis: Modern Realism
- THEA 011C Script Analysis: Contemporary/Absurdist
- THEA 045B Stagecraft

Select from the following REQUIRED CORE courses not already used (3 units maximum)

- THEA 070A Mainstage Theater Production Workshop: American Representational
- THEA 070B Mainstage Theater Production Workshop: Modern & Contemporary
- THEA 070C Mainstage Theater Production Workshop: Classical Greek and European
- THEA 070D Mainstage Theater Production Workshop: Musical and Children’s Theater
- THEA 020A Studio Theater Production Workshop: American Representational
- THEA 020B Studio Theater Production Workshop: Modern & Contemporary
- THEA 020C Studio Theater Production Workshop: Classical Greek and European
- THEA 020D Studio Theater Production Workshop: Musical and Children’s Theater
- THEA 021A AND THEA 021B Practical Theater (Scene & Stage) I and II

**Total Major Units**

- 18

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

- 39 or 37

**Total Degree Units**

- 60

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

For crosswalk of new subject codes, see page 61

**Recommended Course Sequence:**

- **Fall, Year 1 (6 Units):**
  - THEA 010, THEA 040A
- **Spring, Year 1 (6 Units):**
  - THEA 011A, THEA 020A
- **Fall, Year 2 (6 Units):**
  - THEA 002A, THEA 040B
# THEATRE ARTS: ACTING
## A.A. Degree

The Associate of Arts in Theatre Arts, Acting Emphasis is a comprehensive program designed to prepare students to transfer to a baccalaureate program (BFA or BA) in acting or theatre arts or work as professional actors. It covers theatrical, television, and improvisational styles in both the classroom and on the live stage. Courses required in the Associate of Arts in Theater, Acting Emphasis lay a foundation for success in upper division theater coursework and include a comprehensive series of acting courses in addition to hands-on performance and backstage experience, vocal training as well as classical and modern dance.

Students who complete the Associate of Arts in Theatre Arts: Acting will be able to:
- Apply film and theatre terminology and language.
- Analyze literature.
- Identify production components.
- Distinguish film and theatre styles and historical periods.
- Demonstrate collaboration and team-building skills.
- Creatively solve problems.
- Demonstrate communication skills.
- Create and demonstrate informed and personal artistic choices in coursework and productions.

### Course ID | Title | Units
--- | --- | ---
**Required Core Courses: 21 units**
THEA 007A | Acting for Film and Television | 3
THEA 010 | Introduction to Theater | 3
THEA 035A | Voice Production and Articulation | 3
THEA 040A | Acting One | 3
THEA 040B | Acting Two | 3
THEA 040C | Acting Three | 3
THEA 011A | Script Analysis: Classical | 3

### Elective Courses: List A. Select 3 units
THEA 020A | Studio Theater Production Workshop: American Representational | 3
THEA 020B | Studio Theater Production Workshop: Modern/Contemporary | 3
THEA 020C | Studio Theater Production Workshop: Classical Greek & European | 3
THEA 020D | Studio Theater Workshop: Musical and Children’s Theater | 3
THEA 070A | Mainstage Theater Production Workshop: American Representational | 3
THEA 070B | Mainstage Theater Production Workshop: Modern & Contemporary | 3
THEA 070C | Mainstage Theater Production Workshop: Classical Greek and European | 3
THEA 070D | Mainstage Theater Production Workshop: Musical and Children’s Theater | 3

### Elective Courses: List B
THEA 021A | Practical Theater (Scene & Stage) I | 1
THEA 022A | Practical Theater (Costume & Makeup) I | 1

### Elective Courses: List C. Select 3 units
THEA 007B | Acting/Directing for Film and Television | 3
THEA 012 | Survey of Musical Theater | 3

**Total Major Units**: 28

Additional units to meet the college graduation requirements.

To be awarded an A.A. Degree, a student must complete:
1. Achieve a grade of “C” or better in the major requirements.
2. Additional units to meet the college graduation requirements.

For crosswalk of new subject codes, see page 61

### Recommended Course Sequence:
**Fall, Year 1 (9 Units):**
THEA 010, THEA 011A, THEA 040A

**Spring, Year 1 (6 Units):**
THEA 040C, THEA 020A or 020B or 020C or 020D or 070A or 070B or 070C or 070D

**Fall, Year 2 (7 Units):**
THEA 007A, THEA 035A, THEA 021A or 022A

**Spring, Year 2 (6 Units):**
THEA 040C, THEA 007A or 007B or 012 or 013 or 026A or 047A

# THEATRE ARTS: FILM STUDIES
## A.A. Degree

The Associate of Arts in Film studies is designed to prepare students to transfer to a baccalaureate program in film studies or film/video production. It covers a broad base of film and theatre fundamentals in both lecture and production-style learning environments.

After completing an A.A. degree in Film Studies, a student should be able to:
- Apply film and theatre terminology and language;
- Identify production components;
- Distinguish film and theatre styles and historical periods;
- Demonstrate mechanical production skills;
- Demonstrate communication skills.

### Course ID | Title | Units
--- | --- | ---
**Required Core Courses: 21 units**
THEA 005A | Introduction to Filmmaking | 3
THEA 006A | Writing for Film and Television | 3
THEA 007A | Acting for Film and Television | 3

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• **PREREQUISITES AND COREQUISITES** are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
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<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>THEA 014A</td>
<td>Survey of Film: Horror and Science Fiction</td>
<td>3</td>
</tr>
<tr>
<td>THEA 014B</td>
<td>Survey of Film: Westerns and Musicals</td>
<td>3</td>
</tr>
<tr>
<td>THEA 014C</td>
<td>Survey of Film: Gangster and Detective Films</td>
<td>3</td>
</tr>
<tr>
<td>THEA 015</td>
<td>Introduction to Film Studies</td>
<td>3</td>
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**Elective Courses: List A: 3 units**

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<th>Course ID</th>
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<tbody>
<tr>
<td>THEA 010</td>
<td>Introduction to Theatre</td>
<td>3</td>
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<tr>
<td>THEA 011A</td>
<td>Script Analysis: Classical</td>
<td>3</td>
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<tr>
<td>THEA 011B</td>
<td>Script Analysis: Modern Realism</td>
<td>3</td>
</tr>
<tr>
<td>THEA 011C</td>
<td>Script Analysis: Contemporary/Absurdist</td>
<td>3</td>
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<tr>
<td>THEA 012</td>
<td>Survey of Musical Theatre</td>
<td>3</td>
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<tr>
<td>THEA 019A</td>
<td>Movie Magic: Contemporary Special Effects</td>
<td>3</td>
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**Elective Courses: List B: 3 units**

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<thead>
<tr>
<th>Course ID</th>
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<tr>
<td>ARTS 004</td>
<td>Art Appreciation</td>
<td>3</td>
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<tr>
<td>ENGL 041</td>
<td>Literature and Film</td>
<td>3</td>
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<tr>
<td>THEA 002A</td>
<td>Introduction to Theatrical Design</td>
<td>3</td>
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<tr>
<td>THEA 005B</td>
<td>Introduction to Filmmaking</td>
<td>3</td>
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<td>THEA 006B</td>
<td>Writing for Film and Television</td>
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<td>THEA 007B</td>
<td>Acting for Film and Television</td>
<td>3</td>
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<tr>
<td>THEA 020D</td>
<td>Studio Theater Workshop: Musical and Children’s Theater</td>
<td>3</td>
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<tr>
<td>THEA 022A</td>
<td>Practical Theater (Costume &amp; Makeup) I</td>
<td>1</td>
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<td>THEA 022B</td>
<td>Practical Theater (Costume &amp; Makeup) II</td>
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<td>THEA 040B</td>
<td>Acting Two</td>
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<td>THEA 044A</td>
<td>Makeup for Stage &amp; Screen</td>
<td>3</td>
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<td>THEA 070A</td>
<td>Mainstage Theater Production Workshop: American Representational</td>
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<td>THEA 070B</td>
<td>Mainstage Theater Production Workshop: Modern &amp; Contemporary</td>
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<tr>
<td>THEA 070C</td>
<td>Mainstage Theater Production Workshop: Classical Greek and European</td>
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<tr>
<td>THEA 070D</td>
<td>Mainstage Theater Production Workshop: Musical and Children’s Theater</td>
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**Recommended Course Sequence:**

**Fall, Year 1 (9 Units):**

THEA 010, THEA 005A, THEA 015

**Spring, Year 1 (9 Units):**

THEA 006A, THEA 007A, THEA 014A

**Fall, Year 2 (6 Units):**

THEA 014B, THEA 044A

**Spring, Year 2 (3 Units):**

THEA 014C

**THEA 002A INTRODUCTION TO THEATRICAL DESIGN**

3 units

Lecture 3 units; lab 0 unit

Acceptable for credit: University of California, California State University

C-ID: THTR 172

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.

