### SPRING SEMESTER 2020  January 25 - May 22

**Continuing students** receive priority by e-mail or in the mail. Week of October 28

Web reg. Beginning November 12

Concurrent enrollment students submit complete packet. Beginning October 21

First day of classes. January 27

Last day to ADD a semester length class is. February 9

Last day to ADD short term classes. 20% of total days

Last day to DROP a semester length class without a “W” and with refund is. February 9

Last day to DROP a short term class without a “W” and with refund. 10% of total days

Deadline to Petition for AA-T/AS-T for Spring Graduation. February 18

President’s Holiday (All Offices Closed, No Saturday classes). February 14 - 17

Deadline to Petition for Spring Graduation. March 16

Deadline to submit P/NP option form. March 2

Financial aid students in semester length classes must persist beyond this date in order to avoid returning financial aid funds. April 8

Last day to DROP a semester length class with a “W” is. April 25

Last day to DROP a short term class with a “W” is. 75% of total days

Cesar Chavez Observance (All Offices Closed). March 31

Spring Break. March 30 - April 4

Final exams. May 16 - 22

Graduation. May 21

Memorial Day Holiday (All Offices Closed). May 25

Once grades are posted they are available on the WVCPortal.

### ACCOUNTING

**NOTE:** The Accounting Department will hold a FREE Information Session for new and interested students on: Wed., January 22, 2020 at 6:30 pm in the Glicker Building.

#### ACCT 010  FINANCIAL ACCOUNTING

Advisory: MATH 902. This is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis. Includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. Transfer: CSU/UC

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### ACCT 011  ACCOUNTING FUNDAMENTALS - MANAGERIAL

Prerequisite: ACCT 010. Topics covered include basic cost concepts, job order and process cost systems, activity based costing, cost behavior, cost-volume-profit planning, profit planning and budgeting, responsibility accounting and flexible budgeting, standard costing and variance analysis, decision-making, capital expenditure budgeting, and ethical issues. Transfer: CSU/UC

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**NOTE:** This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

- **PREREQUISITES and COREQUISITES** are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
- Courses used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.
- **ADVISORY** is a recommended preparation, not a REQUIREMENT.
- **IMPORTANT FEE INFORMATION:** Enrollment fees for community colleges are set by the state of California.

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[Continued on next page.]
**ADMJ 002  CONCEPTS OF CRIMINAL LAW**
This course offers an analysis of the doctrines of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper-division criminal justice course will build. The course will also include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crimes. Transfer: CSU/UC

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**ADMJ 003  PRINCIPLES & PROCEDURES OF THE JUSTICE SYSTEM**
Advisory: ADMJ 001. This course covers the legal process from pre-arrest, arrest through trial, sentencings and correctional procedures; a review of the history of case and common law; conceptual interpretations of law as reflected in court decisions; and the study of case law methodology and case research as the decisions impact upon the procedures of the justice system. Transfer: CSU/UC

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**ADMJ 004  LEGAL ASPECTS OF EVIDENCE**
This course focuses on the origin, development, philosophy and constitutional basis of evidence. Transfer: CSU

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**ADMJ 005  CRIMINAL INVESTIGATION**
This course addresses the techniques, procedures, and ethical issues in the investigation of crime, including organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process. Transfer: CSU

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**ADMJ 008  JUVENILE PROCEDURES**
This course is an examination of the origin, development, and organization of the Juvenile Justice System as it evolved in the American Justice System. The course explores the theories that focuses on Juvenile Law, courts and processes, and the constitutional protections extended to juveniles administered in the American Justice System Transfer: CSU

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**ADMJ 012  MENTAL HEALTH AND CRISIS MANAGEMENT IN THE CRIMINAL JUSTICE SYSTEM**
The course focuses on how and why individuals with serious mental illness become involved in the criminal justice system, and on how the criminal justice and public mental health systems respond to that involvement. Topics include law enforcement responses, court-based strategies, mental health and corrections, community supervision of individuals with mental illness, violence and mental disorder, and unique challenges associated with female and juvenile populations. Pass/No Pass Option. Transfer: CSU

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**ADMJ 014  ALCOHOL, NARCOTICS AND DRUG ABUSE**
This course is an introduction to the problem of substance abuse. Transfer: CSU

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Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
CLASS INFORMATION — Spring 2020

ADMJ 021 COMMUNITY RELATIONS
This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics may include the consensus and conflicting values in Cultural, Religion, and Law. Transfer: CSU/UC

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ADMJ 023 POLICE REPORT WRITING
This course introduces students to the standards and skills for writing police crime reports. Transfer: CSU

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ADMJ 041 INTRODUCTION TO FORENSICS
This course is a survey of the application of scientific methods to the examination, evaluation and explanation of the physical evidence related to a crime. Transfer: CSU

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ADMJ 100G INTRODUCTION TO CORRECTIONS
This course introduces students to the standards and skills for writing police crime reports. Transfer: CSU

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AMERICAN SIGN LANGUAGE

ASLA 060B AMERICAN SIGN LANGUAGE II
Prerequisite: ASLA 060A. 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. Transfer: CSU

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NOTE: This class meets at Saratoga High School.

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ANTHROPOLOGY

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

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

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

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ANTH 003H HONORS INTRODUCTION TO CULTURAL ANTHROPOLOGY
Honors Introduction to Cultural Anthropology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. Study of the range of cultures of the world, including language, art, religion, political and ecological systems, as well as contemporary issues. Transfer: CSU/UC

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

ANTH 005 ANTHROPOLOGY OF MAGIC, WITCHCRAFT, AND RELIGION
The course is designed to introduce anthropological approaches to the understanding of cultural beliefs in the supernatural. This course considers the forms and functions of supernatural beliefs and rituals in various societies to develop insights into the functional aspects of religious beliefs and institutions in our lives. Pass/No Pass Option. Transfer: CSU/UC

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ARCHITECTURE

NOTE: The Architecture Department will hold a FREE Information Session for new and interested students on: Wed., January 22, 2020 at 6:30 pm in the Cilker Building.

ARCH 045 ARCHITECTURAL BUILDING CODES
This course covers the building permit process and definition of building codes as described in the International Building Code. The course emphasizes use and occupancy, special use and occupancy, building heights and areas, type of construction, fire-resistive construction, interior finishes, fire-protection systems, means of egress, accessibility, interior environment, energy efficiency, exterior walls, roof assemblies, structural provisions, building materials and systems, and existing structures. Pass/No Pass Option. Transfer: CSU

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ARCH 046 HISTORY OF ARCHITECTURE
This course is a study of the world history of architecture from pre-history to 1945. The course content includes the study of Roman concurrences, the triumph of Christ (early Christian architecture) to Absolutism, Bourgeoisie, European architecture 1600-1750, architecture for a new world, and Victorian Environments. Pass/No Pass Option. Transfer: CSU/UC
32162 MW 9:20AM - 10:45AM B Cox CIL 126 3.00

ARCH 047 HISTORY OF MODERN ARCHITECTURE
This course is a study of modern world architectural history from 1945 to the present. The influences of the industrial revolution and the old world in contemporary architecture are also discussed. Pass/No Pass Option. Transfer: CSU/UC
N 30053 TTh 5:15PM - 6:40PM C Clancy CIL 131 3.00

ARCH 050 CONSTRUCTION MATERIALS & METHODS
This course is a study of various building materials, their methods of installation, and it provides an overview of the structural concepts of building design. Pass/No Pass Option. Transfer: CSU
N 30061 MW 5:15PM - 6:40PM R Smith CIL 126 3.00

ARCH 051 ARCHITECTURAL GRAPHICS: DRAWING & SKETCHING
This course is a study of the basic techniques of drafting and sketching as it relates to architectural graphic communication. Students have opportunities to develop visual literacy, freehand sketching techniques, and an understanding of perspective. This course also covers natural and man-made forms and basic architectural rendering. Pass/No Pass Option. Transfer: CSU/UC
N 30063 MW 7:00PM - 10:00PM F Javanmardian CIL 126 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 8:30PM - 10:00PM and W from 7:00PM - 10:00PM.

ARCH 052 ARCHITECTURAL GRAPHICS: COLOR RENDERING
This course is a study of three-dimensional representations using various color media as it relates to architectural and environmental graphic communication. Students have opportunities to develop visual literacy, three-dimensional drawing techniques, and an understanding of color rendering. Additional topics include natural and human-made forms and advanced architectural color rendering. Pass/No Pass Option. Transfer: CSU/UC
32163 MW 10:50AM - 1:55PM S Aminianjbar CIL 126 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M 12:30PM - 1:55PM and W 10:50AM - 1:55PM.
30066 TTh 3:00PM - 6:05PM A Parsano CIL 126 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 4:40PM - 6:05PM and Th from 3:00PM - 6:05PM.

ARCH 053 INTRODUCTION TO ARCHITECTURAL AND ENVIRONMENTAL DESIGN
This course is an overview of the field of environmental design and introduces the design process as a basis for architectural decision-making. Pass/No Pass Option. Transfer: CSU/UC
30067 TTh 1:30PM - 2:55PM S Ghahramani CIL 124 3.00

ARCH 056 BASIC ARCHITECTURAL DESIGN
This course is a study of architectural design principles and methodologies. Students have the opportunity to apply these principles to studio problems of increasing complexity. Various representation techniques are utilized, including sketching, manual graphics and rendering, computer graphics, and architectural model making. Pass/No Pass Option. Transfer: CSU/UC
30069 TTh 9:20AM - 12:25PM A Jubes CIL 126 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 11:00AM - 12:25PM and Th from 9:20AM - 12:25PM.
N 32678 TTh 7:00PM - 10:00PM A Jubes-Flamerich CIL 126 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 8:30PM - 10:00PM and Th from 7:00PM - 10:00PM.

ARCH 058 INTRODUCTION TO REVIT ARCHITECTURE
This course is an introduction to Autodesk Revit Architecture software specifically designed for use by architecture, landscape architecture, interior design, and civil engineering professionals. This course emphasizes the construction of 3D models. Pass/No Pass Option. Transfer: CSU/UC
30071 MW 2:05PM - 5:10PM S Ghahramani CIL 124 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 3:45PM - 5:10PM and W from 2:05PM - 5:10PM.

ARCH 060 GREEN BUILDING & SUSTAINABLE DESIGN
This intermediate level architecture course is a study of green building and sustainable design requirements. Students have opportunities to learn about green building and sustainable design requirements through lectures and case studies. Additional topics include green design strategies: envelope, lighting, heating, cooling, energy production, water and waste. Pass/No Pass Option. Transfer: CSU
31610 F 9:20AM - 12:30PM W Liskamm CIL 126 3.00

ARCH 061 ARCHITECTURAL DESIGN 1
Prerequisite: ARCH 056. Advisory: ARCH 049 or ARCH 058. This course is an architectural design studio. It introduces a full range of architectural ideas and issues through drawing exercises, analysis of precedents, and exploration of design methods. Students develop design skills by conceptualizing and representing architectural ideas and making aesthetic judgments about building design. Design problems range from those of the immediate environment of the individual to that of small social groups. Students develop their architectural creativity by use of software such as Rhino, SketchUp, and Revit. Pass/No Pass Option. Transfer: CSU/UC
30076 MW 9:20AM - 12:25PM S Ghahramani CIL 124 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 11:00AM - 12:25PM and W from 9:20AM - 12:25PM.

ARCH 062 ARCHITECTURAL DESIGN 2
Prerequisite: ARCH 061. This course is an architectural design studio. It covers human, social, technical, and aesthetic factors related to space and form. Additional topics include designing as a conceptual discipline directed at representing architectural ideas and advanced rendering perspectives from a 3D model of a building project. This course emphasizes the creation of a set of construction documents and its context. Pass/No Pass Option. Transfer: CSU/UC
30079 TTh 7:00PM - 10:00PM C Clancy CIL 125 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 8:30PM - 10:00PM and Th from 7:00PM - 10:00PM.

ARCH 063 ARCHITECTURAL DESIGN 3
Prerequisite: ARCH 062. This course is an advanced architectural design studio. Students have the opportunity to develop an understanding of context and precedent in the construction of architectural form, and are introduced to contextual and programmatic densities in addition to circulatory, spatial, and organizational strategies in the design process. Discussions regarding architecture’s role in mediating culture, nature and technology give students the opportunity to develop their architectural vocabulary. Students have the opportunity to develop their architectural creativity by use of software such as Rhino, SketchUp, and Revit. Pass/No Pass Option. Transfer: CSU/UC
32803 MW 9:20AM - 12:20PM S Ghahramani CIL 124 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 10:55AM - 12:20PM and W from 9:20AM - 12:20PM.

ARCH 066 ADVANCED REVIT ARCHITECTURE
This course focuses on an advanced Autodesk: Revit Architecture software specifically designed for use by architecture, landscape architecture, interior design, and civil engineering professionals. This course familiarizes both novice and experienced 3D artists with the process and capabilities of the Revit tool set. The course focuses on the process of developing projects with Revit. This course emphasizes the creation of a set of construction documents and advanced rendering perspectives from a 3D model of a building project and its context. Pass/No Pass Option. Transfer: CSU
30085 TTh 9:20AM - 12:25PM S Ghahramani CIL 124 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 11:00AM - 12:25PM and Th from 9:20AM - 12:25PM.

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
ARTS 001A  SURVEY OF WESTERN ART I
This course is a general survey of painting, sculpture, and architecture in the Western world from prehistoric through Gothic. Pass/No Pass Option. Transfer: CSU/UC
O 30136 TTh 9:20AM - 10:45AM K Arnold CIL 131 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

ARTS 001B  SURVEY OF WESTERN ART II
This course is a general survey of painting, sculpture, and architecture in the Western world from the Renaissance to the present. Pass/No Pass Option. Transfer: CSU/UC
O 30145 MW 9:20AM - 10:45AM C Napoli Reiss CIL 131 3.00
O 30146 MW 10:55AM - 12:20PM C Napoli Reiss ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

ARTS 001C  SURVEY OF MODERN ART
This course is a general survey of painting, sculpture, and architecture in the Western modern world of the 19th and 20th centuries. Pass/No Pass Option. Transfer: CSU/UC
O 30147 MW 10:55AM - 12:20PM C Napoli Reiss CIL 131 3.00

ARTS 001E  DESIGN IN SOCIETY
This course provides a thematic and a chronological introduction to major types of design around the globe from prehistory to the present and are compared. Works by designers from many diverse cultures are studied and compared within their historical and cultural contexts including issues of economic and social class. Pass/No Pass Option. Transfer: CSU/UC
O 30148 TTh 10:55AM - 12:20PM K Arnold CIL 131 3.00

ARTS 004  ART APPRECIATION
This is an introductory overview to general trends and concepts of visual expression. Art objects under study are considered both as aesthetic entities in themselves and as crystallization of thoughts and beliefs during different periods of history. Students gain greater awareness of processes and media required to create art. Pass/No Pass Option. Transfer: CSU/UC
O 30210 K Arnold ONLINE 3.00
SECTION #30210 BEGINS 03/16/20 CLASS ENDS 05/13/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

ARTS 010  AMERICAN ART: A MULTICULTURAL APPROACH
This course is a multicultural history of American Art pre-colonial to contemporary times. The course examines the multiple histories and identities present in American art and culture providing understanding and awareness of their participation within America's visual expression. Pass/No Pass Option. Transfer: CSU/UC
O 30212 K Arnold ONLINE 3.00
SECTION #30212 BEGINS 03/16/20 CLASS ENDS 05/13/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

ARTS 014  WOMEN IN ART HISTORY
This course is a survey of women in Western Art. Specifically, it traces the representation of Woman in art history, the emergence of the female artist, and the examination of feminist theory in art history. It includes an examination of the major art periods, theories, criticism, and feminist criticism. Pass/No Pass Option. Transfer: CSU/UC
O 30214 C Napoli Reiss ONLINE 3.00
SECTION #30214 BEGINS 03/16/20 CLASS ENDS 05/13/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

ART: DRAWING/Painting

ARTS 031A  BEGINNING DRAWING
This is a beginning drawing course for students with no former drawing experience. Students draw natural and human-made forms from observation directed toward realistic rendering of objects. Students receive an introduction to pictorial composition and perspective and an introduction to drawing media: pencil, charcoal, conte, and pen and ink. Studio practice emphasizes basic shading principles, techniques and development of "line" qualities of graphic presentation. Students have the opportunity to learn skills, which enable them to develop an aesthetic vocabulary leading to independent critical judgment. Pass/No Pass Option. Transfer: CSU/UC
H 31573 K Arnold ONLINE 3.00
+ LAB K Arnold CIL 115 3.00
NOTE: This is a HYBRID course that meets IN-PERSON and ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.
32064 TTh 10:55AM - 1:20PM H Brueckner ART 38 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 11:55AM - 2:00PM.
32268 MW 2:10PM - 5:15PM M Nobriga ART 9 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:10PM - 5:15PM.
30215 MW 10:55AM - 2:00PM G Tolomei ART 38 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 11:55AM - 2:00PM.
ARTS 031C  REPRESENTATIONAL DRAWING
In this course, students render a physical likeness of three-dimensional forms using black and white media. Pass/No Pass Option. Transfer: CSU/UC
32792 TTh 10:55AM - 2:00PM G Tolomei ART 9 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 11:55PM - 2:00PM.