**THEA 004 DIGITAL VIDEO EDITING**

3 units

Lecture 2 units; lab 1 unit

Acceptable for credit: California State University

This course introduces beginning and intermediate film students to post-production digital editing for narrative film and video editing. They have the opportunity to develop the skills of cinematic storytelling and to learn how to organize the editing process and integrate visual and sound elements.

**THEA 005A INTRODUCTION TO FILM/VIDEO PRODUCTION**

3 units

Lecture 2 units; lab 1 unit

Acceptable for credit: University of California, California State University

This course provides an introduction to the theory, terminology, and process of motion picture production for film and television. Topics include basic cinematography—including the operation, function, and creative uses of production and post-production equipment—script-writing, camera operation, shot composition, lighting, sound recording and mixing, and editing.

**THEA 005B FILM/VIDEO PRODUCTION II**

3 units

Lecture 3 units; lab 0 units

Prerequisites: THEA 005A

Acceptable for credit: University of California, California State University

This course is for the student who has completed Theatre 005A. Students have the opportunity to continue developing skills and techniques used in filmmaking. Lecture, discussion and individual/group projects are combined to help the student acquire a more advanced knowledge of producing, directing and editing.

**THEA 006A WRITING FOR FILM & TELEVISION**

3 units

Lecture 3 units; lab 0 units

**Advisory: Eligible for ENGL 001A**

Acceptable for credit: University of California, California State University

This is an introductory course in script writing for film, television, and electronic media designed to provide students with the skills needed to prepare scripts in proper formats, including fundamental technical, conceptual, and stylistic issues related to writing fiction and non-fiction scripts for informational and entertainment purposes in film and electronic media. It includes a writing evaluation component as a significant part of the course requirement.

**Total Major Units:** 27

Additional units to meet the college graduation requirements. To be awarded an A.A. Degree, a student must complete:

1. Achieve a grade of “C” or better in the major requirements.
2. Additional units to meet the college graduation requirements.

For crosswalk of new subject codes, see page 61

- ADVISORY is a recommended preparation, NOT a REQUIREMENT.
- This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
THEA 006B WRITING FOR FILM AND TELEVISION II
3 units
Lecture 3 units; lab 0 units
Advisory: Eligible for ENGL 001A
Prerequisite: THEA 006A
Acceptable for credit: University of California, California State University
A continuation of Theater 006A, this course concentrates on screen writing techniques, forms and concepts. Development of screenplays and teleplays for various media markets is examined.

THEA 007A ACTING FOR FILM AND TELEVISION
3 units
Lecture 3 units; lab 0 units
Advisory: THEA 040A
Acceptable for credit: University of California, California State University
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

THEA 007B ACTING/DIRECTING FOR FILM AND TELEVISION
3 units
Lecture 3 units; lab 0 units
Advisory: THEA 040A
Prerequisite: THEA 007A or THEA 005A
Acceptable for credit: University of California, California State University
This is a follow-up course to Theater 007A and 005A. Both acting and film/ video students will have the opportunity to work on in-depth character studies and longer form video projects, as well as to learn professional behavior and production best practices. Pass/No Pass Option

THEA 010 INTRODUCTION TO THEATER
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 111
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.

THEA 010H HONORS INTRODUCTION TO THEATER
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 111
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.

THEA 011A SCRIPT ANALYSIS: CLASSICAL
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 114
This course is a survey of dramatic literature from ancient Greece and Rome through the Italian Renaissance and the French Neo-Classical period with an emphasis on preparation for production. Through reading and analysis of representative plays selected from each of the major dramatic periods within this frame, and through consideration of theatrical conventions and aesthetic influences, students will have the opportunity to fully explore an in-depth methodology of reading, analyzing, and understanding the play scripts intended for production. Pass/No Pass Option

THEA 011B SCRIPT ANALYSIS: MODERN REALISM
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 114
This course is a survey of world dramatic literature from 1860 to the present. Through consideration of theatrical conventions and aesthetic influences, students will have the opportunity to fully explore an in-depth methodology of reading, analyzing, and understanding the play scripts as dramatic literature and as the basis for production. Pass/No Pass Option

THEA 011C SCRIPT ANALYSIS: CONTEMPORARY/ABSTRACT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 114
This course is a survey of dramatic literature from the early 20th century to the present. Emphasis is placed on abstraction and modern theatre styles and the preparation of such plays for production. Through reading and analysis of representative plays selected and through consideration of theatrical conventions and aesthetic influences, students will have the opportunity to explore an in-depth methodology of reading, analyzing, and understanding the play scripts for production. Pass/No Pass Option

THEA 012 SURVEY OF MUSICAL THEATER
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 111
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

THEA 013 MULTICULTURAL THEATER
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course is a comparative study of the important multicultural theater movements from the 1950s to the present. This course explores and evaluates contemporary dramatic literature of Native-American, African-American, Asian-Pacific American, and Chicano/Latino cultures. Students have the opportunity to examine the historical as well as cultural and social conditions in which these plays were developed.

THEA 014A SURVEY OF FILM: HORROR AND SCIENCE FICTION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
Survey of Film is an introductory film course in which primary focus is placed on the cinematic development of genre classics in Horror and Science Fiction. Critical analysis from an audience perspective includes readings, lectures and discussions covering conventions, history, evolution, terminology, and technique. Pass/No Pass Option

• PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Type</th>
<th>Acceptable for Credit</th>
<th>Description</th>
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<tbody>
<tr>
<td>THEA 014B</td>
<td>SURVEY OF FILM: WESTERNS AND MUSICALS</td>
<td>3</td>
<td>Lecture; lab 0</td>
<td>University of California, California State University</td>
<td>Survey of Film is an introductory film course in which primary focus is placed on the cinematic development of genre classics in Westerns and Musicals. Critical analysis from an audience perspective includes readings, lectures and discussions covering conventions, history, evolution, terminology, and technique. Pass/No Pass Option.</td>
</tr>
<tr>
<td>THEA 014C</td>
<td>SURVEY OF FILM: GANGSTER AND DETECTIVE</td>
<td>3</td>
<td>Lecture; lab 0</td>
<td>University of California, California State University</td>
<td>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.</td>
</tr>
<tr>
<td>THEA 014D</td>
<td>SURVEY OF FILM: SUPERHERO CINEMA</td>
<td>3</td>
<td>Lecture; lab 0</td>
<td></td>
<td>This is an introductory film studies course in which primary focus is placed on the history, development, and cultural relevance of Superhero cinema. Critical analysis from an audience perspective includes readings, lectures, and discussions covering conventions, history, evolution, terminology, and technique.</td>
</tr>
<tr>
<td>THEA 014E</td>
<td>SURVEY OF FILM: THE STAR WARS TRILOGIES</td>
<td>3</td>
<td>Lecture; lab 0</td>
<td>California State University</td>
<td>This is an introductory film course in which primary focus is placed on the cinematic development of the Star Wars Film cycle (all three trilogies and related media). Critical analysis from an audience perspective includes readings, lectures, and discussions covering conventions, history, evolution, terminology, and technique.</td>
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<tr>
<td>THEA 015</td>
<td>INTRODUCTION TO FILM STUDIES</td>
<td>3</td>
<td>Lecture; lab 0</td>
<td>ENGL 001A</td>
<td>This course introduces the close analysis of film and television texts. Additionally, it examines the broad questions of form and content, aesthetics and meaning, and history and culture. The course explores the diverse possibilities presented by the cinematic art form through an examination of a wide variety of productions, national cinemas, and film movements. Topics covered include modes of production, narrative forms, visual design, editing, sound, genre, ideology, and critical analysis.</td>
</tr>
</tbody>
</table>
THEA 016  AMERICAN CINEMA
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This is an introductory course in film studies examining the history and development of Hollywood and the movie business and their sustained influence on American culture. Students will also have the opportunity to explore the tools of cinematic grammar in creating a universal visual language.