ARTS 033A  TWO-DIMENSIONAL DESIGN
This course offers an introduction to the principles, elements, and terminology of two-dimensional design. A wide variety of media will be used. Pass/No Pass Option. Transfer: CSU/UC
32065 MW 2:10PM - 5:15PM R Guzman CIL 115 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:10PM - 5:15PM.
O 30237 J Challas ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC home page. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

ARTS 033C  COLOR DESIGN
Advisory: ARTS 033A. Students have the opportunity to refine their basic design skills and use of color concepts based on theory. Projects focus on color attributes such as hue, value, intensity, weight, distance, temperature, color schemes, and color interaction. Pass/No Pass Option. Transfer: CSU/UC
O 30241 J Challas ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC home page. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

ARTS 035A  BEGINNING LIFE DRAWING
This class gives the student the opportunity to study the fundamentals of the human figure by drawing from life in a variety of black and white media. Pass/No Pass Option. Transfer: CSU/UC
32042 MW 10:55AM - 2:00PM R Guzman CIL 115 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 11:55AM - 2:00PM.

ARTS 035B  INTERMEDIATE LIFE DRAWING
This course provides students the opportunity to refine basic figure drawing skills through an emphasis on creative expression. This course emphasizes the concepts of proportion, structure, modeling, movement, and description of the human form. A variety of drawing materials are used including color media. Pass/No Pass Option. Transfer: CSU/UC
N 30244 TTh 5:15PM - 8:20PM C Sicat CIL 115 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 6:15PM - 8:20PM.

ARTS 035C  INTERMEDIATE-ADVANCED LIFE DRAWING
Advisory: ARTS 035B. This course gives students the opportunity to explore an expanded variety of drawing media used in combination with traditional approaches to develop a personal style of life drawing. Expanded theories of composition and color are covered through studio practice and research of the history of life drawing. Pass/No Pass Option. Transfer: CSU/UC
N 32259 TTh 5:15PM - 8:20PM C Sicat CIL 115 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 6:15PM - 8:20PM.

ARTS 035D  ADVANCED LIFE DRAWING
Advisory: ARTS 035C. This course gives students the opportunity to intensify their study of personal artistic direction through developing a cohesive and connected body of life drawings. Projects focus on use of multiple figures, theme development, and refinement of personal style. Studio work is supplemented with research of representations of the human figure in the art of various cultures and eras. Pass/No Pass Option. Transfer: CSU/UC
N 30252 TTh 5:15PM - 8:20PM C Sicat CIL 115 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 6:15PM - 8:20PM.

ARTS 047A  BEGINNING WATERCOLOR
In this class, students are introduced to basic techniques and applications of traditional materials associated with painting in aqueous media. Pass/No Pass Option. Transfer: CSU/UC
30253 MW 10:55AM - 2:00PM M Niven V 16 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 11:55AM - 2:00PM.

ARTS 047B  INTERMEDIATE WATERCOLOR
In this class students have the opportunity to refine their technical skills associated with watercolor and related aqueous media. The focus of this class is on paint handling, using appropriate compositional structure and color necessary to the development of a personal style. Pass/No Pass Option. Transfer: CSU/UC
30256 TTh 2:10PM - 5:15PM R Guzman CIL 115 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:10PM - 5:15PM.

ARTS 047C  INTERMEDIATE-ADVANCED WATERCOLOR
In this class students are introduced to alternative painting surfaces, materials and procedures in combination with traditional watercolor and aqueous media approaches. This class emphasizes advanced theories of color and composition. Further evolution of a personal style is encouraged in this class in combination with art historical research. Pass/No Pass Option. Transfer: CSU/UC
30257 TTh 2:10PM - 5:15PM R Guzman CIL 115 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:10PM - 5:15PM.

ARTS 047D  ADVANCED WATERCOLOR
In this course, students continue their study of personal artistic direction by developing a cohesive body of work within the confines of watercolor or other aqueous media. Projects focus on series and theme development. Studio work is supplemented with painting-oriented research, writing, and verbal appraisals. Pass/No Pass Option. Transfer: CSU/UC
30259 TTh 2:10PM - 5:15PM R Guzman CIL 115 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:10PM - 5:15PM.

ARTS 049A  BEGINNING PAINTING
Advisory: ARTS 049A and ARTS 033A. This course is an introduction to basic processes and elements of painting techniques, materials, and tools. Pass/No Pass Option. Transfer: CSU/UC
32872 MW 3:10PM - 6:15PM K Mencher ART 38 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 4:10PM - 6:15PM.
30260 TTh 10:55AM - 2:00PM H Brueckner ART 38 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 11:55AM - 2:00PM.

ARTS 049B  INTERMEDIATE PAINTING
Advisory: ARTS 049A. In this course refinement of basic painting skills, paint handling, structure and volume, perspective, composition, and color theory are studied. Pass/No Pass Option. Transfer: CSU/UC
30262 F 8:15AM - 2:45PM H Brueckner ART 38 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 10:30AM - 2:45PM.

ARTS 049C  INTERMEDIATE-ADVANCED PAINTING
Advisory: ARTS 049B. In this course personal style in painting is explored through studio practice and research. Pass/No Pass Option. Transfer: CSU/UC
30305 F 8:15AM - 2:45PM H Brueckner ART 38 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 10:30AM - 2:45PM.

ARTS 049D  ADVANCED PAINTING
Advisory: ARTS 049C. In this course students refine and demonstrate personal artistic direction in a cohesive portfolio supported by written and verbal analysis. Pass/No Pass Option. Transfer: CSU/UC
30327 F 8:15AM - 2:45PM H Brueckner ART 38 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 10:30AM - 2:45PM.
ART: ANIMATION & DIGITAL MEDIA

ARTS 055 INTRODUCTION TO COMPUTER ARTS
This course provides students with an opportunity to explore fundamental theories and methods of creating Computer Art and the impact of technology on 20th century art production. It introduces students to digital imaging, digital video/animation and interactive authoring which utilizes hands-on contemporary art strategies. Transfer: CSU/UC

32265 MW 10:45AM - 2:00PM M Nobriga CIL 125 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets from 11:55AM - 2:00PM.
O 30381 J Challas ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

ARTS 057A ANIMATION I
This course provides students with a comprehensive introduction to the production of computer generated art imagery. It covers fundamental modeling techniques, texture mapping, lighting, rendering, and basic animation concepts. Transfer: CSU

30392 MW 10:55AM - 2:05PM C Cryer CIL 120 4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 12:40PM - 2:05PM. This course uses Autodesk MAYA 2019 on the Macintosh platform.

32261 TTh 10:55AM - 2:05PM C Cryer CIL 120 4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 12:40PM - 2:05PM.

ARTS 057B ANIMATION II
Prerequisite: ARTS 057A. This course provides students with the opportunity to develop intermediate computer generated imaging (CGI) skills. Topics include mechanical and organic modeling, UV mapping and shading, best practices for lighting with default render engines, basic bi-pedal character rigs, rendering parameters for basic editing. Transfer: CSU

30393 MW 2:10PM - 5:15PM C Cryer CIL 123 4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:50PM - 5:15PM. This course uses Autodesk MAYA 2019 on the Macintosh platform.

ARTS 057C ANIMATION III
Prerequisite: ARTS 057B. This course provides students with the opportunity to develop intermediate to advanced computer generated imaging (CGI) skills. Topics include realistic organic modeling and UV mapping, multi-node shading networks, photo-real lighting environments, advanced rigging/set-up and animation techniques, including dynamic simulations, rendering and editing. Transfer: CSU

H 32072 MW 2:10PM - 5:15PM C Cryer CIL 123 4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:50PM - 5:15PM.

ART: PHOTOGRAPHY

ARTS 062A BASIC PHOTOGRAPHY
This course is an introduction to the processes, principles, and tools of photography. Topics include the development of technical and aesthetic skills, elements of design and composition, camera technology, materials and equipment, and contemporary trends in photography. This course is an investigation of the historical and practical aspects of photography as an art form. This course offers students the opportunity to gain a solid understanding of the theory and practice of photography by developing a point of view about the variety of possibilities for the photographic image in our culture. Pass/No Pass Option. Transfer: CSU/UC

30413 TTh 10:55AM - 2:00PM D Fenstermacher V 13 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 11:55AM - 2:00PM.
O 30409 D Fenstermacher ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

ARTS 062B INTERMEDIATE PHOTOGRAPHY
Advisory: PHOTO 101 or ARTS 062A. This course continues the investigation of the historical and practical aspects of photography with a focus on the black and white image. Students have the opportunity to examine not only their own work, but the work of masters in the field to gain a better understanding of the tools necessary to create more compelling compositions. Pass/No Pass Option. Transfer: CSU/UC

31632 MW 2:00PM - 5:10PM D Fenstermacher V 13 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:10PM - 5:15PM.

ARTS 095 NEW MEDIA AND SOCIAL CHANGE
This course investigates how web-based technologies, internet multi-media, and photography have assisted in causing social change around the world through image. Pass/No Pass Option. Transfer: CSU/UC

O 30417 L Louden ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

ART: SCULPTURE & CERAMICS

ARTS 065A CERAMICS-HANDBUILDING
This course is an introduction to two- and three-dimensional ceramic design, focusing on clay compositions, decoration techniques and hand-building techniques. This course includes art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students an opportunity to develop awareness and vocabulary leading to critical thinking and exploration of the physical properties of clay for creative expression. Pass/No Pass Option. Transfer: CSU/UC

30384 MW 9:15AM - 12:20PM M Fabian ART 32 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 10:15AM - 12:20PM.

31636 TTh 2:10PM - 5:15PM J Feld ART 32 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:10PM - 5:15PM.

ARTS 065B CERAMICS-HANDBUILDING II
This is an intermediate course in ceramics hand-building techniques, kilns, clay body construction, and ceramic decorative effects. The course includes further development of 3-D design concepts, self expression, as well as art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students the opportunity to develop a critical awareness and vocabulary leading to independent critical thinking. Pass/No Pass Option. Transfer: CSU/UC

N 30385 TTh 6:15PM - 9:20PM B Caponi ART 32 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 7:15PM - 9:20PM.

ARTS 065C CERAMICS-HANDBUILDING III
This advanced course explores additional course content and further develops artistic skills including large-scale building, slip-casting, organic burn-out, and various firing techniques. The course gives students an opportunity to develop a critical awareness and vocabulary leading to independent critical thinking. Pass/No Pass Option. Transfer: CSU/UC

N 30387 TTh 6:15PM - 9:20PM B Caponi ART 32 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 7:15PM - 9:20PM.

ARTS 065D ADVANCED HANDBUILT CERAMICS IV
This advanced course focuses on clay formulations, multi-part slip casting, join firing, and creating a consistent body of work with a focus on content and aesthetic. The course gives students an opportunity to develop a critical awareness and vocabulary leading to independent critical judgment. Pass/No Pass Option. Transfer: CSU/UC

N 30389 TTh 6:15PM - 9:20PM B Caponi ART 32 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 7:15PM - 9:20PM.

CLASS INFORMATION — Spring 2020

• PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
• Courses used to meet prerequisite requirements must have been completed with a grade of "C" credit or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
ARTS 067A  CERAMICS-POTTER'S WHEEL
This course is an introduction to wheel throwing and decoration techniques. This course includes vocabulary and art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students an opportunity to develop awareness and vocabulary leading to critical thinking and exploration of the physical properties of clay for functional ware and creative expression. Pass/No Pass Option. Transfer: CSU/UC
31559 TTh 9:15AM - 12:20PM  K Cook  ART 32  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 10:15AM - 12:20PM.

ARTS 067B  CERAMICS-POTTER'S WHEEL
This wheel throwing course directed toward refinement of skills on the wheel, complex thrown ceramics ware, and a combination of hand built and wheel thrown forms. This course includes vocabulary and art theories as they relate to ceramics and a survey of ceramic artists and history. This course gives students an opportunity to develop awareness and vocabulary leading to critical thinking and exploration of the physical properties of clay for functional ware and creative expression. Pass/No Pass Option. Transfer: CSU/UC
32267 MW 2:10PM - 5:15PM  R Ashman  ART 32  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:10PM - 5:15PM.

ARTS 081  3-DIMENSIONAL DESIGN
This course focuses on theory and application of three-dimensional form in visual art and design. It provides studio practice in the fundamental elements and principles of designing objects in 3-dimensions. A variety of media is used. Pass/No Pass Option. Transfer: CSU/UC
31624 MW 2:10PM - 5:15PM  M Fabian  ART 30  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:10PM - 5:15PM.
32783 F 9:15AM - 3:30PM  K Bornhoft  ART 30  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 11:15AM - 3:30PM.

ARTS 088B  METAL SCULPTURE CASTING
This course is a continuation of metal casting in bronze and aluminum using investment molds, ceramic shell molds, and green sand casting. Students will learn how to cast larger, more complicated forms, patina application, and welding. Contemporary and historical art movements and concepts are discussed. This course gives students an opportunity to develop critical awareness and vocabulary leading to independent critical thinking. Pass/No Pass Option. Transfer: CSU/UC
32269 TTh 10:55AM - 2:00PM  M Fabian  ART 30  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 11:55AM - 2:00PM.

ASTRONOMY
ASTR 005  PLANETARIUM ASTRONOMY
Naked eye astronomy is taught using the planetarium as a space simulator and teaching tool. Students have the opportunity to find and recognize northern hemisphere constellations and identify their brightest stars. The motion of the starry skies including celestial viewing of moon and planets is studied. Telescopes and methods of analyzing starlight are introduced. A brief history of astronomy from an earth centered to expanding universe view is presented. Planetarium astronomy makes use of our campus planetarium and visits to Bay Area planetarium(s). This class is also useful to prospective teachers and youth leaders. Pass/No Pass Option. Transfer: CSU
N 31619 M 6:00PM - 8:05PM  B Mendelsohn  KVA PLANET 2.00

ASTR 014  LIFE IN THE UNIVERSE
This course considers the origin and evolution of life on Earth and the possibility of life elsewhere in the Universe. We study the chemical basis for life, the limits of life on earth, look for the markers of life in other places in the solar system and examine the possibilities for life outside of the solar system. Pass/No Pass Option. Transfer: CSU/UC
30519 TTh 9:20AM - 10:45AM  R Mastrapa  SM 48  3.00

ASTR 020  FAMILY OF THE SUN
This is an introductory course in astronomy for the non-science major. Topics include study of the night sky and the motions of the objects in the heavens as seen from Earth, examination of the structure and behavior of the Solar System and its contents, planetary geology, planetary atmospheres, the search for other solar systems and the possibility of the existence of extraterrestrial life. Laboratory work includes observation and application of concepts discussed in lectures, computer simulations, planetarium simulations, and field work. Pass/No Pass Option. Transfer: CSU/UC
31620 MW 2:05PM - 3:30PM  D Epperson  KVA PLANET 4.00
+ LAB MW 3:40PM - 5:05PM  D Epperson  SM 48

ASTR 021  LIFESTYLES OF THE STARS
This is an introductory course in astronomy for the non-science major. Topics include study of the night sky and the motions of the objects in the heavens as seen from Earth, study of the birth, life and death of stars including Einstein's theory of relativity as applied to black holes. Laboratory work includes observation and application of concepts discussed in lectures, computer simulations, planetarium simulations, and field work. Pass/No Pass Option. Transfer: CSU/UC
31621 TTh 2:05PM - 3:30PM  B Mendelsohn  KVA PLANET 4.00
+ LAB TTh 3:40PM - 5:05PM  B Mendelsohn  SM 48
N 32398 TTh 6:30PM - 7:55PM  B Mendelsohn  KVA PLANET 4.00
+ LAB TTh 8:05PM - 9:30PM  B Mendelsohn  SM 48

AVIATION
NOTE: The Unmanned Aircraft Tech (drone) Program will hold a FREE Information Session for new and interested students on: Wed., January 22, 2020 at 6:30 pm in the Cilker Building.