THEA 018A INTRODUCTION TO STAGE LIGHTING
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 173
This is an introductory course in the theory, methods, and application of stage lighting. Students will have the opportunity to study different approaches to lighting design, the physics of stage lighting, and color in light. The course also serves as an introduction to the lighting instruments themselves and the practical work involved in lighting a staged production.

THEA 019A VISUAL SPECTACLE: PRACTICAL EFFECTS AND MOTION GRAPHICS FOR CINEMA
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
The students in this course have the opportunity to study practical and digital film effects, such as creative lighting and cinematography, animation and motion control, blood effects, fight choreography, and green screen compositing. Pass/No Pass Option

THEA 020A STUDIO THEATER PRODUCTION WORKSHOP: AMERICAN REPRESENTATIONAL
3 units
Lecture 0 units; lab 3 units
Prerequisite: Audition/Interview Required
Acceptable for credit: University of California, California State University
This course provides the analysis and dramatization of acting techniques necessary for performance of the Representational American Theater (1800-1959). Students have the opportunity to participate in rehearsals and regularly scheduled performances of plays and musical performances. This course also provides the student an opportunity to perform in a small, studio style theater. Blocking choices and vocal projection are key elements for study in the course. Admission to the course requires an audition.

THEA 020B STUDIO THEATER PRODUCTION WORKSHOP: MODERN/CONTEMPORARY
3 units
Lecture 0 units; lab 3 units
Prerequisite: Audition/Interview Required
Acceptable for credit: University of California, California State University
This course provides the analysis and dramatization of acting techniques necessary for performance of Modern and Contemporary Theater (1960-Present). This course provides the student an opportunity to perform in a small studio-style theater. Blocking choices and vocal projection are key elements for study in the course. Students have the opportunity to participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.

THEA 020C STUDIO THEATER PRODUCTION WORKSHOP: CLASSICAL GREEK & EUROPEAN
3 units
Lecture 0 units; lab 3 units
Prerequisite: Audition/Interview Required
Acceptable for credit: University of California, California State University
This course provides the analysis and dramatization of acting techniques necessary for performance of Classical Greek & European Theater. This course provides the student an opportunity to perform in a small, studio-style theater. Blocking choices and vocal projection are key elements for study in the course. Students have the opportunity to participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.

THEA 020D STUDIO THEATER WORKSHOP: MUSICAL AND CHILDREN’S THEATER
3 units
Lecture 0 units; lab 3 units
Prerequisite: Audition/Interview Required
Acceptable for credit: University of California, California State University
This course provides the analysis and dramatization of acting techniques necessary for performance of Musical and Children’s Theater. This course provides the student an opportunity to perform in a small, studio style theater. Blocking choices and vocal projection are key elements for study in the course. Students have the opportunity to participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.

THEA 021A PRACTICAL THEATER (SCENE & STAGE) I
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This entry-level course gives students the opportunity to gain practical experience in the application of production responsibilities in any of the following areas: stage management, house management, construction, scenery, properties, lighting, sound, and running crews.

THEA 021B PRACTICAL THEATER (SCENE & STAGE) II
2 units
Lecture 0 units; lab 2 units
Acceptable for credit: University of California, California State University
This intermediate course gives students expanded opportunity to gain practical experience in the application of production responsibilities in any of the following areas: stage management, house management, construction, scenery, properties, lighting, sound, and running crews.

THEA 022A PRACTICAL THEATER (COSTUME & MAKEUP) I
1 unit
Lecture 0 units; lab 1 unit
Acceptable for credit: University of California, California State University
This entry-level course gives students the opportunity to gain practical experience in the application of production responsibilities in costume construction, costume maintenance and make-up application.

THEA 022B PRACTICAL THEATER (COSTUME & MAKEUP) II
2 units
Lecture 0 units; lab 2 units
Acceptable for credit: University of California, California State University
This intermediate-level course gives students expanded opportunity to gain practical experience in the application of production responsibilities in costume construction, maintenance and make-up application.

THEA 026A IMPROVISATIONAL THEATRE WORKSHOP
3 units
Lecture 3 units; lab 0 units
This course explores methods and techniques used to develop spontaneous performance skills in the actor. The types of improvisation covered are the following: partner games, team building, short and long form improv and theater-sports. This course culminates in a final class performance open to the public. Pass/No Pass Option

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• Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
THEA 033A STAGE MOVEMENT
3 units
Lecture 3 units; lab 0 units
This movement course is like an acting course in motion, a playground for rediscovering uninhibited, child-like freedom that stimulates students’ imaginations, and opens them up to a pervasive sense of playfulness in their work. Through group exercises and devised assignments, students become more adept at playing in the environment of a scene, creating fully realized characters, and developing their vocabulary in the language of the body.

THEA 033B STAGE COMBAT
3 units
Lecture 3 units; lab 0 units
This course offers analysis and practice of basic stage combat. Fundamental techniques of hand to hand combat, swordplay and safety techniques are major components of the course. Students develop a personal command and understanding of their body in relation to theatrical physical conflict. Students learn written notation for designing a fight. Styles of stage combat to be covered include Unarmed/Hand to Hand, Rapier and Dagger, Single Sword, Broadsword, and Quarterstaff.

THEA 035A VOICE PRODUCTION AND ARTICULATION
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course offers students the opportunity to study vocal development. It is designed to develop, strengthen, and free the voice of the student. The main goals of this course are to offer a practical approach to vocal freedom and exploration, develop individual warm-up techniques, and introduce the international Phonetic Alphabet and dialect work.

THEA 038 ACTING FOR NON-MAJORS
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course introduces students to fundamental acting skills and provides a foundation of acting vocabulary. It develops an actor’s imagination as it relates to storytelling, communication, and analysis. This course provides students the opportunity to study beginning acting in a safe, fun, and supportive environment. Pass/No Pass Option.

THEA 040A ACTING ONE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 151
This course provides an introduction to acting with an emphasis on one’s personal connection to the character and the scene. The course introduces students to techniques on how to become comfortable in front of an audience. Also, movement and vocal exercises that prepare students for performance are introduced. Other topics that are explored include techniques of scene study and improvisation. Pass/No Pass Option

THEA 040B ACTING TWO
3 units
Lecture 3 units; lab 0 units
Prerequisite: THEA 040A
Acceptable for credit: University of California, California State University
C-ID THTR 152
This course focuses on the externals an actor uses to create a role. There is continued training in acting skills introduced in THEAR 040A with detailed script and character analysis. The course also introduces auditioning and improvisational skills. Pass/No Pass Option

THEA 040C ACTING THREE
3 units
Lecture 3 units; lab 0 units
Prerequisite: THEA 040B
Acceptable for credit: University of California, California State University
This course provides advanced scene study through detailed work on character and scene analysis, acting theory and technique. Students are introduced to classical dramatic literature and have the opportunity to learn how to prepare a formal audition and an actor's resume. Pass/No Pass Option

THEA 044A MAKEUP FOR STAGE AND SCREEN
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 175
This course is designed to introduce the student to the basic techniques and materials of stage and cinematic makeup. The student has the opportunity to gain an understanding of the process through actual makeup application in the classroom environment. Pass/No Pass Option

THEA 045B STAGECRAFT
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 171
This course serves as an introduction to the theory and practical application of theatrical scenery. Students are exposed to safe operation and handling of tools used in the construction, painting, assembly, and deconstruction of sets used in departmental productions. The course also serves as an introduction to set design including the production of working drawings and scale models.

THEA 047A FUNDAMENTALS OF COSTUME DESIGN
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID THTR 174
This course is an introduction to the function of theatrical costume and the contribution to the total aesthetic effect of a dramatic production. Design research and principles, costume organization, pattern and construction techniques, sewing equipment use and maintenance, and the function of costume personnel in production are introduced as a means of developing the individual student’s design capabilities, skills and discipline in costuming.

THEA 070A MAINSTAGE THEATER PRODUCTION WORKSHOP: AMERICAN REPRESENTATIONAL
3 units
Lecture 0 units; lab 3 units
Acceptable for Credit: University of California, California State University
C-ID THTR 191
This course provides the analysis and dramatization of acting techniques necessary for performance of the Representational American Theatre (1800-1959). This course provides the student an opportunity to perform in a large proscenium style theatre. Blocking choices and vocal projection are key elements for study in the course. Students participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.
THEA 070B MAINSTAGE THEATER PRODUCTION WORKSHOP: MODERN & CONTEMPORARY
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: University of California, California State University
C-ID THTR 191
This course provides the analysis and dramatization of acting techniques necessary for performance of Modern and Contemporary Theater (1960-Present). This course provides the student an opportunity to perform in a large proscenium style theater. Blocking choices and vocal projection are key elements for study in the course. Students participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.

THEA 070C MAINSTAGE THEATER PRODUCTION WORKSHOP: CLASSICAL GREEK AND EUROPEAN THEATER
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: University of California, California State University
C-ID THTR 191
This course provides the analysis and dramatization of acting techniques necessary for performance of Classical Greek and European Theater. This course provides the student an opportunity to perform in a large proscenium style theater. Blocking choices and vocal projection are key elements for study in the course. Students participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.

THEA 070D MAINSTAGE THEATER PRODUCTION WORKSHOP: MUSICAL AND CHILDREN’S THEATER
3 units
Lecture 0 units; lab 3 units
Acceptable for credit: University of California, California State University
C-ID THTR 191
This course provides the analysis and dramatization of acting techniques necessary for performance of Musical and Children's Theater. This course provides the student an opportunity to perform in a large proscenium style theater. Blocking choices and vocal projection are key elements for study in the course. Students have the opportunity to participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition.

Transfer Studies
Certificates:
Transfer Studies CSU GE-B
Transfer Studies IGETC

TRANFER STUDIES – CSU GE-B
Certificate of Achievement

This certificate is designed for students planning to transfer to the California State University (CSU) System. Students have the opportunity to learn the basic principles of natural sciences, social and behavioral sciences, the humanities, and fine arts. Students completing this certificate should demonstrate knowledge of the basic principles of these academic disciplines, their methods of inquiry, their history and impact on society, and their relationships to each other.

It offers students a program of study which meets the CSU General Education requirements. Although the certificate recognizes the completion of lower division CSU general education requirements, it does not guarantee admission to a specific campus within the CSU system nor does it guarantee admission to a specific major. Some majors and colleges may require a different lower division preparation and/or a higher GPA than is necessary for this certificate. Students who intend to transfer must meet all current CSU transfer requirements including minimum GPA and eligibility for certification. Students are strongly advised to meet with a counselor to discuss transfer requirements and lower division major preparation that is needed for their intended transfer school.

After completing the Transfer Studies – CSU GE-B certificate, a student will be able to:
- Explain and demonstrate ideas and concepts through verbal and nonverbal expression through written and oral communication.
- Critically examine the function, media, subject matter, organization, aesthetic, style, and relative excellence of representative examples of the arts, literature, philosophy, and foreign languages including approaches from various historical, cultural, and gender-based origins.
- Analyze the interaction between social, political, and economic systems from a global perspective to effectively live and work in diverse communities.
- Critically analyze and solve problems using quantitative and qualitative techniques including appropriate use of logic, mathematics, multi-disciplinary, and cultural considerations where applicable.

<table>
<thead>
<tr>
<th>Area</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select One Course From Area A1</td>
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<tr>
<td>Area A1 - Oral Communication</td>
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<tr>
<td>Select One Course From Area A2</td>
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<tr>
<td>Area A2 - Written Communication</td>
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<td>Select One Course From Area A3</td>
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<tr>
<td>Area A3 - Critical Thinking</td>
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<tr>
<td>Select One Course of at Least 3 units from Area B1</td>
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<tr>
<td>Area B1 - Physical Sciences</td>
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<tr>
<td>Select One Course of at Least 3 Units from Area B2</td>
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<tr>
<td>Area B2 - Life Sciences</td>
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<tr>
<td>Select One Laboratory Course From B1 or B2</td>
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<tr>
<td>Area B3 - Laboratory Activity</td>
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<td>Select One Course of at Least 3 Units from Area B4</td>
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<tr>
<td>Area B4 - Mathematics/Quantitative Reasoning</td>
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<tr>
<td>Area C1 - Arts</td>
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</tbody>
</table>

* PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
* Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
TRANSFER STUDIES – IGETC
Certificate of Achievement

This certificate is designed for students planning to transfer to either the University of California (UC) or the California State University (CSU) System. Students have the opportunity to learn the basic principles of natural sciences, social and behavioral sciences, the humanities, and fine arts. Students completing this certificate should understand the basic principles of these academic disciplines, their methods of inquiry, their history and impact on society, and their relationships to each other.

The certificate offers students a program of study which meets IGETC requirements. Although the certificate recognizes the completion of lower division IGETC requirements, it does not guarantee admission to a specific campus or school within the UC or CSU systems, nor does it guarantee admission to a specific major. Some majors and colleges may require a different lower division preparation and/or a higher GPA than is necessary for this certificate. Students who intend to transfer must meet all current IGETC transfer requirements including minimum GPA and eligibility for certification.

After completing the Transfer Studies – IGETC certificate, a student will be able to:

- Explain and demonstrate ideas and concepts through verbal and nonverbal expression through written and oral communication.
- Critically examine the function, media, subject matter, organization, aesthetic, style, and relative excellence of representative examples of the arts, literature, philosophy, and foreign languages including approaches from various historical, cultural, and gender-based origins.
- Analyze the interaction between social, political, and economic systems from a global perspective to effectively live and work in diverse communities.
- Critically analyze and solve problems using quantitative and qualitative techniques including appropriate use of logic, mathematics, multi-disciplinary, and cultural considerations where applicable.

Tutoring & Tutor Training
(See Student Success)

Unmanned Aircraft Technology
(See Aviation)
Women, Gender and Queer Studies

THE FACULTY
Leigh Burrell, English
Rebecca Cisneros-Diaz, English
Mae Conroy, Child Studies
Dulce Gray, English
Michelle Reed, Psychology
Cynthia Reiss, Art History
Danielle Shaw, English

DIVISION Language Arts
PROGRAM CHAIR Leigh Burrell
PHONES 408-741-4054
EMAIL leigh.burrell@westvalley.edu
COUNSELING 408-741-2009

Degree:
A.A., Women, Gender & Queer Studies

WOMEN, GENDER AND QUEER STUDIES: For transfer information see assist.org and/or consult with a counselor.

WOMEN, GENDER AND QUEER STUDIES
A.A. Degree

The Women, Gender and Queer Studies Associate in Arts degree, which requires 22 units in the major, offers students an interdisciplinary, social justice approach to examining the complex ways that gender informs identity, with an emphasis on the intersection of gender with other identity markers such as race, class, sexuality, ability, ethnicity, nation, and religion, in cultures across the world. A field at the forefront of multicultural and transnational scholarship, Women, Gender and Queer Studies is dynamic and constantly evolving.

In WGQS core courses, students have the opportunity to study the history of women in various world cultures through the millennia, as well as historical changes in Western culture forged by the suffrage, civil rights, gay liberation, and labor movements of the 19th and 20th centuries. Students also have the opportunity to examine contemporary social justice movements and activism in their local communities and around the globe on topics ranging from voting rights to representation in government, from sex work to human trafficking, and from the wage and education gaps to the division of labor.

Drawing on concepts from Global Feminist Studies and Queer Theory, WGQS courses prepare students to analyze gender and sexuality as social constructs both performative and fluid; to think critically about power dynamics based on race, gender, sexuality, social class, ability, and nation; and to develop global perspectives on inequality, development, and human rights issues. The A.A. degree in Women, Gender and Queer Studies also prepares students to contribute to dialogue on issues of fairness and justice locally, nationally, and globally.

The WGQS AA program of study offers lower division courses that help students prepare for transfer to four-year institutions where students have opportunities to engage in advanced scholarship in the vibrant, expanding fields of Social Justice, Gender, Ethnic, and Global Studies leading to careers in professional fields such as humanities, law, education, psychology, administration of justice, and social work; for positions in government agencies and non-governmental organizations focused on human rights and social justice.