AVIA 030C  UAS IMAGE ANALYSIS AND VISUALIZATION
This course is designed to develop image analysis skills to allow for the student to create 3-D visualizations for 3-D modeling. These visualizations are to be used to analyze the subjects of the imagery acquired through use of Unmanned Aircraft. Transfer: CSU
N 30521 T 6:30PM - 9:40PM  C Cruz  CIL 123 3.00

AVIA 030D  UAS FLIGHT OPERATIONS AND FLIGHT PLANNING
This course provides students with the opportunity to develop skills to operate and plan flights, including both fixed wing and rotor wing aircraft. Transfer: CSU
30522 F 9:00AM - 2:25PM  C Cruz  CIL 116 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 11:15AM - 2:25PM.

BIOLOGY
NOTE: The Biology Department will hold a FREE Information Session for new and interested students on: Wed., January 22, 2020 at 6:30 pm in the Cilker Building.

BIOL 002  ENVIRONMENTAL BIOLOGY
This survey course provides a foundation in environmental issues such as global warming, overfishing, endangered species, human population growth, habitat destruction, energy usage, air and water pollution, resource usage as well as over-consumption in an effort to build sustainable solutions towards solving these problems. Transfer: CSU/UC
30693 TTh 2:05PM - 3:30PM  P Svensson  SM 33 3.00
O 30694 P Svensson ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvc.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalleycollege.edu/classes/online.html for class and instructor contact information.
Biology 101: Introduction to Biology

This introductory biology course explores infectious diseases, parasites, and human immunity. The course begins with a survey of infectious disease agents, including emerging pathogens, agents of bio-terrorism, and newer complications seen in ancient diseases. The course continues by examining how the human immune system responds to these infections and helps students interpret epidemiological patterns of disease in human populations.

Transfer: CSU/UC

BIOL 101L - Introduction to Biology Lab

This introductory laboratory class in general biology is designed for non-science majors and covers topics in ecology, evolution, anatomy, cell and molecular biology, and genetics. Transfer: CSU/UC

BIOL 002L - Environmental Biology Laboratory

Co-requisite or Prerequisite: BIOL 002. This course is an introduction to methods and analysis in environmental biology in both laboratory and field settings. It includes an introduction to and applications of the scientific method. Principles of ecology, environmental science, sustainability are explored. Transfer: CSU/UC

BIOL 014 - California Plants and Animals

This non-major course surveys the biological principles of marine science. It provides an overview of the oceanic environment and examines the diversity of marine life, basic ecological principles, major ocean ecosystems and marine conservation issues. Local marine flora and fauna of the San Francisco and Monterey Bay are surveyed in laboratory and field studies. Transfer: CSU/UC

BIOL 023 - Introduction to Infectious Diseases

This introductory biology course explores infectious diseases, parasites, and human immunity. The course begins with a survey of infectious disease agents, including emerging pathogens, agents of bio-terrorism, and newer complications seen in ancient diseases. The course continues by examining how the human immune system responds to these infections and helps students interpret epidemiological patterns of disease in human populations. Transfer: CSU/UC

BIOL 018 - Marine Biology

This non-majors course surveys the biological principles of marine science. It provides an overview of the oceanic environment and examines the diversity of marine life, basic ecological principles, major ocean ecosystems and marine conservation issues. Local marine flora and fauna of the San Francisco and Monterey Bay are surveyed in laboratory and field studies. Transfer: CSU/UC

BIOL 002 - Lab Technician Methods

Co-requisite: BIOL 043 or BIOL 045. This course covers basic concepts and common methods used by biotech and chemistry lab technicians, including making solutions and media and using of pH meters, autoclaves, steril and fume hoods, micropipette and microscopes. Important practices such as aseptic and sterile technique, lab safety and proper waste disposal are also discussed and demonstrated. Transfer: CSU/UC

BIOL 011 - Human Biology

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

Required Fees:
- Important Fee Information: Enrollment fees for community colleges are set by the state of California.
BIOL 026 CERTIFIED QUALITY IMPROVEMENT
This course is designed to combine the content on the Certified Quality Improvement Associate (CQIA) certification exam from the American Society for Quality with an exploration of bioscience industry regulation. The CQIA certification covers the basics of quality, teamwork, and customer supplier relations. This course provides this information in the context of the biotech and biomedical workplace. Pass/No Pass Option. Transfer: CSU
O 32314 A Steinhardt ONLINE 1.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BIOL 035 BIOLOGY OF BIRDS
This course introduces the natural history and biology of birds. The anatomy, ecology, diversity, behavior, and identification of birds is explored through lectures, laboratories, and field trips. The biology of California birds is empha-
sized. Transfer: CSU/UC
W 32315 F 9:20AM - 12:30PM P Svensson SM 34 4.00
+ LAB S 9:00AM - 12:10PM P Svensson SM 56
NOTE: First class meeting is Saturday 1/25.

BIOL 036 ANIMAL BEHAVIOR
Have you ever wondered why animals behave the way they do? This course will explore different aspects of animal behavior ranging from the hardships of growing up, capturing food, escaping, migrating, finding your way, commun-

BIOL 038 BIODIVERSITY AND EXTINCTION: HOTSPOTS
The class surveys the biodiversity on Earth with an emphasis on plants and animals as well as the worldwide environmental crisis. Transfer: CSU/UC
O 30721 R Anderson ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BIOL 041 PRINCIPLES OF ANIMAL BIOLOGY
Prerequisites: BIOL 010 or BIOL 011 or equivalent high school Biology course and MATH 106 or 106R. Advisory: BIOL 043. Principles and concepts of animal biology through the comprehensive study of the diversity, ecology, evolution, structure, physiology, and natural history of animals. Transfer: CSU/UC
30722 TTh 12:30PM - 1:55PM P Svensson SM 33 5.00
+ LAB TTh 9:20AM - 12:30PM P Svensson SM 56

BIOL 042 PRINCIPLES OF PLANT BIOLOGY
Prerequisite: MATH 106 or 106R. Advisory: BIOL 043. This course for biology majors surveys basic principles of the plant sciences by examining all levels of biological organization. It provides an overview of plant diversity, ecology, evolution, morphology, anatomy, physiology, and biochemistry. In addition to plants, fungi, algae, and cyanobacteria are also examined. Laboratory activi-
ties include microscopic work, experimental physiology, and studies of bio-
diversity, natural history and ecology. Field trips to several ecosystems in the bay area provide numerous opportunities to study local flora. Transfer: CSU/UC
30723 MW 9:20AM - 10:45AM M Geary SM 33 5.00
+ LAB MW 10:55AM - 2:05PM M Geary SM 56

BIOL 043 PRINCIPLES OF CELL BIOLOGY
Prerequisites: CHEM 001A, MATH 106 or MATH 106R, and BIOL 010. BIOL 011, or successful completion of any college Biology course. A compre-

BIOL 045 MICROBIOLOGY
Prerequisites: BIOL 010 or BIOL 011 or successful completion of any college biology course; and CHEM 002 or CHEM 001A or CHEM 030A or successful completion of any college chemistry course. This course is an introduc-
tion to bacteria, viruses, algae, fungi, and protozoa and their relationship to human life and health. The laboratory emphasizes the morphology, culture, and biochemistry of microorganisms. This course is designed for nursing and other majors in the health sciences. This is an information competency infused course. Transfer: CSU/UC
30725 MW 10:55AM - 12:20PM Hackworth FOX 120 5.00
+ LAB MW 7:40AM - 10:50AM C Hackworth SM 57
30726 MW 10:55AM - 12:20PM Hackworth FOX 120 5.00
+ LAB MW 12:50PM - 2:00PM C Hackworth SM 57
N 32316 TTh 5:45PM - 7:15PM A Steinhardt SM 34 5.00
+ LAB TTh 7:15PM - 9:25PM A Steinhardt SM 67

BIOL 047 HUMAN ANATOMY
Prerequisite: BIOL 010 or BIOL 011 or successful completion of an equiva-

BIOL 048 HUMAN PHYSIOLOGY
Prerequisites: BIOL 047; CHEM 001A or CHEM 002 or CHEM 030A. Principles and concepts of physiology through comprehensive study of the regulation, cell structure and function, and integration of the major organ systems of the human body. Transfer: CSU/UC
30730 TTh 7:45AM - 9:10AM N Norris SM 36 5.00
+ LAB TTh 9:20AM - 12:30PM N Norris SM 52
30731 TTh 7:45AM - 9:10AM N Norris SM 36 5.00
+ LAB TTh 12:50PM - 2:50PM N Norris SM 52

BIOL 058 FIELD ECOLOGY
This course for non-majors explores field ecology of plant and animal commu-
nities. The course includes class discussion followed by field trip(s) to selected region(s). Transfer: CSU/UC
30732 F 10:15AM - 12:20PM L Gallardo SM 58 3.00
+ LAB L Gallardo OFFCMP
NOTE: This section meets both in the classroom and in the field. The first day of class is Friday 1/31/20 from 10:15am-12:20pm in SM 58. Additional classroom meetings are scheduled for 2/7, 2/21, 2/28, 3/6, 3/12, 3/20 and 4/10. The field trip meets Friday 3/27/20, through Wednesday 4/01/20. Students are responsible for travel, meals, and camping equipment, plus related expenses. For more information, contact Leticia Gallardo: leticia.gallardo@westvalley.edu, (408) 741-2416 or visit http://instruct.westvalley.edu/leticia-gallardo/.

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

NOTE: The Business Department will hold a FREE Information Session for new and interested students on: Wed., January 22, 2020 at 6:30 pm in the Cilker Building.

BUSN 005 INTRODUCTION TO PROJECT MANAGEMENT
Students have the opportunity to manage a project’s scope from inception to completion in order to successfully organize, implement, and complete project assignments. MS Project software and case studies are used to clarify concepts such as: project scope, task scheduling, resource allocations, vendor relationships, and managing risk. The significant link between Project Management and achieving organizational goals and objectives is emphasized. Pass/No Pass Option. Transfer: CSU
O 31607 K Dundurs ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BUSN 015 THE ENTREPRENEURIAL MINDSET
The Entrepreneurial Mindset course analyzes social and business entrepreneurs throughout history and around the world. Students are encouraged to develop their own personal “entrepreneurial mindset” approaches for achieving their goals and aspirations. Pass/No Pass Option. Transfer: CSU
O 31533 MW 9:20AM - 10:45AM T Forman CHE 120 3.00

BUSN 024 INTERNATIONAL BUSINESS MANAGEMENT
This course is an introduction to globalization and the cultural, economic, political, and legal environments of international business including an overview of risks, challenges, and opportunities in the global marketplace. Pass/No Pass Option. Transfer: CSU/UC
O 32892 P Stokke ONLINE 3.00
SECTION #32892 BEGINS 03/02/20 CLASS ENDS 05/01/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BUSN 028 BUSINESS LAW
This is an introduction to law relating to conduct of business, the meaning and sources of law, organization of courts and court procedures, and fundamental principles of the law of contracts and agency. A fundamental understanding of common law principles is achieved by analyzing selected cases and court decisions. Pass/No Pass Option. Transfer: CSU/UC
O 30360 MW 9:20AM - 10:45AM L Shoemaker CHE 123 3.00
O 30107 MW 10:55AM - 12:20PM L Shoemaker CHE 123 3.00
O 31606 MW 12:30PM - 1:55PM T Forman CHE 123 3.00
H 32145 T 7:45AM - 9:10AM K Schock CHE 120 3.00
NOTE: This is a HYBRID course that meets weekly IN-PERSON and ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.
N 31700 T 6:30PM - 9:40PM J Foster CHE 122 3.00
O 30361 L Yurtseven ONLINE 3.00
SECTION #30361 BEGINS 04/06/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.
O 30359 L Yurtseven ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BUSN 034 HUMAN RESOURCE MANAGEMENT
This course is an in-depth study of human resources management in public and private organizations. Specific areas of human resource management to be studied are: the principles and methods involved in recruitment, selections and placement of employees; affirmative action programs, training and development; performance appraisals; compensation and benefits; legal aspects of human resources administration; and government regulations and statutes. Pass/No Pass Option. Transfer: CSU
O 30362 P Stokke ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BUSN 036 STRATEGIC MANAGEMENT
Strategic Management explores up-to-date, state-of-the-art planning concepts and techniques for achieving competitive advantage in today’s dynamic business environment. It includes strategy formation, implementation and evaluation processes with a special focus on globalization, the natural environment, start-up organizations and entrepreneurship. Pass/No Pass Option. Transfer: CSU
O 30363 M Kincaid ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BUSN 040 SALES STRATEGIES
This course includes the nature and concept of sales principles and strategies. This course covers careers in selling in various fields. This course examines how to prospect, qualify, and make an effective sales presentation. Students taking this class have the opportunity to learn how to succeed in sales regardless of their chosen field. Motivation of the customer, handling customer objections and complaints, closing the sale, and follow up procedures are explored in depth. Pass/No Pass Option. Transfer: CSU
O 30364 K Schock ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BUSN 044 PRESENTATION, POWERPOINT
Students in this course are given the opportunity to learn to use a comprehensive software program. Using templates for formatting text and data organized in outline form, creating overhead transparencies, preparing slide presentations, and printing presentation notes are studied. Pass Only. Transfer: CSU
O 30365 L Kaaz ONLINE 1.00
SECTION #30365 BEGINS 02/17/20 CLASS ENDS 03/27/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BUSN 046 EXCELLENT WITH EXCEL
This course provides students with the opportunity to learn the capabilities of a spreadsheet program. Students create spreadsheet formats, enter data and formula expressions by storing, retrieving, copying and printing spreadsheet program. Creating graphic representations of data is covered also, and students are introduced to macro capabilities. Pass/No Pass Option. Transfer: CSU
O 30366 K Dundurs ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

• PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
• Courses used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.

CLASS INFORMATION — Spring 2020
BUSN 047 ADOBE ACROBAT AND PDF
This course focuses on using Adobe Acrobat to convert Microsoft documents to the PDF format. Also, the course covers enhancing PDF files with bookmarks, thumbnails, and links. Converting digital forms and web documents to PDF format is covered also. Pass Only. Transfer: CSU
O 30367 J Foster ONLINE 1.00
SECTION #30367 BEGINS 03/23/20 CLASS ENDS 05/22/20 NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BUSN 051 INTRODUCTION TO BUSINESS
This business survey course provides an overview of the various areas of concentration business majors can pursue. The course covers topics such as globalization, human resources, marketing, leadership, information technology, accounting, personal finance, legal issues, and operations management. The course also examines how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business. Pass/No Pass Option. Transfer: CSU/UC

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<td>30372</td>
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<td>L Hammond</td>
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<td>30370</td>
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BUSN 054 SMALL BUSINESS START UP AND MANAGEMENT
This introductory course is designed to develop an overall personal concept of the functions of business and its role in society. The course covers the functions, objectives, ethics, and environment of business to provide students the opportunity to grasp the importance and functioning of a market directed economic system and to understand and appreciate modern business methods and problems. This course includes a study of sole proprietorship, partnership, and corporate functions, international trade and business/government relations, production and products liability, accounting, marketing, personal management, and capital formation and a study of the securities markets. Pass/No Pass Option. Transfer: CSU

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<td>30375</td>
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BUSN 056 MARKETING PRINCIPLES
This course gives students the opportunity to develop an overall understanding of marketing functions and their role in society. This course covers various activities involved in the transfer of goods from producer to consumer. Retail, wholesale, industrial, and online marketing channels and institutions are investigated. The marketing concept, promotional strategies, pricing policies, and international marketing are also explored. Pass/No Pass Option. Transfer: CSU

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<td>30376</td>
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BUSN 061 BUSINESS, GOVERNMENT AND SOCIETY
This class offers students an opportunity to learn about the mutually interdependent nature of business, government, and society. The class focuses on how business affects society and vice-versa. Topics covered in this class include business ethics, government regulation, the global environment of business, and the societal challenges and benefits of business activity. Pass/No Pass Option. Transfer: CSU/UC
O 30379 K Dunbars ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BUSN 066 HUMAN RELATIONS IN BUSINESS
This course is the study of human relations behavior in business organizations. Emphasis is on personal/interpersonal relationships; developing leadership for business success; maximizing human potential to meet present and future challenges by developing teamwork, building commitment, and applying traditional human relations theories to today’s society. Pass/No Pass Option. Transfer: CSU
N 31699 M 6:30PM - 9:40PM | M Bailey | CHE 132 |

BUSN 068 ORGANIZATIONAL BEHAVIOR
Organizational Behavior is a comprehensive, reality-based course that investigates and illustrates behavioral patterns in organizations. Emphasis is on globalization, diversity and ethics using current, real-world examples. It includes three levels of analysis—the individual, the group, and the organization system, and provides skill building opportunities that demonstrate the linkage between organizational behavior and skill application. Pass/No Pass Option. Transfer: CSU
O 30386 A Hatter ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BUSN 078 BUSINESS COMMUNICATION
Prerequisite: ENGL 001A. This course applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. This course emphasizes planning, organizing, composing and revising documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral reports. This course is designed for students who already have college-level writing skills. Pass/No Pass Option. Transfer: CSU
O 30388 MW 10:55AM - 12:20PM | M Burke | CHE 120 |
O 30389 N Maloney ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

BUSN 081 ADVERTISING PRINCIPLES
This course is an introduction to the basic principles and techniques of advertising as applied to business and to media. Advertising campaigns and their effectiveness are covered. Pass/No Pass Option. Transfer: CSU

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<td>30390</td>
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NCBU 015 THE ENTREPRENEUR MIND
This course focuses on small business development skills for early-stage entrepreneurs. Topics covered include: finding gaps between ideas and solutions, achieving goals by focusing on what remains to be done and increasing motivation by accelerating accomplishments while avoiding distractions, and solving problems. This course also examines how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business. Pass/No Pass Option. Transfer: CSU

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</table>
| 32592  | MW  | 9:00AM - 10:15AM | J Nguyen | CACE 0.00

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
NCBU 054  SMALL BUSINESS START-UP
Students have the opportunity to learn strategies and tactics necessary for starting and maintaining a small business. This course focuses on small businesses students might actually start versus high-growth firms dependent on venture capital. This course is a continuation of NCBU15, The Entrepreneur Mind.