After completing the Women, Gender and Queer Studies AA, students will be able to:
- Examine women's access to political, social, and economic power throughout history and across cultures.
- Analyze gender roles using intersectional analysis, via lenses of race, ethnicity, sex identity, gender, sexuality, social class, and ability, in various cultural and historical contexts.
- Compare the social construction of gender, race, class, sexuality, and disabilities in different cultures and historical periods; analyze the intersection of these social constructs in the lives of women, men, and gender variant individuals in different global societies.

- Describe gender and sexuality as existing on a continuum rather than as static identities, using historical, psychological, sociological, and semiotic language analysis as evidence.
- Analyze cultural attitudes about sexuality using intersectional, feminist, and historical perspectives.
- Analyze and critique the social construction of sexuality and gender categories such as woman, man, non-binary, lesbian, gay, straight, bisexual, trans, and queer.
- Participate in dialogue about fairness and justice in matters related to sex identity, gender, race, ethnicity, class, sexuality, ability, culture and religion.

Course ID | Title | Units
--- | --- | ---
WGQS 001 | Introduction to Women’s Studies | 4
WGQS 002 | Women in the Arts: Multicultural Perspectives | 3
WGQS 003 | Introduction to Gender and Queer Studies | 3
WGQS 004A | Women in World Cultures | 3

Complete at least 9 units from the following:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ARTS 014</td>
<td>Women in Art History</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 055</td>
<td>Biology of Sex</td>
<td>3</td>
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<tr>
<td>PSYC 009</td>
<td>Psychology of Women: a Multicultural Perspective</td>
<td>3</td>
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<tr>
<td>PSYC 001</td>
<td>General Psychology</td>
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<tr>
<td>SOCI 002</td>
<td>Social Problems</td>
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<tr>
<td>ENGL 001B</td>
<td>Critical Thinking Through Literature</td>
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<td>ENGL 041</td>
<td>Literature and Film</td>
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<td>ENGL 001A</td>
<td>English Composition</td>
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<tr>
<td>GHOST 005</td>
<td>Diversity: Childhood &amp; Culture</td>
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<td>SOCI 028</td>
<td>Sociology of Gender</td>
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<td>ENGL 049</td>
<td>Modern Fiction</td>
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<tr>
<td>SJST 001</td>
<td>Introduction to Social Justice Studies</td>
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<td>HIST 012</td>
<td>African American History</td>
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<td>KINT 033</td>
<td>Women in Sports</td>
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<td>ENGL 012</td>
<td>African American Literature</td>
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<td>Latino/Chicano Literature</td>
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<td>HSCI 010</td>
<td>Human Sexuality</td>
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<td>ENGL 046</td>
<td>Contemporary American Multi-Cultural Literature</td>
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<td>ANTH 003</td>
<td>Introduction to Cultural Anthropology</td>
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<td>ENGL 001C</td>
<td>Critical Thinking and Writing</td>
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<td>OR</td>
<td>Honors Critical Thinking and Writing</td>
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</tr>
</tbody>
</table>

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

- Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.
WGQS 001 INTRODUCTION TO WOMEN'S STUDIES
4 units
Lecture 4 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID SJS 120
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 construc-
tion 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

WGQS 002 WOMEN IN THE ARTS: MULTICULTURAL
PERSPECTIVES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course introduces students to the study of women’s creative work in
literature, the visual arts, and the performing arts, 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 apprais-
als of women’s contributions to the arts. Pass/No Pass Option

WGQS 003 INTRODUCTION TO GENDER AND QUEER
STUDIES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID SJS 130
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

WGQS 004A WOMEN IN WORLD CULTURES
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course introduces women’s contributions to cultures around the world
from prehistory to 1500 CE. Drawing on primary sources, the course illumi-
nates the lives and work of women writers, artists, philosophers, and politi-
cal 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

ARTS 014 WOMEN IN ART HISTORY
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is a survey of women in Western art. Specifically, it traces the
representation of Woman in art history, the emergence of the female artist,
and the examination of feminist theory in art history. It includes an examina-
tion of the major art periods, theories, criticism, and feminist criticism. This
course focuses on women both as the subjects and the creators of art. It is
organized chronologically and thematically. This involves a historical survey
of women artists and their artistic contributions, as well as an examination
of the religious, mythological and secular images of women in art. Extensive
attention is given to the creation, modification and persistence of these
images throughout history, due to various social, economical, psychological
and intellectual conditions. Pass/No Pass Option

CHST 005 DIVERSITY: CHILDHOOD AND CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
C-ID ECE 230
This course examines the development of social identities in diverse societ-
ies 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 educa-
tional principles in integrating anti-goals in order to better inform teaching
practices and/or program development. Pass/No Pass Option
PSYC 009 PSYCHOLOGY OF WOMEN: A MULTICULTURAL PERSPECTIVE
3 units
Lecture 3 units; lab 0 units
Advisory: PSYC 001
Acceptable for credit: University of California, California State University
The course introduces the student to the gender-role development of women in terms of the biocultural and cultural factors involved in intellectual and personal-emotional functions. Examination of psychological research and theory will focus on multicultural factors; that is, gender as it relates to race, class, culture and ethnicity in United States society. This course will satisfy the 3-unit Cultural Diversity requirement for an Associate degree. Pass/No Pass Option

PREREQUISITES AND COREQUISITES are MANDATORY. See page 5 for specific information.
Courses used to meet prerequisite requirements must have been completed with a grade of C or Pass or better.

Work Experience

DIVISION Career Programs
DEAN Mae Conroy, Interim Dean of Student Services
FACULTY ADVISOR Heide Hughes
PHONE 408-741-2114
EMAIL heide.hughes@westvalley.edu
STUDENT SERVICES, CAREER PROGRAMS 408-741-4068

Learning Outcomes
After completing units in Work Experience, a student will be able to:
• Demonstrate personal and professional standards for responsibility, honesty, and decision-making;
• Demonstrate verbal and written communication skills;
• Set and manage priorities;
• Employ technology to enhance educational and career opportunities;
• Demonstrate interpersonal skills in various settings;
• Demonstrate flexibility and be adaptive to changing demands;
• Apply academic skills and concepts to the workplace.

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

Determination of the units is based on the following schedule of hours.

<table>
<thead>
<tr>
<th>UNITS</th>
<th>TOTAL HOURS OF CREDIT</th>
<th>AVERAGE HOURS WORK PER WEEK REQUIRED</th>
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<tbody>
<tr>
<td>1</td>
<td>75</td>
<td>5 - 7</td>
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<tr>
<td>2</td>
<td>150</td>
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<td>15 - 19</td>
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<tr>
<td>4</td>
<td>300</td>
<td>20+</td>
</tr>
</tbody>
</table>

If a student is working in a nonpaid position the student needs to only work 80% of the required hours.

Repeatability guidelines and unit limits:
Cooperative work experience courses are not designated as repeatable. However, students may petition to repeat occupational work experience courses to the Office of Admissions and Records. The Office of Admissions and Records may grant the request if the following conditions are met:
• the student has not exceeded the limit of 16 semester units of general and occupational work experience combined,
• the district only offers one course in a given occupational work experience field,
• the one course offered is not offered as a variable unit open-entry/open-exit course,
• the student does not exceed the maximum of eight units earned in one enrollment period in occupational work experience education.
In addition to not exceeding the limit of 16 semester units of general and occupational work experience combined, a maximum of six units may be earned during one enrollment period in general work experience education. Students are not allowed to repeat general work experience courses. However, if the student received a substandard grade in a general work experience course, the student may be permitted to enroll again in the same course to alleviate that grade.
OCCUPATIONAL WORK EXPERIENCE EDUCATION:

Occupational Experience Education offers qualified students working and learning in jobs relating to their career and educational goals, the opportunity to earn college credit. One of the benefits of this program is the community and college interaction, which involves employers, students, and faculty in a positive educational effort. Each student participating in Cooperative Work Experience Education is assigned to a faculty-advisor who meets with the student and his/her employer to discuss, define, develop, and write measurable learning objectives in developing short- and long-range career goals. Cooperative Work Experience Education units satisfy a portion of the requirements for a 2-year degree and are transferable to most of the state colleges.

The college offers the following Occupational Work Experience Education courses:

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

GENERAL WORK EXPERIENCE EDUCATION:

General work experience education is supervised employment intended to assist students in acquiring desirable work habits, attitudes, and career awareness.

The college offers the following General Work Experience course:

- WRKX 302G

WRKX 302G GENERAL WORK EXPERIENCE

1 - 4 units
Work Experience Units: 1 - 4
Acceptable for credit: California State University

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 one time. Pass/No Pass Option

WRKX 303 OCCUPATIONAL WORK EXPERIENCE

1 - 4 units
Work Experience Units: 1 - 4
Acceptable for credit: California State University

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 six (6) 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

World Languages

THE FACULTY
Anna Brichko - French
Silvia Castellini-Patel - Italian, Spanish

DIVISION
Language Arts

DEPARTMENT CHAIR
Silvia Castellini-Patel

PHONE
408-741-2076

EMAIL
silvia.castellini@westvalley.edu

COUNSELING
408-741-2009

Degrees:
A.A.-T, Spanish
A.A., Spanish
A.A., French

See Specific courses: American Sign Language, French, German, Italian, Japanese, Latin and Spanish

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

American Sign Language

ASLA 060A AMERICAN SIGN LANGUAGE I
5 units
Lecture 5 units; lab 0 units
Acceptable for credit: University of California, California State University

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

ASLA 060B AMERICAN SIGN LANGUAGE II
5 units
Lecture 5 units; lab 0 units
Prerequisite: ASLA 060A

Acceptable for credit: University of California, California State University

This course is designed to give students the opportunity to expand expressive and receptive skills in American Sign Language by providing vocabulary and grammar knowledge to achieve intermediate proficiency in the language and by offering materials to deepen their knowledge and understanding of Deaf culture and history. Pass/No Pass Option

French

FRENCH
A.A. Degree

The Associate of Arts in French (AA in French) requires 20 units of major core courses, which provides students with a solid foundation of the French language and of the cultures of the French-speaking world. The Associate of Arts in French provides students with the necessary coursework to transfer to a four-year university where students will have the opportunity to complete a bachelor’s or graduate degree in French.

After completing an A.A degree in French, students will be able to communicate on common daily topics, respond with written and spoken expressions in French, speak and convey information with accuracy and pronunciation acceptable to native speakers of the language, explain aspects of diverse cultural and global awareness relevant to French speaking countries, and customize the mode of communication appropriate to specific francophone audiences, according to their level of study. Depending on their entry level of French, the students seeking an A.A. in French can choose among the following courses: FRNC 1A, FRNC 1B, FRNC 2A, FRNC 2B, FRNC 3A, FRNC 3B. Each course is 5 units.
FRNC 001A BEGINNING FRENCH
5 units
Lecture 5 units; lab 0 units
Acceptable for credit: University of California, California State University
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

FRNC 001B BEGINNING FRENCH
5 units
Lecture 5 units; lab 0 units
Prerequisite: FRNC 001A
Acceptable for credit: University of California, California State University
This course continues development of the language skills in speaking, writing and understanding the spoken and written French, and further explores cultures of the Francophone world begun in French 001A. Pass/No Pass Option

FRNC 002A INTERMEDIATE FRENCH
5 units
Lecture 5 units; lab 0 units
Prerequisite: FRNC 001B
Acceptable for credit: University of California, California State University
FRNC 002A is designed to further develop and expand upon the proficiency acquired in the first-year French in four areas of French language skills - speaking, listening, reading, and writing - through mastering new and more complex grammar concepts and tenses such as indicative and subjunctive. This course also covers vocabulary-building exercises, culturally relevant dialogues and discussions, viewing and analyzing authentic short-subject films, and readings by writers from diverse francophone countries. Pass/No Pass Option

FRNC 002B INTERMEDIATE FRENCH
5 units
Lecture 5 units; lab 0 units
Prerequisite: FRNC 002A
Acceptable for credit: University of California, California State University
French 002B is designed as a continuation of French 002A. This course reviews and further develops grammatical structures with emphasis on past tenses and past subjunctive. This course also emphasizes building communicative competence, expanding high-order vocabulary and idiomatic usage, analyzing authentic short-subject films, and reading materials by writers from diverse francophone countries. Pass/No Pass Option

FRNC 003A ADVANCED FRENCH ORAL AND WRITTEN COMPOSITION
5 units
Lecture 5 units; lab 0 units
Prerequisite: FRNC 002B
Acceptable for credit: University of California, California State University
This course centers on the intensive use of the French language for the enrichment of oral and written proficiency. Students in this course have the opportunity to enhance their knowledge of French grammar, expand abstract vocabulary, and develop idiomatic expression while emphasizing written and oral composition. The course includes an analysis of short works of French literature and selected contemporary publications. Pass/No Pass Option

FRNC 003B ADVANCED FRENCH ORAL & WRITTEN COMPOSITION
5 units
Lecture 5 units; lab 0 units
Prerequisite: FRNC 003A
Acceptable for credit: University of California, California State University
This course centers on the intensive use of the French language for the enrichment of oral and written proficiency. Students in this course have the opportunity to enhance their knowledge of French grammar, expand abstract vocabulary, and develop idiomatic expression while emphasizing written and oral composition. The course includes an analysis of short works of French literature and selected contemporary publications. Pass/No Pass Option

FRNC 011A FRENCH LABORATORY
0.5 units
Lecture 0 units; lab 0.5 units
Advisory: FRNC 001A
Acceptable for credit: California State University
This is an online laboratory course designed to give students the opportunity to improve and reinforce their French language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one’s self, describing daily life activities, and exchanging information about pastimes. It explores French culture using language computer programs, and a variety of other technologies, media, Internet resources, and films. This course is recommended for students enrolled in French 1A to further enhance 1A course material, but it may be taken independently. Pass/No Pass Option
FRNC 011B FRENCH LABORATORY
0.5 units
Lecture 0 units; lab 0.5 units
Advisory: FRNC 001B
Acceptable for credit: California State University
This is an online laboratory course designed as a continuation of French 011A. It allows students the opportunity to learn and perform complex language skills, such as: giving formal and informal polite commands, making suggestions, formulating hypotheses, and narrating events in the past. Students have the opportunity to implement their knowledge of the French culture through the study of movies, short stories, poems, and newspaper articles, using a variety of technologies, media, Internet resources, and films. This course is recommended for students enrolled in French 1B to further enhance 1B course material, but it may be taken independently. Pass/No Pass Option

FRNC 050A BASIC FRENCH CONVERSATION AND CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This course is designed for those desiring a basic, practical conversational approach to learning a language. The course emphasizes conversation and vocabulary building with basic grammar. A variety of activities permit the student to actively use the language while studying it. Cultural topics center on everyday life in francophone countries today such as food, customs and traditions, and family. This course benefits people conducting business with French-speaking countries. Pass/No Pass Option

FRNC 050B BASIC FRENCH CONVERSATION & CULTURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: FRNC 050A or demonstrated subject proficiency
Acceptable for credit: California State University
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

FRNC 051A INTERMEDIATE FRENCH CONVERSATION AND CULTURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: FRNC 050B
Acceptable for credit: California State University
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

FRNC 051B INTERMEDIATE FRENCH CONVERSATION AND CULTURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: FRNC 051A
Acceptable for credit: California State University
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

FRNC 062 AN INTRODUCTION TO THE CULTURE OF FRANCE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: California State University
This is a multi-disciplinary introduction to the culture of France. Topics include the regions of France, French food and wines, an introduction to the French language, Paris, French art, the French character, and business customs. This course will be of interest for those who travel, do business with French companies, work in the food and restaurant industry, and for those wishing to expand their general knowledge of culture. Pass/No Pass Option

German

GERM 001A BEGINNING GERMAN
5 units
Lecture 5 units; lab 0 units
Prerequisite: GERM 001B
Acceptable for credit: University of California, California State University
This course develops the fundamentals of the German language within a cultural context. This is a proficiency-based course that emphasizes the acquisition and development of communicative skills (comprehension, speaking, reading, and writing) and the understanding of German-speaking cultures. Pass/No Pass Option

GERM 001B BEGINNING GERMAN
5 units
Lecture 5 units; lab 0 units
Prerequisite: GERM 001A
Acceptable for credit: University of California, California State University
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