32593  MW  9:00AM - 10:15AM J Nguyenly CACE  0.00
SECTION #32593 BEGINS 03/02/20 CLASS ENDS 04/13/20

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

32594  MW  9:00AM - 10:15AM J Nguyenly CACE  0.00
SECTION #32594 BEGINS 04/15/20 CLASS ENDS 05/11/20

CHEMISTRY

CHEM 001A  GENERAL CHEMISTRY
Prerequisite: MATH 106 or MATH 106R and CHEM 002 or 1 year high school chemistry. This course covers the nature of matter and the changes it undergoes. Concepts covered include dimensional analysis, the structure of atoms, chemical equations, stoichiometric calculations, properties of solutions, gases, solutions, entropy, Lewis structures, molecular geometry, oxidation-reduction, equilibrium, electron configurations and intramolecular forces. Transfer: CSU/UC

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<tr>
<td>30612</td>
<td>10:55AM - 12:20PM MG Eldridge</td>
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<td>+ LAB M</td>
<td>12:30PM - 1:30PM MG Eldridge</td>
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CHEM 001B  GENERAL CHEMISTRY
Prerequisite: CHEM 001A. This course covers chemical kinetics, thermodynamics, oxidation-reduction, acid-base equilibria, solubility and complex-ion equilibria, electrochemistry, chemical bonding, electron configurations and periodicity, molecular orbital theory, transition elements and nuclear chemistry, transfer: CSU/UC

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CHEM 002  INTRODUCTORY CHEMISTRY
Prerequisite: MATH 106 or 106R. This course is an introduction to fundamental principles of chemistry and includes atomic theory, chemical bonding, molecular structure, chemical reactions, stoichiometry, gas laws, liquids and solids, acids and bases, equilibrium, and solution chemistry. The course stresses problem solving and is designed specifically to prepare the student for Chemistry 001A. Transfer: CSU/UC

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

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CHEM 012B  ORGANIC CHEMISTRY
Prerequisite: CHEM 012A. This is a continuation of Chemistry 12A. Chemistry 12B covers: fundamentals of organic chemistry and introductory biochemistry; topics include an introduction to organic chemistry, DNA, RNA, important biological molecules and metabolic pathways. Transfer: CSU/UC

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CHEM 030A  FUNDAMENTALS OF CHEMISTRY
Prerequisite: MATH 106 or 106R. This is an elementary course for non-science majors covering the basic principles of inorganic chemistry. It is especially designed for majors in the following four-year programs: Nursing, Physical Education, Administration of Justice, Psychology, Sociology, Dental Hygiene. Not recommended for science majors. Transfer: CSU/UC

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CHEM 030B  FUNDAMENTALS OF CHEMISTRY
Prerequisite: CHEM 002 or CHEM 030A. This course is a continuation of Chemistry 30A with emphasis on fundamentals of organic chemistry and introductory biochemistry. Topics include an introduction to organic chemistry, DNA, RNA, important biological molecules and metabolic pathways. Transfer: CSU/UC

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

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NOTE: This is a LATE START course. This section meets only

CHILD STUDIES

NOTE: The Child Studies Department will hold a FREE Information Session for new and interested students on: Wed., January 22, 2020 at 6:30 pm in the Clicker Building.

CHST 001  PRINCIPLES & PRACTICES OF TEACHING YOUNG CHILDREN
This course examines the underlying theoretical principles of developmentally appropriate practices applied to programs and environments. Emphasis is on the role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity. Pass/No Pass Option. Transfer: CSU

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CLASS INFORMATION — Spring 2020

H=HYBRID CLASS  N=NIGHT CLASS  O=ONLINE CLASS  W=WEEKEND CLASS
CHST 002  CHILD GROWTH AND DEVELOPMENT
This course provides an introduction to human growth and development from conception through adolescence including physical growth, language, and social-emotional and cognitive development of the child. Topics discussed include theories of development; developmental and cultural contexts; heredity; societal influences and interaction with the environment. Observation of children is required. Pass/No Pass Option. Transfer: CSU/UC
30452  TTh  9:20AM- 10:45AM  K Moore Wines  CHE 134  3.00
30453  TTh  10:55AM - 12:20PM  W McBride Wines  CHE 134  3.00
N  32191  M  6:00PM - 9:50PM  R Hernandez  CHE 134  3.00
SECTION #32191 BEGINS 02/10/20 CLASS ENDS 05/18/20
O  32187  ONLINE 3.00
SECTION #32187 BEGINS 03/09/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.
O  30466  J Smith  ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

CHST 005  DIVERSITY - CHILDHOOD AND CULTURE
This course examines the development of social identities in diverse societies including theoretical and practical implications affecting young children, families, programs, teaching, education and schooling. Culturally relevant and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society are covered. This course also involves self-reflection of one’s own understanding of educational principles in integrating anti-goals in order to better inform teaching practices and/or program development. Pass/No Pass Option. Transfer: CSU/UC
N  30467  Th  6:30PM - 9:40PM  L Dotson  CHE 134  3.00
O  30468  C Gans  ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

CHST 033B  FAMILY DEVELOPMENT
Prerequisite: CHST 033A. This course provides students with the opportunity to apply the skills acquired in CHST 33A by practicing the skills required to help coach families to set and reach their goals for healthy self-reliance. The advanced skills and competencies in the areas of establishing healthy boundaries, home visitations, group conferencing and making and following through on referrals to community agencies are covered. This course is designed for students interested in working in Social Services, Health Services and Education settings that require skills in family assessment, intervention and referral. Pass/No Pass Option. Transfer: CSU/UC
N  31535  W  6:30PM - 9:40PM  L Martinez  CMPB J69  3.00
N  31536  W  6:30PM - 9:40PM  L Pate  CMPB J68  3.00

CHST 034A  INTRODUCTION TO THE CHILD WITH SPECIAL NEEDS
This course is designed for students who are considering a career in special education or desire to work with children and families with special needs. The course provides an overview of common disabilities of children and the impact on families. Educational issues, techniques, methods of intervention and case management are explored. An examination of public law, the Individuals with Disabilities Act (IDEA), and the development of the Individual Family Service Plan (IFSP) and Individual Educational Plan (IEP) are included. Teaching practices and philosophies of inclusion in child development programs and schools are discussed and adaptations and intervention methods designed. Observation of children is required. Pass/No Pass Option. Transfer: CSU
30469  TTh  12:30PM - 1:55PM  L Dotson  CHE 134  3.00

CHST 035  PRACTICUM IN EARLY CHILDHOOD EDUCATION
Prerequisite: CHST 001 and CHST 002 and CHST 063 and CHST 080 Corequisite: WRKX 303. In this course students have the opportunity to practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment and knowledge of curriculum content areas are emphasized as student teachers design, implement, and evaluate experiences that promote positive development and learning for all young children. Students may be placed in the public school setting in pre-kindergarten to 3rd grade classrooms, in licensed early childhood programs serving infants through school-age children, or in classrooms serving children with special needs. Pass/No Pass Option. Transfer: CSU
N  30470  W  6:00PM - 9:10PM  L Dotson  CHE 132  3.00
NOTE: Instructions for the course will be given at the first class meeting. Co-requisite: WRKX 303, 32214. Students enrolling in this class must also enroll in WRKX 303, 32214 for a minimum of 120 hours.

CHST 053  CONTEMPORARY EDUCATION IN A CHANGING SOCIETY
This course focuses on American education and its policies with an international perspective on school systems from pre-kindergarten through college in today’s global society. The course also covers the historical and political overview of education in America. Pass/No Pass Option. Transfer: CSU/UC
O  30471  ONLINE 3.00
SECTION #30471 BEGINS 02/18/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.
O  30472  J Marshall  ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

CHST 060  CHILDREN’S WAYS OF THINKING AND KNOWING
This course provides an examination of cognitive development in young children. It emphasizes developmentally appropriate learning experiences to enhance the child’s thinking and understanding of the physical and social world. Pass/No Pass Option. Transfer: CSU
O  30473  MW  10:55AM - 12:20PM  K Moore Wines  CHE 134  3.00
O  30298  J Smith  ONLINE 3.00
SECTION #30298 BEGINS 03/09/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.
COMM 001 PUBLIC SPEAKING
Prerequisite: ENGL 905 or LRSV 941C. Advisory: READ 053. This basic course emphasizes the basic principles of preparation, organization, research, outlining, delivery and evaluation of at least three extemporaneous oral speeches that are given in the physical presence of other listeners. It includes study of the process of communication, evaluating and utilizing evidence, principles of speech preparation and outline organization, management of communication apprehension, the role of the listener in public speaking, speech evaluation, rhetorical principles, and verbal and nonverbal delivery techniques. Transfer: CSU/UC

COMM 002 PUBLIC SPEAKING
Prerequisite: ENGL 905 or LRSV 941C. Advisory: READ 053. This basic course emphasizes the basic principles of preparation, organization, research, outlining, delivery and evaluation of at least three extemporaneous oral speeches that are given in the physical presence of other listeners. It includes study of the process of communication, evaluating and utilizing evidence, principles of speech preparation and outline organization, management of communication apprehension, the role of the listener in public speaking, speech evaluation, rhetorical principles, and verbal and nonverbal delivery techniques. Transfer: CSU/UC

COMM 003 SMALL GROUP DISCUSSION
Prerequisite: ENGL 905. Advisory: READ 053. This course is designed to provide students with theoretical and practical insights, experiences, and principles of communication in a variety of group contexts. Areas of focus include the theory and practical application of: leadership, information-sharing, problem solving, conflict management and critical decision-making and evaluation of group communication processes. Transfer: CSU/UC

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

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

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

CHST 070 INFANT-TODDLER DEVELOPMENT & CARE
This course covers infant/toddler development to age three, with an emphasis on physical, emotional, social, and cognitive development. Other topics include program planning based on the understanding of development needs and observation of individual infants and the application of theories to practical implementation. This course fulfills state requirements for infant/toddler care. Pass/No Pass Option. Transfer: CSU

CHST 080 INTRODUCTION TO CURRICULUM
Prerequisites: CHST 002 and CHST 063. This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 6. Students have the opportunity to examine a teacher’s role in supporting development and engagement for all young children. This course covers strategies for developmentally-appropriate practice based on observation and assessments across the curriculum, including: 1) academic content areas, 2) play, art, and creativity, and 3) development of social-emotional, communication, and cognitive skills. Pass/No Pass Option. Transfer: CSU

CHST 085 ADULT SUPERVISION IN EARLY CHILDHOOD PROGRAMS
This course is a study of methods and principles of program and professional assessment, evaluation, and communication appropriate for individuals who supervise adult teachers, parents, and volunteers in early childhood programs. A variety of professional and program instruments including NAEYC and NFACC Accreditation self-study materials designed for use in assessing staff performance and program quality are discussed in an in-depth analysis of on-going assessment and its importance in program improvement and professional development. In addition, self-assessment, leadership style, communication styles and career development are examined. Pass/No Pass Option. Transfer: CSU

COMM 004 SMALL GROUP DISCUSSION
Prerequisite: ENGL 905. Advisory: READ 053. This course is designed to provide students with theoretical and practical insights, experiences, and principles of communication in a variety of group contexts. Areas of focus include the theory and practical application of: leadership, information-sharing, problem solving, conflict management and critical decision-making and evaluation of group communication processes. Transfer: CSU/UC

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

• PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
• Courses used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
COMM 007  SURVEY OF COMMUNICATION: CAREER BUILDING STRATEGIES
Advisory: READ 053 or ENGL 905. This introductory survey of communication course focuses on the development of interpersonal communication, small group communication, and public speaking with an emphasis on career building strategies. Students are introduced to the conceptual breadth of the human communication discipline as it relates to social behavior in the workplace. Additionally, students have the opportunity to examine and practice communication theories and principles to develop critical thinking and communication competencies in a variety of business and professional contexts, such as: (team) building, leadership, presentation skills, interviewing strategies, cross-cultural competence, organizational communication, and conflict management. Transfer: CSU

O 31696  M Farrell  ONLINE  3.00

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

COMM 008  INTERPERSONAL COMMUNICATION
Advisory: READ 053 or ENGL 905. This course is designed to help students analyze the principles of verbal and nonverbal transactions that occur in personal and professional interpersonally. This course gives students the opportunity to apply theory and research findings into practical skills within interpersonal relationships. Transfer: CSU/UC

30201  MW  10:55AM - 12:20PM M Zajac  LASS 32  3.00
30196  TTh  9:20AM - 10:45AM M Zajac  LASS 34  3.00
30200  F  9:00AM - 12:10PM M Zajac  LASS 32  3.00

COMM 010  PERSUASIVE SPEAKING
Prerequisite: ENGL 905 or LRSV 941C. Advisory: READ 053. This communication studies course offers students the opportunity to examine theoretical and contemporary approaches to persuasive messages and the kinds of contexts in which such messages are addressed. Emphasis is on the presentation of persuasive appeals and learning to construct, deliver, critique, and analyze persuasive messages in a variety of contexts. This course includes preparing, outlining, and presenting at least two extemporaneous oral persuasive speeches that are given in the physical presence of other listeners. This course also includes a project that analyzes persuasive messages with a presentation of findings. Transfer: CSU/UC

O 30204  TTh  12:30PM - 1:55PM  G Kirk  LASS 33  3.00

COMM 012  INTERCULTURAL COMMUNICATION
Prerequisite: ENGL 905 or LRSV 941C. Advisory: READ 053. This course highlights the importance of culture and how it constructs and creates verbal and nonverbal communication in global and domestic contexts. The emphasis is on the influence of culture, language, and social patterns on how members of cultures relate among themselves and with members of diverse groups. It is designed to help students appreciate and compare intercultural communication patterns within the larger context of American culture. It provides theoretical knowledge and practical application of effective communication within and between diverse cultural groups. Transfer: CSU/UC

30211  MW  10:55AM - 12:20PM A Samuel  FOX 101  3.00
31609  MW  12:30PM - 1:55PM  A Samuel  FOX 106  3.00
O 30206  M Farrell  ONLINE  3.00

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

O 30213  M Farrell  ONLINE  3.00

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

O 32711  J Morrison  ONLINE  3.00

SECTION #32711 BEGINS 02/11/20 CLASS ENDS 05/08/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

COMM 020  ARGUMENTATION AND DEBATE
Prerequisite: ENGL 905. This course emphasizes the basic principles of classical and dialogical debate structures, critical inquiry, argument, and advocacy. It includes identifying fallacies in reasoning and language, testing evidence and evidence sources. It also includes the process of brief preparation, rhetorical theory, advancing a reasoned position while effectively presenting and defending those positions. Analysis, presentation, and evaluation of oral and written arguments. Presenting two or more oral debates in the physical presence of other listeners. Transfer: CSU/UC