GERM 002A INTERMEDIATE GERMAN
5 units
Lecture 5 units; lab 0 units
Prerequisite: GERM 001B
Acceptable for credit: University of California, California State University
This course offers a review of grammar and discussion of grammatical features beyond the elementary level. Also, it offers intensive oral and written study in idiomatic construction. The study of composition, conversation, and readings from prose and poetry are emphasized as well. Pass/No Pass Option

GERM 002B INTERMEDIATE GERMAN
5 units
Lecture 5 units; lab 0 units
Prerequisite: GERM 002A
Acceptable for credit: University of California, California State University
This course is a continuation of GERM 002A. It covers review of grammar and discussion of grammatical features beyond the elementary level. In this course there are Intensive oral and written drills in idiomatic construction. Composition and conversation based on text material are also emphasized. Excerpts from German prose and poetry are studied also. Pass/No Pass Option

• ADVISORY is a recommended preparation, NOT a REQUIREMENT.
• This catalog is subject to change and may be incomplete. Please consult the addenda at westvalley.edu/catalog/
ITAL 001A BEGINNING ITALIAN
5 units
Lecture 5 units; lab 0 units
Advisory: ITAL 001A
Acceptable for credit: University of California, California State University
This course develops the fundamentals of the Italian language within a communicative and cultural context. This is a proficiency-based course that emphasizes the acquisition and development of communicative skills (comprehension, speaking, reading, and writing) and the understanding of Italian culture. Pass/No Pass Option

ITAL 001B BEGINNING ITALIAN
5 units
Lecture 5 units; lab 0 units
Prerequisite: ITAL 001A
Acceptable for credit: University of California, California State University
This course continues the development of basic skills for communication in Italian - listening, speaking, reading, writing - and offers further exploration of the Italian culture begun in Italian 001A. It covers more complex grammar and communicative functions, such as narrating an event in the past, expressing one's opinions using subjunctive, and giving formal and informal commands. Pass/No Pass Option

ITAL 002A INTERMEDIATE ITALIAN
5 units
Lecture 5 units; lab 0 units
Prerequisite: ITAL 001B
Acceptable for credit: University of California, California State University
ITAL 002A is designed as a continuation of ITAL 001B. This course covers culture and facilitates language acquisition through high-level listening, speaking, reading, and writing. Content is expanded beyond “survival” needs of the immediate environment and covers intermediate linguistic functions such as expressing personal opinions, making suggestions on familiar topics, and making plans, as well as on some abstract issues. High frequency structures and high level vocabulary are covered in the course as more complex discourse is presented. Pass/No Pass Option

ITAL 002B INTERMEDIATE ITALIAN
5 units
Lecture 5 units; lab 0 units
Prerequisite: ITAL 002A
Acceptable for credit: University of California, California State University
ITAL 002B is a continuation of ITAL 002A. It covers culture and facilitates language acquisition through listening, speaking, reading, and writing on complex topics. It emphasizes interaction with authentic language in context in complex circumstances. Relying on the language foundations acquired in the previous levels, the course expands vocabulary and analyzes grammar topics in depth. Critical thinking and analysis of linguistic structures and techniques for reflecting on and making cross-cultural comparisons are also emphasized in the course. Pass/No Pass Option

ITAL 011A ITALIAN LABORATORY
0.5 units
Lecture 0 units; lab 0.5 units
Advisory: ITAL 001A
Acceptable for credit: California State University
This is a laboratory course designed to give students the opportunity to improve and reinforce their Italian language skills. The focus is on speaking and listening. It allows students the opportunity to improve and reinforce their language skills and increase their knowledge of the culture of Italian speaking countries through study of movies, using a variety of technologies, media, Internet resources, and films. This course is recommended for students enrolled in Italian 1A to further enhance 1A course material, but it may be taken independently. Pass/No Pass Option

ITAL 011B ITALIAN LABORATORY
0.5 units
Lecture 0 units; lab 0.5 units
Advisory: ITAL 001B
Acceptable for credit: California State University
This is a laboratory course designed as a continuation of Italian 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, and films. This course is recommended for students enrolled in German 1A to further enhance 1A course material, and is designed to be taken independently by students who are not enrolled in a foreign language lecture course. Pass/No Pass Option

ITAL 050A BASIC ITALIAN CONVERSATION AND CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
Designed for those desiring a less structured, more practical conversational approach, this course emphasizes conversation and vocabulary building. A variety of classroom activities permits the students to use the language while studying it. Cultural topics center on everyday life in Italy, such as food, customs and traditions, and the family. Pass/No Pass Option

ITAL 050B BASIC ITALIAN CONVERSATION AND CULTURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: ITAL 050A
Acceptable for credit: University of California, California State University
This course is a continuation of Italian 50A. Students have the opportunity to increase their vocabulary and knowledge of basic grammatical structures while emphasizing conversation. The culture of Italy is also presented through newspaper and magazine articles and audio-visual materials. Pass/No Pass Option
Japanese

JPNS 001A BEGINNING JAPANESE
5 units
Lecture 5 units; lab 0 units
Acceptable for credit: University of California, California State University
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. The student has the opportunity to be involved in a variety of activities which encourage the creative use of the language in meaningful situations. In addition, students have the opportunity to study various aspects of the culture of the Japanese speaking world. Pass/No Pass Option

JPNS 001B BEGINNING JAPANESE
5 units
Lecture 5 units; lab 0 units
Acceptable for credit: University of California, California State University
This course continues the development of speaking, reading and writing skills, vocabulary, and knowledge of basic Japanese grammar begun 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

JPNS 011A JAPANESE LABORATORY I
0.5 units
Lecture 0 units; lab 0.5 units
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 0A to further enhance 0A course material, but it may be taken independently. Pass/No Pass Option

JPNS 011B JAPANESE LABORATORY II
0.5 units
Lecture 0 units; lab 0.5 units
Advisory: JPNS 001B
Acceptable for credit: California State University
Japanese 011B is designed to give students an opportunity to improve and reinforce their language skills. It reviews Japanese culture using language computer programs, and through a variety of technology, media, Internet resources and films. This course is recommended for students enrolled in Japanese 011A to further enhance 1A course material, but it may be taken independently by students not enrolled in a foreign course. Pass/No Pass Option

JPNS 050A BASIC JAPANESE CONVERSATION & CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is 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 permit the student the opportunity to actively use the language while studying it. The course covers topics on everyday life in Japan today (food, customs and traditions, the family, etc.). This course may be beneficial for people who conduct business with foreign countries and it may enhance the employment skills of students. Pass/No Pass Option

JPNS 050B BASIC JAPANESE CONVERSATION & CULTURE
3 units
Lecture 3 units; lab 0 units
Prerequisite: JPNS 050A
Acceptable for credit: University of California, California State University
This course is designed for those desiring a basic, practical conversational approach to learning a language. The course emphasizes conversation and vocabulary-building with a minimum focus on grammar. A variety of classroom activities permit the student the opportunity to actively use the language while studying it. The course covers topics on everyday life in Japan today (food, customs and traditions, the family, etc.). This course may be beneficial for people who conduct business with foreign countries and it may enhance the employment skills of students. Pass/No Pass Option

Latin

LATN 050A LATIN-GRAMMAR, STRUCTURE AND ROMAN CULTURE
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
This course is designed for students who wish to improve their understanding of foreign language, English, and the literature of ancient writers of Latin. The classroom activities consist of grammar, vocabulary, reading, and translating original passages in Latin classical literature.

Spanish

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

Students must complete the following requirements:
- 60 semester or 90 quarter CSU-transferable units;
- The California State University-General Education-Breadth pattern (CSU GE-Breadth);
- Intersegmental General Education Transfer Curriculum (IGETC) pattern;
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district;
- obtaining a minimum grade point average (GPA) of 2.0;
- earn a grade of C or better in all courses required for the major or area of emphasis.

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

After completing the A.A.-T in Spanish, a student will be able to:
- Communicate at the respective level on common daily topics;
- Speak and convey information with accuracy and pronunciation acceptable to native-speakers of the language;
- Respond with written and spoken expressions of the target language according to the level of study;
- Explain aspects of diverse cultural and global awareness;
- Customize the mode of communication appropriate to the specific audience.