30216 MW  9:20AM - 10:45AM J Borchard  LASS 33  3.00
30217 TTh  7:45AM - 9:10AM J Borchard  LASS 34  3.00

COMPUTER INFORMATION SYSTEMS

CIST 002  INTRODUCTION TO COMPUTING
Advisory: MATH 106 or MATH 106R. This is a first course in computing, introducing students to the concepts and uses of computing applications in business and society. This is an information competency infused course. Pass/No Pass Option. Transfer: CSU/UC

O 30392  TTh  12:30PM - 2:35PM  J Rascov  CHE 121  4.00
O 30394  M Kaaz  ONLINE  4.00

SECTION #30394 BEGINS 03/02/20 CLASS ENDS 05/15/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

O 30399  J Rascov  ONLINE  4.00

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

O 30391  M Kaaz  ONLINE  4.00

SECTION #30391 BEGINS 03/02/20 CLASS ENDS 05/15/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

CIST 004A  COMPUTER PROGRAMMING I C++ PROGRAMMING
Advisory: MATH 106 or MATH 106R. This is a foundation course emphasizing the concepts and methodologies of programming using the C++ language. Emphasis is on good programming style, object-oriented design, decomposition, encapsulation, abstraction, and testing. Pass/No Pass Option. Transfer: CSU/UC

30396 TTh  10:15AM - 12:20PM  Liu  CHE 133  4.00
N 30395 MW  5:45PM - 7:50PM Y Lau  CHE 121  4.00

CIST 004A1  COMPUTER PROGRAMMING I (JAVA)
Advisory: MATH 106 or MATH 106R. CIS 004A1 focuses on the Java programming language. Emphasis is on good programming style, object-oriented design, decomposition, encapsulation, abstraction, and testing. Pass/No Pass Option. Transfer: CSU/UC

30398 TTh  7:45AM - 9:50AM  T Liu  CHE 121  4.00
N 30397 W  5:45PM - 10:00PM  H Nguyen  CHE 133  4.00

CIST 004B  COMPUTER PROGRAMMING II (C++ LANGUAGE)
Prerequisite: CIST 004A. Advisory: MATH 106 or MATH 106R. This is a continuation of CIS 004A (Introduction to Computer Programming I-C++) intended for students majoring in CIS-Computer Science Option and/or planning to transfer to a 4-year college or university. Computer Science program. CIS 004B introduces concepts of abstract data types, C++ classes, separate compilation, and information hiding. Topics in data structures (dynamic allocation, linked lists, stacks and queues, and binary trees), and sorting/searching algorithms are introduced. The course includes both lecture and programming in C++. Pass/No Pass Option. Transfer: CSU/UC

30525 TTh  10:15AM - 12:20PM  MH Miller  CHE 131  4.00
CIST 004A1 COMPUTER PROGRAMMING I (JAVA)
Prerequisite: CIST 004A1. Advisory: MATH 106 or MATH 106R. This is a continuation of CIST 04A1 (Computer Programming I) intended for students majoring in CIS-Computer Science Option and/or planning to transfer to a four-year college or university computer science program. CIST 04B11 introduces concepts of data structures and sorting/searching algorithms. The course includes both lecture and programming in Java. Pass/No Pass Option. Transfer: CSU/UC
N 32273 MW 5:45PM - 7:50PM T Liu CHE 131 4.00

CIST 005A INTRODUCTION TO PYTHON
Advisory: MATH 106 or MATH 106R. This is a foundation course emphasizing the concepts and methodologies of programming using the Python language. Emphasis is on good programming style, object-oriented analysis and design, decomposition, encapsulation, abstraction and testing. Example topics include objects/classes, functions, argument passing, control structures, replications, lists/tuples, strings, dictionaries/set, and recursion. Students have the opportunity to learn and programming and documentation skills, algorithm problem-solving, programming methodology, and to write small-to-medium sized programs. Pass/No Pass Option. Transfer: CSU/UC
31766 MW 10:55AM - 2:05PM T Liu CHE 131 4.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 10:55AM - 2:05PM.
N 31767 TTh 5:45PM - 9:55PM A Lam CHE 131 4.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets Th from 6:45PM - 9:55PM.

CIST 037 C PROGRAMMING
Advisory: MATH 106 or MATH 106R. Fundamentals of ANSI C language syntax are introduced in this course. Structured programming style using the C language is emphasized. Transfer: CSU/UC
32274 TTh 12:30PM - 1:55PM T Liu CHE 131 3.00

CIST 039 MICROCOMPUTER ASSEMBLER PROGRAMMING
Advisory: MATH 106 or MATH 106R. This course is designed to teach students how to write assembly language for Intel/DOS-compatible personal computers. It emphasizes fundamentals of computer operation. Also functions not readily apparent when using a high-level language, such as storage registers, binary arithmetic, and data representation, are of particular importance in this course. Programming assignments for this course use the instruction set developed for the Intel 80 x 86 and related microprocessors. Transfer: CSU/UC
30526 TTh 7:45AM - 9:10AM H Miller CHE 131 3.00

COUNSELING
COUN 000A ORIENTATION
A mini course designed to equip students with basic survival tools for college. The course includes an orientation of WVC programs and services, rules and regulations. An overview of general education requirements for transfer and graduation and an introduction to the registration process and basic educational planning are presented. Pass Only.
N 32281 T 5:00PM - 9:15PM A Cardenas SSC 203 0.50 SECTION #32281 BEGINS 05/12/20 CLASS ENDS 05/19/20
N 30455 W 5:00PM - 9:15PM M Scheper FOX 103 0.50 SECTION #30455 BEGINS 03/04/20 CLASS ENDS 03/11/20
N 30456 Th 5:00PM - 9:15PM M Scheper FOX 103 0.50 SECTION #30456 BEGINS 02/06/20 CLASS ENDS 02/13/20
W 32041 S 8:00AM - 8:50PM F Cognett SSC 203 0.50 SECTION #32041 BEGINS 04/18/20 CLASS ENDS 04/25/20
NOTE: This course takes place on one day. This course has an emphasis in Athletics. For more information please contact the Athletics Department.
O 30458 F Cognett ONLINE 0.50 SECTION #30458 BEGINS 03/03/20 CLASS ENDS 03/10/20
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class instructor information.

O 32280 A Cardenas ONLINE 0.50 SECTION #32280 BEGINS 04/29/20 CLASS ENDS 05/06/20
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class instructor information.

COUN 005 COLLEGE SUCCESS
This course focuses on life management, goal setting, career decision making, educational planning, college expectations and opportunities, instructor-student relationships, cultural diversity, health management, stress management, and resources. Learning styles and academic success strategies are also included. Pass/No Pass Option. Transfer: CSU/UC
30465 MW 9:20AM - 10:45AM E Llantero SSC 203 3.00
32212 THH 10:55AM - 12:20PM H Ikeda SSC 203 3.00
H 32677 W 9:20AM - 10:45AM Staff FOX 105 3.00 SECTION #32677 BEGINS 03/25/20 CLASS ENDS 05/13/20
NOTE: This section is a HYBRID course and meets weekly in person Wednesday mornings from 9:20 am to 10:45 am in FOX 105, and online using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage.
H 32503 Th 10:55AM - 12:20PM C Llerena SSC 105A 3.00
C Llerena ONLINE SECTION #32503 BEGINS 05/05/20 CLASS ENDS 05/14/20
NOTE: This is a HYBRID course that meets weekly IN-PERSON on Thursdays in SSC 205A from 10:55 am to 12:20 pm, and ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for this course will be given at the first class meeting.
H 32393 W 6:00PM - 8:00PM Staff SSC 203 3.00 SECTION #32393 BEGINS 02/12/20 CLASS ENDS 05/13/20
NOTE: This is a HYBRID course that meets weekly IN-PERSON on Wednesdays in SSC 203 from 6 to 8 pm, and ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for this course will be given at the first class meeting.
O 32504 C Llerena ONLINE 3.00 SECTION #32504 BEGINS 04/06/20 CLASS ENDS 05/21/20
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor information.
O 31710 J Winkler ONLINE 3.00 SECTION #31710 BEGINS 03/16/20 CLASS ENDS 05/21/20
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor information.
O 30523 E Johnson ONLINE 3.00 NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor information.

COUN 012 CAREERS AND LIFE STYLES
This course assists students in identifying values, interests, and career alternatives through a variety of personality and occupational exploration techniques. Students have the opportunity to learn and prepare for careers and lifestyles in an ever-changing world by developing decision making, goal setting and planning skills. Pass/No Pass Option. Transfer: CSU
30524 MW 9:20AM - 10:45AM A Bangle CHE 154B 3.00
32679 MW 10:55AM - 12:20PM Johnson FOX 103 3.00
H 30527 T 10:55AM - 12:20PM C Llerena SSC 105A 3.00
C Llerena ONLINE NOTE: This is a HYBRID course that meets weekly IN-PERSON on Tuesdays from 10:55 am to 12:20 pm, and ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for this course will be given at the first class meeting.

- PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
- Courses used to meet prerequisite requirements must have been completed with a grade of "C" credit or better.
- ADVISORY is a recommended preparation, not a REQUIREMENT.
- IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
COUR 012C CAREERS AND LIFE STYLES

Courses 12C is a special topic module for those who desire more in-depth career direction. This course focuses on specialized concerns relating to job search and the world of work. Pass/No Pass Option. Transfer: CSU

- **H 30534** M 10:55AM - 12:00PM Ikeda CHE 15AB 1.00
  - NOTE: This section is for FYE students. Others may enroll if space is available.
- **30533** M 10:55AM - 12:00PM Byers SSC 203 1.00
  - NOTE: This section is for FYE students. Others may enroll if space is available
- **32606** T 10:55AM - 12:00PM Silva V 024 1.00
  - NOTE: This section is for FYE students. Others may enroll if space is available
- **30530** T 10:55AM - 12:00PM Bucher CIL 109 1.00
  - NOTE: This section is a Puente Program course that is part of a learning community, with English 1B, Section #32134. You will need permission from the instructor to enroll in this course. Please contact Joe Bucher at joe.bucher@wvm.edu for more information.
- **30531** T 10:55AM - 12:00PM Johnson 1.00
  - NOTE: This section is for FYE students. Others may enroll if space is available
- **30532** W 12:30PM - 1:35PM P. Severe SSC 203 1.00
  - NOTE: This section is an Umoja Program course that is part of a learning community, with English 1B, Section #30401. You will need permission from the instructor to enroll in this course. Please contact Philip Severe at philip.severe@wvm.edu for more information.

COUR 024 PERSONAL GROWTH

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

- **H 31564** M 6:00PM - 8:00PM R Byers V 15 3.00
  - SECTION #31564 BEGIN 03/16/20 CLASS ENDS 05/11/20
  - NOTE: This is a LATE start course. This section is a Hybrid course and meets weekly in person Monday evenings from 6:00 pm to 8:00 pm, and online using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. This section has a Mindfulness-Based Stress Reduction Emphasis.

H=HYBRID CLASS  N=NIIGHT CLASS  O=ONLINE CLASS  W=WEEKEND CLASS
DANCE

DANC 001 BALLET: BEGINNING LEVEL 1
This course is an introduction to the discipline, aesthetics, traditions, and historical background of classical ballet at a beginning level. Previous ballet experience is not required at this level. Pass/No Pass Option. Transfer: CSU/UC

32146 MW 9:20AM - 10:45AM S Escobedo PE 7 1.00

DANC 002 BALLET: BEGINNING LEVEL 2
Prerequisite: DANC 001. This is the second course in the beginning level ballet sequence, designed to introduce the discipline, aesthetics, traditions, and historical background of classical ballet. An emphasis is placed on exploring the historical court dance forms of the Renaissance through the contemporary era. Pass/No Pass Option. Transfer: CSU/UC

32147 MW 10:55AM - 12:20PM Escobedo PE 7 1.00

DANC 003 BALLET: INTERMEDIATE
Prerequisite: DANC 002. This course is a study of the discipline, aesthetic traditions and historical background of classical ballet at the intermediate level, building upon skills learned in DANC 001 and 002. New skills include pirouettes, sissonne en pointe and turn combinations such as pique, soutenu, and chaines. Pass/No Pass Option. Transfer: CSU/UC

32148 MW 10:55AM - 12:20PM Escobedo PE 7 1.00

DANC 004 BALLET: ADVANCED LEVEL 4
Prerequisite: DANC 003. This course provides students the opportunity to develop advanced level skills in the discipline of ballet. This course focuses on perfecting technique and developing advanced level performance skills. Topics include grand adage combinations, and petit allegro and grand allegro combinations. Pass/No Pass Option. Transfer: CSU/UC

32149 MW 10:55AM - 12:20PM Escobedo PE 7 1.00

DANC 005 DANCE WORKSHOP
This course is designed to provide students with an opportunity to work intensively on their technique and performance skills in a specific dance area. Transfer: CSU/UC

N 32150 MW 5:00PM - 6:25PM A Malmuth-Onn PE 7 1.00
W 32153 10:00AM - 2:15PM B Patel PE 7 1.00
S 32154 SECTION #32153 begins 02/22/20 class ends 05/22/20
NOTE: This is a LATE START course.

DANC 006 DANCE INTENSIVE
This course is designed to provide intermediate to advanced dance students an opportunity to expand and develop their technical skills, style, and performance technique in a specific area of dance such as jazz, modern, tap, ballet, flamenco, or ballroom. Dance techniques are intended to build strength, flexibility, and control. Rhythmic responses to music are emphasized along with the cultural history of the dance form and related terminology. Pass/No Pass Option. Transfer: CSU/UC

N 32168 M 6:30PM - 10:00PM A Malmuth-Onn PE 7 1.00
S 32169 SECTION #32168 begins 02/03/20 class ends 05/22/20
NOTE: This is a LATE START course. Auditions to musical theater show will be held the week of January 27, 7:00 pm each night in Campus Theater (TA-26). See website for more info on the musical, co-produced by the Musical Theater Collaborative of the Theater Arts, Music and Dance programs. https://www.westvalley.edu/academics/theater/

N 32151 MW 5:00PM - 6:25PM A Malmuth-Onn PE 7 1.00
W 32145 S 10:00AM - 2:15PM B Patel PE 7 1.00
S 32154 SECTION #32154 begins 02/22/20 class ends 05/22/20
NOTE: This is a LATE START course.

DANC 007 CHOREOGRAPHY
This course provides students an overview of the field of choreography and a study of the elements of dance composition as related to a specific form of dance, such as Jazz, Modern, Ballet, and Tap, based on individual student need. Emphasis is placed on creating masks, costumes, and props. Students participate in a community and college performance. Pass/No Pass Option. Transfer: CSU/UC

N 32152 MW 5:00PM - 6:25PM A Malmuth-Onn PE 7 1.00
W 32167 T 10:00AM - 2:15PM B Patel PE 7 1.00
S 32168 SECTION #32167 begins 02/22/20 class ends 05/22/20
NOTE: This is a LATE START course.

• PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
• Courses used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
DANC 011  JAZZ DANCE: BEGINNING LEVEL 1
This course is designed to introduce the student to the medium of jazz dance through exposure to jazz dance history, technique, style, improvisations, and composition. Pass/No Pass Option. Transfer: CSU/UC

32170 TTh 10:55AM - 12:20PM Patel PE 7  1.00

DANC 012  JAZZ DANCE: BEGINNING LEVEL 2
Prerequisite: DANC 011. In this second level introductory course to jazz dance, the emphasis is placed on isolation, locomotive, and syncopated techniques and rhythms. Pass/No Pass Option. Transfer: CSU/UC

32171 TTh 10:55AM - 12:20PM Patel PE 7  1.00

DANC 013  JAZZ DANCE: INTERMEDIATE
Prerequisite: DANC 012. This course provides students with the opportunity to increase skill and knowledge in the various theories, styles, and techniques of the jazz idiom. Skills include increased vocabulary levels in lyrical and contemporary Jazz such as multiple turns, variety of leaps, coordinated isolations, and longer and more intricate combinations which challenge the advanced dancer. Pass/No Pass Option. Transfer: CSU/UC

32172 TTh 10:55AM - 12:20PM Patel PE 7  1.00

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

32173 TTh 10:55AM - 12:20PM Patel PE 7  1.00

DANC 021  MODERN DANCE: BEGINNING LEVEL 1
This is a course for students who want an introduction to modern dance. It provides the knowledge and practice necessary for gaining skills and experience in modern dance technique. Pass/No Pass Option. Transfer: CSU/UC

32174 TTh 9:20AM - 10:45AM B Patel 1.00
N 32847 W 6:30PM - 9:40PM M Basile PE 7 1.00

DANC 022  MODERN DANCE: BEGINNING LEVEL 2
Prerequisite: DANC 021. This course provides students with the opportunity to gain skills and techniques in modern dance for the beginning level 2 dance student. Emphasis is on developing techniques of contraction and release, falls and recovery, and includes a focus on quality of movement. Pass/No Pass Option. Transfer: CSU/UC

32175 TTh 9:20AM - 10:45AM B Patel PE 7  1.00
N 32176 W 6:30PM - 9:40PM M Basile PE 7  1.00

DANC 023  MODERN DANCE: INTERMEDIATE
Prerequisite: DANC 022. This course provides students with the opportunity to gain modern dance skills and techniques at the intermediate level, focusing on force, space, and rhythm. Pass/No Pass Option. Transfer: CSU/UC

N 32177 W 6:30PM - 9:40PM M Basile PE 7  1.00

DANC 024  MODERN DANCE: ADVANCED
Prerequisite: DANC 023. This course for advanced level modern dance students is designed to further increase the student’s skill in modern dance technique. This course provides students the opportunity to gain increased insight into modern dance and further develop the body as an instrument for communication and includes movement phrases with complex arabesque, jumps and sissone. Advanced level skills include split leaps, turns and leaps into rolls that travel, axial movements, falls and recoveries into jumps, turns and inversions. Pass/No Pass Option. Transfer: CSU/UC

N 32178 W 6:30PM - 9:40PM M Basile PE 7  1.00

DANC 041  BALLROOM AND LATIN DANCE: BEGINNING
This course focuses on beginning Ballroom and Latin dance techniques and performance. Beginning level steps and performance techniques from Tango, Waltz, Rumba, Cha-Cha, Fox trot, Paso Doble, Night Club 2-Step, and current popular dances are covered. Individuals are encouraged to attend. A partner is not required. Pass/No Pass Option. Transfer: CSU/UC

N 32179 Th 6:30PM - 9:40PM M Basile PE 7  1.00

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

**NOTE:** The Digital Media Department will hold a FREE Information Session for new and interested students on: Wed., January 22, 2020 at 6:30 pm in the Gilker Building.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Class Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIGM 001</td>
<td>DIGITAL APPLICATIONS BASIC</td>
<td>This course provides an overview of the major software tools used in digital media design and production. The course also focuses on examining and developing the technical and intuitive skills designers use to visually and psychologically convey messages to an audience for communicative effect. Transfer: CSU 30816 MW 12:30PM - 3:00PM S Akyuz CIL 122 3.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 1:35PM - 3:00PM.</td>
</tr>
<tr>
<td>DIGM 002</td>
<td>INTRODUCTION TO ELECTRONIC COMMUNICATION</td>
<td>This course analyzes traditional forms of mass media, and, the impact and development of new electronic communication technologies from both an historical and a cultural perspective. Special attention is given to media theories and effects, media operations and careers, and social, ethical and economic issues in the media. The course also examines the impact of media on the individual and on society as a whole. Transfer: CSU 30756 ONLINE 3.00 NOTE: This section meets only ONLINE using Canvas (<a href="https://web.wvm.edu/canvas">https://web.wvm.edu/canvas</a>); link to Canvas from the top of the WVC homepage. Go to <a href="https://www.westvalley.edu/classes/online.html">https://www.westvalley.edu/classes/online.html</a> for class and instructor contact information.</td>
</tr>
<tr>
<td>DIGM 003</td>
<td>INTRODUCTION TO GRAPHIC DESIGN</td>
<td>This course focuses on the fundamental elements of design and introduces the software applications used in graphic design production. Topics covered include design concepts, creative process, visual construction, and the technical limitations and parameters for creating digital imagery and graphic solutions. Transfer: CSU 32709 TTh 12:30PM - 2:55PM J McIntosh CIL 122 3.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 1:30PM - 2:55PM. This course is offered for individuals who are interested in graphic and web design and digital communication fields, and utilizes the Adobe Creative Suite.</td>
</tr>
<tr>
<td>DIGM 004</td>
<td>PRINCIPLES OF DESIGN</td>
<td>Advisory: DIGM 003 &amp; DIGM 014C. This course provides a studio experience that engages a series of problems and themes in basic two design dimension. Students have the opportunity to develop fundamental design and compositional skill sets in a range of media. This course also covers the critical examination and development of design principals, attributes, and elements of design, including the relationship between some production methods and materials. Pass/No Pass Option. Transfer: CSU 32158 MW 10:55AM - 12:20PM S Akyuz CHE 121 4.00 NOTE: This course is offered for individuals who are interested in web and graphic design. This is a HYBRID course that meets weekly IN-PERSON and ONLINE using Canvas (<a href="https://web.wvm.edu/canvas">https://web.wvm.edu/canvas</a>); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.</td>
</tr>
<tr>
<td>DIGM 011</td>
<td>BLOGS AND SITE DEVELOPMENT: WORDPRESS</td>
<td>Advisory: DIGM 003. Students have the opportunity to learn how to design, customize, and maintain blogs on the Internet. Students use the WordPress content management system (CMS) to develop custom blogs and also have the opportunity to learn how to modify templates for blog and website publishing. Plugins and third party applications are also examined and implemented into blogging solutions. Pass Only. Transfer: CSU 31550 ONLINE 1.00 SECTION #31550 BEGINS 01/27/20 CLASS ENDS 03/02/20 NOTE: This section meets only ONLINE using Canvas (<a href="https://web.wvm.edu/canvas">https://web.wvm.edu/canvas</a>); link to Canvas from the top of the WVC homepage. Go to <a href="https://www.westvalley.edu/classes/online.html">https://www.westvalley.edu/classes/online.html</a> for class and instructor contact information.</td>
</tr>
</tbody>
</table>

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**DIGM 014C DIGITAL ILLUSTRATION: ILLUSTRATOR**

This course introduces design and vector-based illustration techniques, and focuses on conceptual approaches to digital illustration for specific design applications and media. It also explores concept development and composition techniques that pay particular attention to creative approaches to design solutions and developing individual illustration styles. Pass/No Pass Option. Transfer: CSU 30758 TTh 10:55AM - 12:20PM J McIntosh CIL 122 4.00 NOTE: This course is offered for individuals who are interested in digital art, web and graphic design. This is a HYBRID course that meets weekly IN-PERSON and ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.

**DIGM 021A WEB DEVELOPMENT 1**

This course focuses on using the most recent version of HTML and CSS to create web sites and mobile applications. The course also covers web standards following ADA requirements and validation. Students have the opportunity to plan, code and launch web sites for web and mobile platforms and work in teams using UX and interface design techniques. Pass/No Pass Option. Transfer: CSU 30760 W 6:00PM - 9:10PM S Houghton CIL 122 4.00 NOTE: This is a HYBRID course that meets weekly IN-PERSON and ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.

**DIGM 021M INTRODUCTION TO APP DESIGN**

This course focuses on the planning and the delivery of applications for mobile and tablet devices. Students have the opportunity to learn object oriented programming and use applications to build products. Students have the opportunity to learn UX design processes and build prototype mobile products. Pass/No Pass Option. Transfer: CSU 30775 M 9:20AM - 12:20PM J Furtado CIL 122 4.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 10:55AM - 12:20PM.

**DIGM 022A DIGITAL VIDEO 1**

This course introduces the stages of video making, including narrative structure, and acquisition of video production skills in camera, lighting, sound and editing. Also covered are principles of motion graphics, and post-production delivery for webcast and new media. Pass/No Pass Option. Transfer: CSU 30779 MW 9:20AM - 12:20PM J Furtado CIL 122 4.00 NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 9:20AM - 12:20PM.

**DIGM 025A ADVANCED INTERNET MARKETING**

A practical guide to web and mobile marketing as well as emerging tablet and mobile advertising, this course focuses on how to plan, design, develop, and market in the context of clients, brands, and products. Current marketing and advertising tools and services, their costs and benefits, as well as measurement of their success and recommendations for improvement are covered. Contexts include websites, social media, and search. Emphasis is on small business, community organizations, and working within larger companies. Pass Only. Transfer: CSU 31551 ONLINE 1.00 SECTION #31551 BEGINS 03/04/20 CLASS ENDS 04/13/20 NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting.
DIGM 025B SOCIAL MEDIA MARKETING
This course provides a critical framework for developing a comprehensive social media campaign. Additional focus is on the digital tools and software used to manage social media content. Pass Only. Transfer: CSU
O 31552  J Rasco ONLINE 1.00
SECTION #31552 BEGINS 04/14/20 CLASS ENDS 05/14/20
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

DISABILITY AND EDUCATIONAL SUPPORT PROGRAM (D.E.S.P.)
D.E.S.P.-LEARNING SKILLS COURSES
D.E.S.P.-PHYSICAL EDUCATION ADAPTED (See Noncredit)

D.E.S.P.- LEARNING SKILLS COURSES

LSRV 001 LEARNING STRATEGIES FOR COLLEGE AND CAREERS
In this course, students have the opportunity to learn and apply learning strategies to increase their effectiveness both in the classroom and in the workplace. The underlying principles as well as specific strategies, including setting goals, managing time and stress, listening and note taking, improving reading, test taking, memory and concentration, and learning styles are presented. Transfer: CSU/UC
32112 TTh  9:20AM - 10:45AM S Sherrill  FOX 106  3.00

LSRV 931B LEARNING STRATEGIES FOR MATH
This lab support course is intended to be taken concurrently with an Algebra course. This course is designed to meet the educational needs of students with disabilities. It focuses on the application of specific learning strategies for math. Pass Only.
32797 MW  12:30PM - 1:55PM J Jaurequi  FOX 102  1.00
NOTE: This course is intended for students enrolled in LRSV 945. Please see DESP counselor for detail.

LSRV 941C EFFECTIVE ESSAY WRITING
Prerequisite: ENGL 903; LRSV 941B. This is a basic writing course that is designed to prepare students with disabilities for college-level writing and English 1A. It stresses the application of strategies and use of assistive technology to compensate for written language difficulties. This course addresses essay development, including thesis statements, supporting details and evidence, organization, coherence, and basic research skills. Pass/No Pass Option.
30572 MW  12:30PM - 1:55PM J Jaurequi  FOX 101  3.00
31982 TTh  9:20AM - 10:45AM J Jaurequi  FOX 101  3.00

LSRV 943A LEARNING STRATEGIES FOR WRITING
This is a lab course designed to support students enrolled in English composition courses. Designed to meet the educational needs of students with disabilities, it stresses the practical application of strategies to compensate for the disability and its effect on reading and writing. Topics covered include: learning strategies such as time management and test taking; reading comprehension strategies; evaluation of assigned essays for unity, support, coherence and sentence skills; and researching and writing research papers. Pass Only.
30573 MW  9:20AM - 10:45AM J Jaurequi  FOX 102  1.00
NOTE: This course is intended for students enrolled in English 1A
section 30324. Please see DESP counselor for details.
32796 TTh  12:30PM - 1:55PM S Sherrill  FOX 101  1.00

LSRV 945 ELEMENTARY ALGEBRA SKILLS AND STRATEGIES
This course covers the basic operations and properties of real numbers, exponential, polynomial, rational and radical expressions. Other topics include first-degree equations and inequalities, systems of linear equations, graphing, and quadratic, rational and radical equations. Specific math learning strategies and adaptive technologies for students with disabilities are integrated throughout the course.
31581 MTWTh  10:55AM - 12:05PM S Sherrill

ECONOMICS

ECON 001A PRINCIPLES OF MACROECONOMICS
Prerequisite: MATH 903 or MATH 903R or LRSV 945. Co-requisite: ECON 002A. This course provides an introduction to aggregate economic analysis including analysis of: market systems; aggregate measures of the economy; macroeconomic equilibrium; money, the banking system and the role of central banks; monetary and fiscal policy; international trade and exchange rates; and macroeconomic growth. Pass/No Pass Option. Transfer: CSU/UC
30333 MW  10:55AM - 12:20PM Zill  LASS 27  3.00
NOTE: Students enrolling in ECON 001A #30333 must also enroll in ECON 002A #30334.
30337 TTh  9:20AM - 10:45AM S Liu  LASS 27  3.00
NOTE: Students enrolling in ECON 001A #30337 must also enroll in ECON 002A #30338.
30339 TTh  12:30PM - 1:55PM H Kardevani  CHE 131  3.00
NOTE: Students enrolling in ECON 001A #30339 must also enroll in ECON 002A #30340.
N 30335 M  6:00PM - 7:15PM H Kardevani  LASS 27  3.00
NOTE: Students enrolling in ECON 001A #30335 must also enroll in ECON 002A #30336.
O 30341 TTh  9:20AM - 10:45AM S Liu  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information. Students enrolling in ECON 001A #30341 must also enroll in ECON 002A #30342.
O 30343 D Demiray  ONLINE  3.00
SECTION #30343 BEGINS 03/23/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information. Students enrolling in ECON 001A #30343 must also enroll in ECON 002A #30344.

ECON 001B PRINCIPLES OF MICROECONOMICS
Prerequisite: MATH 903 or MATH 903R or LRSV 945. Co-requisite: ECON 002B. This course provides an introduction to microeconomic analysis which focuses on individual economic decision-makers and markets. Topics include scarcity and allocation of resources, distribution of income and wealth, market equilibrium, price ceilings/floors, elasticity, consumer theory, cost-production analysis, market structures, factor markets, market failure, international trade and finance, and the role of public policy in the economy. Pass/No Pass Option. Transfer: CSU/UC
30347 MW  9:20AM - 10:45AM L Farivar  LASS 27  3.00
NOTE: Students enrolling in ECON 001B #30347 must also enroll in ECON 002B #30348.
ECON 001B      HONORS PRINCIPLES OF MICROECONOMICS
Prerequisite: MATH 903 or 903R or LRSV 945; Co-requisite: ECON 002B-Honors Principles of Microeconomics uses the pedagogical methods common to all Honors courses: interdisciplinary, writing- intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course introduces microeconomic analysis. The course analyzes the allocation of resources and the distribution of income through a price system. The course analyzes the role of public policy in the economy. Transfer: CSU/UC

ECON 001BH     HONORS PRINCIPLES OF MICROECONOMICS
Prerequisite: MATH 903 or 903R or LRSV 945; Co-requisite: ECON 001BH-Honors Principles of Microeconomics uses the pedagogical methods common to all Honors courses: interdisciplinary, writing- intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course introduces microeconomic analysis. The course analyzes the allocation of resources and the distribution of income through a price system. The course analyzes the role of public policy in the economy. Transfer: CSU/UC

ECON 002A  PRINCIPLES OF MACROECONOMICS LAB
Co-requisite: ECON 001A. This online laboratory introduces macroeconomic analysis and principle including analysis of: market systems; aggregate measures of the economy; macroeconomic equilibrium; money, the banking system and role of central banks; monetary and fiscal policy; international trade and exchange rates; and macroeconomic growth. Pass/No Pass Option. Transfer: CSU/UC

ECON 002B  PRINCIPLES OF MICROECONOMICS LAB
Co-requisite: ECON 001B. This online laboratory introduces microeconomic analysis which focuses on individual economic decision-makers and markets. Topics include scarcity and allocation of resources, distribution of income and wealth, market equilibrium, price ceilings/floors, elasticity, consumer theory, cost/product analysis, market structures, factor markets, market failure, international trade and finance, and the role of public policy in the economy. Pass/No Pass Option. Transfer: CSU/UC

ECON 002BH    HONORS PRINCIPLES OF MICROECONOMICS LAB
Co-requisite: ECON 001BH. Honors Principles of Microeconomics Lab uses the pedagogical methods common to all Honors courses: interdisciplinary, writing- intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This online laboratory introduces microeconomic analysis which focuses on individual economic decision-makers and markets. Topics include scarcity and allocation of resources, distribution of income and wealth, market equilibrium, price ceilings/floors, elasticity, consumer theory, cost/product analysis, market structures, factor markets, market failure, international trade and finance, and the role of public policy in the economy. This lab must be taken concurrently with ECON 001BH. Transfer: CSU/UC