After completing an A.A. degree in Spanish, students will be able to communicate on common daily topics, respond with written and spoken expressions in Spanish, speak and convey information with accuracy and pronunciation acceptable to native speakers of the language, explain aspects of diverse cultural and global awareness relevant to Spanish-speaking countries, and customize the mode of communication appropriate to specific Spanish-speaking audiences, according to the level of study.

Depending on their entry level of Spanish, students can choose among the following courses: SPAN 1A, SPAN 1B, SPAN 2A, SPAN 2B, SPAN 3A, SPAN 3B. Each course is 5 units.

To be awarded an A.A. degree, a student must also complete additional units to meet the college graduation requirements.

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>SPAN 001</td>
<td>Beginning Spanish</td>
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<tr>
<td>SPAN 002</td>
<td>Intermediate Spanish</td>
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<td>SPAN 003</td>
<td>Adv Spanish Oral and Written Composition</td>
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<tr>
<td>ENGL 013</td>
<td>Latino/Chicano Literature</td>
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<td>HIST 016</td>
<td>Mexican-American History</td>
<td>3</td>
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<td>Total Major Units</td>
<td>23-25</td>
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For crosswalk of new subject codes, see page 61

Recommended Course Sequence – Example student selection:

Fall, Year 1 (5 Units):
- SPAN 001A
Spring, Year 1 (5 Units):
- SPAN 001B
Fall, Year 2 (8-10 Units):
- List A Course, SPAN 002A
Spring, Year 2 (5 Units):
- SPAN 002B

SPANISH
A.A. Degree

The Associate of Arts in Spanish (AA in Spanish) requires 20 units of major core courses, which provides students with a solid foundation in the Spanish language and of the cultures of the Spanish-speaking world. The Associate of Arts in Spanish provides students with the necessary coursework to transfer to a four-year university where students will have the opportunity to complete a bachelor's or graduate degree in Spanish.

Acceptable for credit: University of California, California State University

C-ID SPAN 100

This course introduces the fundamentals of Spanish grammar, vocabulary and pronunciation to communicate about topics of everyday life. Emphasis is placed on communication and cultural relevancy. The student has the opportunity to study various aspects of the culture of the Spanish-speaking world. Pass/No Pass Option.
SPAN 001B BEGINNING SPANISH
5 units
Lecture 5 units; lab 0 units
Prerequisite: SPAN 001A
Acceptable for credit: University of California, California State University
C-ID SPAN 110
This course continues the development of basic skills for communication in Spanish - listening, speaking, reading, writing - and offers further exploration of the cultures of the Spanish-speaking world that was begun in Spanish 001A. 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

SPAN 002A INTERMEDIATE SPANISH
5 units
Lecture 5 units; lab 0 units
Prerequisite: SPAN 001B
Acceptable for credit: University of California, California State University
C-ID SPAN 200
SPAN 002A is designed as a continuation of SPAN 001B. This course covers culture and facilitates language acquisition through listening, speaking, reading, and writing. Content is expanded beyond “survival” needs of the immediate environment and covers linguistic functions such as expressing personal opinions, making suggestions on familiar topics, as well as on some abstract issues. High frequency structures and high level vocabulary are covered in the course as more complex discourse is presented. Pass/No Pass Option

SPAN 002B INTERMEDIATE SPANISH
5 units
Lecture 5 units; lab 0 units
Prerequisite: SPAN 002A
Acceptable for credit: University of California, California State University
C-ID SPAN 210
SPAN 002B is designed as a continuation of SPAN 002A. It covers culture and facilitates language acquisition through listening, speaking, reading and writing with complex materials. It emphasizes interaction with authentic language in context in complex circumstances. Relying on the language foundations acquired in the previous levels, the course expands vocabulary and analyzes grammar topics in depth. Critical thinking and analysis of linguistic structures and techniques for reflecting on and making cross-cultural comparisons are also emphasized in the course. This course is taught in Spanish. Pass/No Pass Option

SPAN 003A ADVANCED SPANISH ORAL AND WRITTEN
COMPOSITION
5 units
Lecture 5 units; lab 0 units
Prerequisite: SPAN 002B
Acceptable for credit: University of California, California State University
C-ID SPAN 220
This course is a continuation of SPAN 002B. It is designed to enrich oral and written proficiency, enhance the knowledge of Spanish grammar, develop idiomatic expression, and to prepare students for skilled communication and cultural understanding of the Spanish-speaking world. Students in the course are expected to discuss topics such as culture, tradition, education, and ethics in the target language. Pass/No Pass Option

SPAN 003B ADVANCED SPANISH ORAL AND WRITTEN
COMPOSITION
5 units
Lecture 5 units; lab 0 units
Prerequisite: SPAN 003A or its equivalent
Acceptable for credit: University of California, California State University
C-ID SPAN 230
This course is designed as a continuation of Span 003A. It centers on the intensive use of the Spanish language to further oral and written proficiency. Students have the opportunity to enhance their knowledge of Spanish grammar and develop detailed specialized vocabulary while emphasizing written and oral composition. The course includes an analysis of short works of literature from the Spanish-speaking world and selected contemporary publications. Pass/No Pass Option

SPAN 011A SPANISH LABORATORY
0.5 units
Lecture 0 units; lab 0.5 units
Advisory: SPAN 001A
Acceptable for credit: California State University
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

SPAN 011B SPANISH LABORATORY
0.5 units
Lecture 0 units; lab 0.5 units
Advisory: SPAN 001B
Acceptable for credit: California State University
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 011B 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

SPAN 050A BASIC SPANISH CONVERSATION AND
CULTURE I
3 units
Lecture 3 units; lab 0 units
Acceptable for credit: University of California, California State University
Designed for those desiring a basic, practical conversational approach to learning a language, this course emphasizes conversation and vocabulary building with a minimum of grammar. A variety of classroom activities 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
**SPAN 050B BASIC SPANISH CONVERSATION AND CULTURE II**
3 units
Lecture 3 units; lab 0 units
Advisory: SPAN 001A
Prerequisite: SPAN 050A
Acceptable for credit: University of California, California State University
This course is a continuation of Spanish 50A. Students have the opportunity to increase their vocabulary and knowledge of basic grammatical structures while emphasizing conversation. The cultures of Spanish-speaking countries is presented through newspaper and magazine articles as well as a variety of audiovisual materials. Pass/No Pass Option

**SPAN 051A INTERMEDIATE SPANISH CONVERSATION AND CULTURE I**
3 units
Lecture 3 units; lab 0 units
Advisory: SPAN 001B
Prerequisite: SPAN 050B
Acceptable for credit: University of California, California State University
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

**SPAN 051B INTERMEDIATE SPANISH CONVERSATION AND CULTURE II**
3 units
Lecture 3 units; lab 0 units
Advisory: SPAN 001B
Prerequisite: SPAN 051A
Acceptable for credit: University of California, California State University
This course is a continuation of SPAN 051A. Conversation is emphasized, along with vocabulary acquisition and idiomatic expression. This course includes cultural topics and a review of basic grammar principles, as well as the finer points of Spanish grammar, such as future, subjunctive, conditional tenses, among others. Discussion topics are chosen from current newspapers and magazines. Pass/No Pass Option

**SPAN 070A SPANISH FOR MEDICAL PROFESSIONALS - BEGINNERS**
3 units
Lecture 3 units; lab 0 units
Advisory: SPAN 001A or understanding of basic Spanish
Acceptable for credit: California State University
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 request. Pass/No Pass Option

**SPAN 070B SPANISH FOR MEDICAL PROFESSIONALS - INTERMEDIATE**
3 units
Lecture 3 units; lab 0 units
Advisory: SPAN 070A
Acceptable for credit: California State University
This course is the second course in a series of two and is intended for students who are interested in the medical field utilizing the Spanish language. In this advanced course, students are provided the opportunity to expand their medical terminology and grammar. Students have the opportunity to experience a wider range of communicative settings related to the medical field. Topics include pre-natal care, pediatrics, immunizations, dermatology, and optometry. Medical and cultural topics related to the Hispanic community include childhood hunger, the role of midwives, and drug abuse among Latinos. Pass/No Pass Option

**Zoology**

**PRINCIPLES OF ZOOLOGY**
(See Biology)