ELED 020  INTRODUCTION TO ELEMENTARY TEACHING
Co-requisite: ELED 020A. This course introduces students to the concepts and issues related to teaching diverse learners in today's contemporary schools, Kindergarten through grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California's content standards and frameworks, and teacher performance standards. In addition to class time, the co-requisite course, ELED 020A, requires a minimum of 45 hours of structured fieldwork in public school elementary classrooms and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher. Pass/No Pass Option. Transfer: CSU/UC

- PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
- Courses used to meet prerequisite requirements must have been completed with a grade of "C" credit or better.
- ADVISORY is a recommended preparation, not a REQUIREMENT.
- IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
ENGR 006  PROGRAMMING AND PROBLEM-SOLVING IN MATLAB
This course utilizes the MATLAB environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics. Pass/No Pass Option. Transfer: CSU/UC
H 32846  T Sanford  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

ENGR 099  INTRODUCTION TO CIRCUIT ANALYSIS
Advisory: MATH 003B, PHYS 004B. This is an introductory course in the analysis of DC and AC electric circuits using Kirchoff’s laws, Ohm’s law, and Thévenin’s theorem. Pass/No Pass Option. Transfer: CSU/UC
N 30446  T Sanford  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
Not Sure Which English Composition Class to Take?
Start with the online self-placement tool at https://web.wvm.edu/placement-tool-wv/

A

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<thead>
<tr>
<th>ENGL 1A</th>
<th>ENGL 1B</th>
<th>ENGL 1C</th>
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<tr>
<td>(3 transferable units)</td>
<td>(3 transferable units)</td>
<td>(3 transferable units)</td>
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<tr>
<td>English Composition</td>
<td>Critical Thinking Through Literature</td>
<td>Critical Thinking and Writing</td>
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OR

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<thead>
<tr>
<th>ENGL 1A</th>
<th>ENGL 1B</th>
<th>ENGL 1C</th>
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OR

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<tr>
<th>ENGL 905X</th>
<th>ENGL 1A</th>
<th>ENGL 1C</th>
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<tbody>
<tr>
<td>(5 non-transferable units)</td>
<td>(3 transferable units)</td>
<td>(3 transferable units)</td>
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<tr>
<td>Accelerated English Fundamentals</td>
<td>English Composition</td>
<td>Critical Thinking and Writing</td>
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<tr>
<th>ENGL 093</th>
<th>ENGL 905</th>
<th>ENGL 1A</th>
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<tr>
<td>(3 non-transferable units)</td>
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<td>(3 transferable units)</td>
</tr>
<tr>
<td>Basic Grammar and Sentence Structure</td>
<td>English Fundamentals</td>
<td>English Composition</td>
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OR

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<tr>
<th>LRSV 941B</th>
<th>LRSV 941C</th>
<th>ENGL 1B</th>
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<tr>
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<td>(3 non-transferable units)</td>
<td>(3 transferable units)</td>
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<tr>
<td>Critical Thinking Through Literature</td>
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</tbody>
</table>

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

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

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

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

ENGL 001A ENGLISH COMPOSITION
Prerequisite: ENGL 905 or LRSV 941C or ENGL 905X or LRSV 942 or READ 961. This course introduces the techniques of collegiate English composition with emphasis on clear and effective writing and analytical reading. In English 1A, students write a series of essays including a documented research paper. Transfer: CSU/UC

Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some

Recommended Preparations in Basic Skills:

30265 MW 9:20AM - 10:45AM J Girardi LASS 47 3.00
30266 MW 9:20AM - 10:45AM J Girardi LASS 47 3.00
30263 MW 9:20AM - 10:45AM D Condon LASS 46 3.00
30288 MW 10:55AM - 12:20PMF Jones LASS 44 3.00
30286 MW 10:55AM - 12:20PM Catteriva LASS 48 3.00
32110 MW 12:30PM - 1:55PM J Geranics FOX 105 3.00
31643 MW 12:30PM - 1:55PM N Cuttler CAVLAB 3.00

NOTE: The section above is intended for students eligible for English 905 but who wish to take English 1A. Students registering for this English 1A section must also register in the co-requisite English 099X section #31756

32869 TTh 12:30PM - 1:55PM V Kalivitis CANVAS 3.00

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

32890 L Harris ONLINE 3.00

SECTION #32890 BEGINS 03/09/20 CLASS ENDS 05/08/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

ENGL 001B CRITICAL THINKING THROUGH LITERATURE
Prerequisite: ENGL 001A. This course builds on composition skills developed in English 001A by introducing students to critical thinking and the analysis of literature, specifically fiction, poetry, and drama. Students have the opportunity to practice a variety of writing techniques, interpretive strategies, and research skills. Transfer: CSU/UC

NOTE: This section is for First Year Experience students. Others may register if space is available.

ENGLISH

ENGL 001A ENGLISH COMPOSITION
Prerequisite: ENGL 905 or LRSV 941C or ENGL 905X or LRSV 942 or READ 961. This course introduces the techniques of collegiate English composition with emphasis on clear and effective writing and analytical reading. In English 1A, students write a series of essays including a documented research paper. Transfer: CSU/UC

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NOTE: The section above is intended for students eligible for English 905 but who wish to take English 1A. Students registering for this English 1A section must also register in the co-requisite English 099X section #31756

32869 TTh 12:30PM - 1:55PM V Kalivitis CANVAS 3.00

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NOTE: This section is for First Year Experience students. Others may register if space is available.
CLASS INFORMATION — Spring 2020

ENGL 001C CRITICAL THINKING AND WRITING
Prerequisite: ENGL 001A. This writing course focuses on critical thinking and formal argument writing, including the principles of classical argument structure and methods of reasoning. Transfer: CSU/UC

ENGL 012C #30530
30414 TTh 12:30PM - 1:55PM L Harris LASS 40 3.00
32133 TTh 12:30PM - 1:55PM V Kalivitis LASS 41 3.00
32134 TTh 12:30PM - 1:55PM L Saito Liu LASS 47 3.00
NOTE: Students enrolling in the above classes must be in the PUENTE PROGRAM and must be concurrently enrolled in COURSE 012C #30530.

ENGL 005B SURVEY OF ENGLISH LITERATURE
Prerequisite: Eligibility for ENGL 001A. Advisory: ENGL 001A or equivalent. This course surveys English literature from the Romantic period to the present. Pass/No Pass Option. Transfer: CSU/UC

ENGL 007B AMERICAN LITERATURE
Prerequisite: Eligibility for ENGL 001A. Advisory: ENGL 001A or equivalent. This course surveys major American literary traditions from the Civil War to the present. Pass/No Pass Option. Transfer: CSU/UC

ENGL 010 CHILDREN'S LITERATURE
Prerequisite: Eligibility for ENGL 001A. Advisory: ENGL 001A. This course surveys literature from around the world written for children, examining style, purpose, and subject matter in folk tales, mythology, fantasy, modern fiction, poetry, biography, and autobiography. Pass/No Pass Option. Transfer: CSU/UC

ENGL 018 ASIAN AMERICAN LITERATURE
Advisory: ENGL 001A, READ 055. This course provides a cross-cultural comparative study of literature from at least four of the following Asian American communities: Chinese, Japanese, Korean, Filipino, Vietnamese, Indian, and other Southeast Asians and Pacific Islanders. Pass/No Pass Option. Transfer: CSU/UC

ENGL 043 CLASSICAL MYTHOLOGY
Advisory: ENGL 001A. An examination of the major myths of our western heritage, consideration of the subsequent treatment through the centuries of these myths in various literary genres. Pass/No Pass Option. Transfer: CSU/UC
ENGL 043H HONORS CLASSICAL MYTHOLOGY
Advisory: ENGL 001A. Honors Classical Mythology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. Using translations of epic, poetic, and dramatic texts of classical writers and philosophers, this course examines the meaning and function of myth in the literature of Ancient Greece and Rome as well as its recurrence and significance in modern works. Transfer: CSU/UC.
32140 MW 10:55AM - 12:20PM M. R. Burrell LASS 41 3.00
NOTE: You must be an Honors student to register for this course. For more information about joining the Honors program, please go to: westvalley.edu/honors. This section has a Women, Gender, Queer & Social Justice Studies focus.

ENGL 070 CREATIVE WRITING
Prerequisite: ENGL 001A. Advisory: ENGL 001A and/or introduction to literature and eligibility for READ 053. This course provides an introduction to the practice and study of the craft of writing fiction and poetry. Critical analysis of student writing occurs during class workshops. Pass/No Pass Option. Transfer: CSU/UC.
30444 TTh 10:55AM - 12:20PM R. Pape FOX 103 3.00

ENGL 071 WRITING FICTION
Prerequisite: ENGL 001A. Advisory: ENGL 070. This course provides instruction in writing fiction at the intermediate level. It focuses on writing short stories and novel chapters. Pass/No Pass Option. Transfer: CSU/UC.
32141 MW 12:30PM - 1:55PM P. Bourdeaux LASS 45 3.00

ENGL 081 VOICES: INTERMEDIATE LITERARY ARTS MAGAZINE
Advisory: ENGL 905 or ENGL 905X. Pass/No Pass Option. Transfer: CSU/UC.
30345 MW 2:05PM - 3:20PM N. Michals FOX 104 2.00
SECTION #30345 BEGINS 02/10/20 CLASS ENDS 05/08/20
NOTE: This is a Late Start class which starts on Feb. 10.

ENGL 099X SUPPLEMENTAL ENGLISH COMPOSITION
Prerequisite: READ 961 or LRSV 942 or LRSV941B or ENGL 903. Co-requisite: ENGL 001A. This course is intended for students eligible for English 905 but who wish to enroll in a designated co-requisite English 1A section to complete the sequence in one intensive semester. This course is part of a learning community that provides supplemental instruction through targeted practice on the techniques of critical reading, analysis of texts, essay writing processes, research skills, and the campus resources that enhance student success in English 1A. This course is not designed to meet the needs of ESL students. This course does not fulfill the English requirement for the Associate’s degree and is not a baccalaureate level course. Pass Only.
31756 MW 2:05PM - 3:05PM N. Cutler CAWLAB 2.00
NOTE: Students enrolling in the above class must also be concurrently enrolled in English 001A #31643.
31757 TTh 2:05PM - 3:05PM C. Penate LASS 46 2.00
NOTE: Students enrolling in the above class must also be concurrently enrolled in English 001A #31644.

ENGL 903 BASIC GRAMMAR AND SENTENCE STRUCTURE
This course provides a basic foundation for developing college-level writing skills. Students in this course have the opportunity to improve grammar, sentence structure, and vocabulary while developing strategies for writing well-structured paragraphs. Course is not designed to meet the needs of ESL students. A grade of “pass” qualifies the student for English 905. This course does not fulfill the English requirement for the Associate degree and is not a baccalaureate level course. Pass Only.
30447 MW 10:55AM - 12:20PM R. Vo LASS 46 3.00
NOTE: ESL students should consult the ESL department’s course offerings and complete any appropriate placement tests or prerequisites.

ENGL 905 ENGLISH FUNDAMENTALS-A PREPARATORY COURSE
Prerequisite: ENGL 903 or LRSV 941B. This course provides the necessary foundation for college-level writing and prepares students for English 001A. Students in this course have the opportunity to learn and practice the writing process, focusing on greater proficiency in writing multi-paragraph essays. The course covers the main elements of sound essays including thesis statements, supporting details and evidence, organization, coherence and basic research techniques. Students have the opportunity to develop various writing strategies and practice writing skills using classroom computers. Pass Only.
30477 TTh 9:20AM - 10:45AM B. Vo CAWLAB 3.00

ENGLISH AS A SECOND LANGUAGE
ESLW 961GW BASIC GRAMMAR AND WRITING 1
Prerequisite: ESLW 960. Advisory: ESLW 961LS and ESLW 961RV. This course is designed to improve the writing and grammar skills of ESL students at the high-beginning level. This course gives students the opportunity to use basic grammatical forms and write simple sentences using correct word forms, word order, function words, spelling, and punctuation. Pass/No Pass Option.
30536 TTh 12:30PM - 2:35PM S. Ortega LASS 38 4.00

ESLW 961LS BASIC LISTENING AND SPEAKING 1
Prerequisite: ESLW 960. Advisory: ESLW 961GW and ESLW 961RV. This course is designed to improve the listening and speaking skills of ESL students at the high-beginning level. This course gives students the opportunity to develop comprehension of verbal instructions, vocabulary in context, and oral narratives, monologues, and dialogues. Students are given the opportunity to develop clear pronunciation of common words, phrases, and pronunciation patterns of stress and intonation in English. Pass/No Pass Option.
30537 TTh 8:40AM - 10:45AM S. Lee LASS 38 4.00

ESLW 961RV BASIC READING AND VOCABULARY 1
Prerequisite: ESLW 960. Advisory: ESLW 961GW and ESLW 961LS. This course emphasizes reading and vocabulary development of ESL students at a basic level. This course gives students the opportunity to develop reading skills and increase their active vocabulary through adapted readings about real people, places, events, and ideas using the most common 1500 English words. Materials and class discussions are designed to increase knowledge of American culture necessary for understanding concepts and texts in English. Pass/No Pass Option.
30540 TTh 9:20AM - 11:25AM S. Lee LASS 38 4.00

ESLW 962GW BASIC GRAMMAR AND WRITING 2
Prerequisite: ESLW 961GW. Advisory: ESLW 962LS and ESLW 962RV. This course is designed to improve the basic grammar and writing skills of ESL students. The focus is on the study and practice of simple and compound sentences, using compound tenses and correct word forms, word order, spelling, and punctuation. Pass/No Pass Option.
30541 TTh 10:55AM - 12:20PM R. Vo LASS 36 3.00

ESLW 962LS BASIC LISTENING AND SPEAKING 2
Prerequisite: ESLW 961LS. Advisory: ESLW 962GW and ESLW 962RV. This course is designed to improve the basic listening and speaking skills of ESL students by providing instruction and extensive practice in identifying the central message of extended speech. Students are provided the opportunity to comprehend familiar topics spoken by a native speaker at a reduced speed. Topics include current events and issues, life experience, past, and future events, and cultural comparisons. The focus is on American English pronunciation, word endings, word stress, sentence rhythm, and usage of the 3000 most common English words. Pass/No Pass Option.
30227 TTh 12:30PM - 2:35PM A. Wassmerbauer LASS 37 4.00

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
ESLW 962RV  BASIC READING AND VOCABULARY 2
Prerequisite: ESLW 961RV or proof of qualifying assessment score. Advisory: It is strongly recommended that students enroll concurrently in ESLW 962GW and 962LS. ESLW 962RV is a low-intermediate reading comprehension and vocabulary course for non-native speakers of English. This course emphasizes reading comprehension and high frequency vocabulary through effective reading strategies, synonyms, affixes, and word forms. Pass/No Pass Option.

30546  F  9:20AM - 12:30PM L Bell  LASS 38  3.00

ESLW 963GW  SENTENCE DEVELOPMENT
Prerequisite: ESLW 962GW. Advisory: ESLW 963LS and ESLW 963RV. This course gives students the opportunity to develop writing fluency at the sentence and paragraph level through study and practice of compound and complex sentence patterns and organizational patterns used in standard written English. Pass/No Pass Option.

30547  MW  12:30PM - 1:55PM A Wasserbauer  FOX 202  3.00
30548  TTh  10:55AM - 12:20PM Wasserbauer  LASS 37  3.00

ESLW 963LS  ORAL COMMUNICATION 1
Prerequisite: ESLW 962LS. Advisory: ESLW963RV and ESLW963GW. The course is designed to provide instruction and extensive practice in comprehending the significant details of familiar and unfamiliar topics spoken by a native speaker at a natural speed. Speaking and listening practice includes note-taking, giving opinions, summarizing, discussing, speculating, predicting, and giving short presentations. The focus is on American English intonation, thought groups, connected speech, and usage of the 5000 most common English words. Pass/No Pass Option.

32229  MW  8:40AM - 10:45AM S Ortega  LASS 36  4.00
32230  TTh  8:40AM - 10:45AM S Ortega  LASS 36  4.00

ESLW 963RV  INTERMEDIATE READING AND VOCABULARY 1
Prerequisite: ESLW 962RV. Advisory: It is strongly recommended that students enroll concurrently in ESLW 963GW and ESLW 963LS. ESLW 963RV is an intermediate reading & vocabulary course for non-native speakers of English. The course focuses on vocabulary development and reading comprehension through reading strategies, skimming, scanning, organizational patterns and structure, summarizing, and word-pair analogies. Pass/No Pass Option.

30549  MW  12:30PM - 1:55PM G Barta  LASS 38  3.00
30550  TTh  12:30PM - 1:55PM G Barta  LASS 38  3.00

ESLW 964GW  PARAGRAPH DEVELOPMENT
Prerequisite: ESLW 963GW. Advisory: ESLW 964LS and ESLW 964RV. This course gives students the opportunity to develop the ability to write varied complex sentences and effective paragraphs in standard written English. The course focuses on study and practice of complex sentence structures, and prewriting techniques including outlining and basic rhetorical patterns. Pass/No Pass Option.

30551  TTh  10:55AM - 12:20PM S Ortega  LASS 38  3.00

ESLW 964LS  ORAL COMMUNICATION 2
Prerequisite: ESLW 963LS. Advisory: ESLW 964GW and ESLW 964RV. This course provides students with the opportunity to develop fluency in writing expository paragraphs in standard written English and introduces essay structure. The focus is on the study and practice of thesis statements, rhetorical patterns, organization of an essay, coherence and the writing process. Pass/No Pass Option. Transfer: CSU

32232  MW  10:55AM - 1:00PM C Fathman  LASS 38  4.00

ESLW 965LS  ACADEMIC LISTENING & SPEAKING
Prerequisite: ESLW 964LS. Advisory: ESLW 965GW and ESLW 965RV. This course is designed to provide instruction and extensive practice in academic listening and speaking such as comprehending academic lectures, note-taking, producing original speeches, analyzing hypothetical situations and becoming proficient in academic discourse. The focus is on usage of the 10,000 most common English words, including academic vocabulary. Pass/No Pass Option. Transfer: CSU

32233  MW  10:55AM - 1:00PM C Fathman  LASS 38  4.00

ESLW 965RV  ACADEMIC READING AND VOCABULARY
Prerequisite: ESLW 964RV. Advisory: ESLW 965LS and ESLW 965GW. This course emphasizes reading and vocabulary development for ESL students at an advanced level. Students read articles that are longer and more complex than in ESLW 964RV. Emphasis is on paraphrasing, summarizing, and analysis of texts to make abstract inferences and recognize propaganda. Pass/No Pass Option. Transfer: CSU

32234  F  10:15AM - 1:25PM G Barta  LASS 31  3.00

FASHION DESIGN AND APPAREL TECHNOLOGIES

FDAT 019  COMPUTER PATTERNMAKING
Advisory: FDAT 056. This course concentrates on computer techniques for patternmaking using Gerber Technology (GT) AccuMark software. This course provides students the opportunity to access Pattern Design System (PDS) software and also Marker Making and grading using Gerber AccuMark Software. Pass/No Pass Option. Transfer: CSU

30038  TTh  9:20AM - 11:45AM T Kellner  CIL 123  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 10:20AM - 11:45AM.

FDAT 027  PROFESSIONAL IMAGE
This course consists of wardrobe coordination and business etiquette practices for professional and contemporary life styles. Theories of color harmony and individual coloring, proportion, line and design for individual figures and faces are presented in the context of projecting a professional image in a business environment. Information presented in this course is particularly applicable for those in all professional careers. Pass/No Pass Option. Transfer: CSU

30039  TTh  10:55AM - 12:20PM Evtimov  CIL 113  3.00

FDAT 030  INTRODUCTION TO FASHION DESIGN
This course presents general information about the global fashion industry, fashion change, environmental issues and the process of apparel design and production. Career opportunities and requirements for employment within the fashion industry are explored. Pass/No Pass Option. Transfer: CSU

30040  MW  10:55AM - 12:20PM Murillo  CIL 113  3.00

FDAT 032  HISTORY OF FASHION
This course covers the historical development of Western fashions/costumes with emphasis on the period from 1660 to the present. The effect of a historical period on the fashions of the times is explored with an emphasis on the relationship between past eras and today's fashion. Students have the opportunity to study the careers of major twentieth century designers and their contribution to the field of fashion. Pass/No Pass Option. Transfer: CSU

30041  TTh  9:20AM - 11:45AM K Min  CIL 113  3.00

• PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
• Courses used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
FDAT 044 FASHION DRAWING
This course introduces the techniques for drawing apparel. These techniques include principles of fashion figure proportion, garment styling, and fabric rendering. Basic fashion figures called "croquis" forms are used to draw apparel in the flat and the three dimensional form. This course is essential for anyone entering any apparel design career and is helpful to those entering an apparel manufacturing or patternmaking career. Pass/No Pass Option. Transfer: CSU

30042 T 2:05PM - 5:15PM K Min CIL 113 3.00

FDAT 051 BASIC APPAREL CONSTRUCTION
This course provides students the opportunity to use basic industry standard construction techniques and sequences for mass production of apparel. Working in a mock-factory setting, students have the opportunity to operate and maintain sewing equipment while completing several basic garments. Pass/No Pass Option. Transfer: CSU

N 30043 MW 6:00PM - 8:25PM T Keller CIL 110 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 7:00PM - 8:25PM.

FDAT 052A FABRIC ANALYSIS 1
Fabric information applicable to apparel and other textile related products are presented with emphasis on the analysis of fibers, yarns, fabric construction, coloration and finishes as they relate to textile and products. The course provides students the opportunity to perform hands-on experiments to reinforce basic information and expand working knowledge of fabrics. Pass/No Pass Option. Transfer: CSU

30044 MW 9:20AM - 10:45AM N Markelz CIL 113 3.00

FDAT 052B FABRIC ANALYSIS 2
Prerequisite: FDAT 052A. This course is a continuation of FDAT 052A. Woven, knit, and printed fabrics as well as textile innovations are studied in depth. Textile testing, labeling, regulations and environmental concerns are also covered. Emphasis is placed on understanding fabric’s behavior, durability, performance and the criteria for selecting appropriate fabrics for apparel. Pass/No Pass Option. Transfer: CSU

N 30045 MW 12:30PM - 1:55PM N Markelz CIL 110 3.00

FDAT 056 PATTERNMAKING 1
This course covers the methods of creating flat patterns for workroom sample garments using fashion industry professional patternmaking techniques. Students have the opportunity to create style variations by manipulating basic pattern blocks. Students also have the opportunity to transfer design concepts into a complete apparel mini-collection. The course is essential for anyone entering any apparel design career and is helpful to those entering a apparel manufacturing or patternmaking career. Pass/No Pass Option. Transfer: CSU

N 30047 TTh 6:00PM - 8:25PM A Evfimiou CIL 110 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 7:00PM - 8:25PM.

FDAT 058 FASHION DRAPING
This course covers the three-dimensional method of creating workroom sample patterns using fashion industry professional draping techniques. Students have the opportunity to create style variations by manipulating basic pattern blocks. Students also have the opportunity to transfer design concepts into a complete apparel mini-collection. The course is essential for anyone entering any apparel design career and is helpful to those entering an apparel manufacturing or patternmaking career. Pass/No Pass Option. Transfer: CSU

30048 MW 2:05PM - 4:30PM T Keller CIL 110 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 3:05PM - 4:30PM.

FDAT 070 ELEMENTS & PRINCIPLES OF DESIGN
This course introduces students to the basic design elements and principles as they apply to fashion design. The effect of silhouette, proportion, line and color are explored with the emphasis on developing an aesthetic awareness of good design. Pass/No Pass Option. Transfer: CSU

30049 TTh 12:30PM - 1:55PM K Min CIL 113 3.00

FDAT 081 LINE DEVELOPMENT
Prerequisites: FDAT 052B, FDAT 057, FDAT 076. This course focuses on the process of developing a line of apparel and techniques for presenting it using a professional portfolio. Emphasis is on the process of organizing original design concepts into a complete apparel mini-collection including the designing, construction, and costing of pre-production samples. Students have the opportunity to create their own line of apparel in the chosen area of interest. Pass/No Pass Option. Transfer: CSU

30051 F 9:20AM - 2:45PM K Min CIL 110 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 11:35AM - 2:45PM.

FDAT 087 CAD: TECHNICAL DRAWINGS AND SPECIFICATIONS
This course covers the methods of creating flat sketches, technical drawings for apparel and basic textile designs using common computer aided design programs. Techniques for creating specification sheets, layouts, and presentations are also covered. This course is appropriate for students who want to create flat drawings, technical drawings, and background images in any of the following disciplines: apparel design, desktop publishing, graphic arts/design, digital arts, fine arts, and multimedia. Pass/No Pass Option. Transfer: CSU

30050 Th 2:05PM - 5:15PM K Min CIL 120 3.00

FRENCH

FRNC 001A BEGINNING FRENCH
This course is designed to teach the fundamentals of French grammar and pronunciation, basic skills in speaking, writing and understanding the spoken and written word, and to introduce Francophone cultures. Pass/No Pass Option. Transfer: CSU

30574 MW 9:20AM - 11:50AM A Brichko LASS 43 5.00

FRNC 001B BEGINNING FRENCH
Prerequisite: FRNC 001A. 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. Transfer: CSU/UC

30577 MW 12:30PM - 3:00PM A Brichko LASS 43 5.00

FRNC 002A INTERMEDIATE FRENCH
Prerequisite: FRNC 001B or its equivalent. Students will review basic grammar and learn new structures and vocabulary while furthering their knowledge of the customs and cultures of France and other French-speaking countries. Conversation and oral and written drills will be emphasized, as well as practice in written composition. Examples of different styles of literature will be introduced to enhance reading skills. Pass/No Pass Option. Transfer: CSU/UC

30578 TTh 9:20AM - 11:50AM A Brichko LASS 43 5.00

FRNC 002B INTERMEDIATE FRENCH
Prerequisite: FRNC 002A or its equivalent. Continuation of French 002A. Pass/No Pass Option. Transfer: CSU/UC

30579 TTh 9:20AM - 11:50AM A Brichko LASS 43 5.00

FRNC 003A ADVANCED FRENCH ORAL AND WRITTEN COMPOSITION
Prerequisite: FRNC 002B or its equivalent. Enrichment of written and oral proficiency. Pass/No Pass Option. Transfer: CSU/UC

30580 TTh 9:20AM - 11:50AM A Brichko LASS 43 5.00

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

31666 TTh 9:20AM - 11:50AM A Brichko LASS 43 5.00

FRNC 011A FRENCH LABORATORY
Advisory: FRNC 001A. This is an online laboratory course designed to give students the opportunity to improve and reinforce their French language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one’s self, describing daily life activities, and exchanging information about pastimes. It explores French culture using language 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. Transfer: CSU

0.50

NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalleymd.edu/classes/online.html for class and instructor contact information.
FRNC 011B  FRENCH LABORATORY
Advisory: FRNC 001B. 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. Transfer: CSU
O 31667  A Braschko ONLINE 0.50
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

GEOGRAPHIC INFORMATION SYSTEMS TECHNOLOGY
GIST 016A  INTRODUCTION TO GEOSPATIAL TECHNOLOGY
This course examines the theory behind Geographic Information Systems (GIS), Global Positioning Systems (GPS) and Remote Sensing and their application to spatial data. This course is designed to take an interdisciplinary approach to GIS and demonstrate its capability for analysis and decision making in diverse industries and academic disciplines. Students have the opportunity to use the most current desktop software and on-line applications to find solutions and develop methods to solve problems using spatial data. Transfer: CSU
O 32284  C Cruz ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

GIST 016B  MOBILE GIS
This course provides students the opportunity to experience collecting field data with a location service application and incorporating that data in a mobile GIS. The use of (GPS) in conjunction with Mobile GIS software is emphasized. Transfer: CSU
N 32283 M 6:30PM - 9:40PM C Cruz CHE 123 3.00

GEOGRAPHY
GEOG 001  INTRO PHYSICAL GEOGRAPHY
This course is a spatial study of the Earth’s dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered; they may include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS). Pass/No Pass Option. Transfer: CSU/UC
O 30009 MW 10:55AM - 12:20PM J Hasty LASS 39 3.00
30008 MW 12:30PM - 1:55PM J Hasty LASS 39 3.00
O 30011 J Hasty ONLINE 3.00
SECTION #30011 BEGINS 04/06/20 CLASS ENDS 05/13/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.
O 30010 J Hasty ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

GEOG 002  INTRO CULTURAL GEOGRAPHY
This course is a study of diverse human populations, their cultural origins, diffusion and contemporary spatial expressions. Topics include: demography, languages and religions, urbanization and landscape modification, political units and nationalism, and economic systems and development. Pass/No Pass Option. Transfer: CSU/UC
O 30012  J Hasty ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.
O 32080  J Hasty ONLINE 3.00
SECTION #32080 BEGINS 04/06/20 CLASS ENDS 05/13/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

GEOG 006  WORLD REGIONAL GEOGRAPHY
This course is a survey of the world’s culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis is on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of a region are also included. Transfer: CSU/UC
30013 MW 9:20AM - 10:45AM J Hasty LASS 39 3.00

GEOLOGY
GEO 001A  PHYSICAL GEOLOGY
This course provides an introduction to the principles of geology with emphasis on Earth processes. Course emphasis is on the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and effects of tectonic activity. Pass/No Pass Option. Transfer: CSU/UC
30538 MW 10:55AM - 1:55PM Staff SM 49 4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 12:30PM - 1:55PM.
H 30539 R Lopez ONLINE 4.00
NOTE: This section includes laboratory on Tuesday.
O 30540 R Lopez ONLINE 4.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information. Email the instructor at robert.lopez@wvcc.edu for syllabus and laboratory information. The Lab section requires purchase of a custom WV Geology Lab kit from the WV College Bookstore or from https://esciencelabs.com/.

GEO 001B  HISTORICAL GEOLOGY
Advisory: GEO 001A or GEO 001AH. Historical geology introduces theories on the origin of the earth, oceans, atmosphere, paleogeography, and life as determined in the fossil and stratigraphic rock record during the past 4.6 billion years. Subjects include the minerals and rocks, plate tectonics, geologic dating, fossils, stratigraphy, biological evolution, the origin of planet Earth, and environment of deposition of rock formations. With the background of geologic principles, the development of the North American continent is introduced in detail. Pass/No Pass Option. Transfer: CSU/UC
O 31994  R Lopez ONLINE 4.00
NOTE: This class meets ONLINE using Canvas (https://web.wvm.edu/canvas). Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information. Email the instructor at robert.lopez@wvcc.edu for syllabus and laboratory information. The Lab section requires purchase of a custom WV Community College Lab Kit from the WV College Bookstore or from https://esciencelabs.com/. A non-mandatory, Spring Break, six-day, camping field trip to Death Valley National Park is scheduled from March 30 to April 4. A camping fee is required.

- PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
- Courses used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.
- ADVISORY is a recommended preparation, not a REQUIREMENT.
- IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
GEOL 012  EARTH SCIENCE WITH LAB
This course provides an introduction to the essentials of Earth Science. The course focuses on the interactions between physical and chemical systems of the Earth, including the geosphere, atmosphere, hydrosphere, and solar system. Lecture topics include plate tectonics, rock cycle, hydrologic cycle, solar system astronomy, weather, and climate. Laboratory activities include: mineral and rock identification; plate tectonics, earthquakes, and volcanoes; groundwater, stream, and mass wasting processes; geologic time and fossils; solar system and lunar astronomy; weather and climate; and field trip studies.
Pass/No Pass Option. Transfer: CSU/UC
31615  TTh 12:30PM - 1:55PM K Bowman SM 49 4.00
+ LAB T 2:05PM - 5:15PM F Garcia SM 49

GEOL 015  GEOLOGY OF CALIFORNIA
This course investigates the geologic development of California in space and time as shown by sedimentary, igneous, and metamorphic rocks and associated faults, folds and land forms. A background of earth science, although not required, is helpful. Pass/No Pass Option. Transfer: CSU/UC
31616  MW 9:20AM - 10:45AM R Lopez SM 49 3.00

GERMAN

GERM 001A  BEGINNING GERMAN
This course develops the fundamentals of the German language within a cultural context. This is a proficiency-based course that emphasizes the acquisition and development of communicative skills (comprehension, speaking, reading, and writing) and the understanding of German-speaking cultures. Pass/No Pass Option. Transfer: CSU/UC
30582  MW 12:30PM - 3:00PM J Conza-Roman LASS 25 5.00

GERM 001B  BEGINNING GERMAN
Prerequisite: GERM 001A. This course continues the development of basic skills for communication in German 001A: listening, speaking, reading, writing, and offers further exploration of the German culture begun in German 001A. It covers more complex grammar and communicative functions such as: narrating an event in the past, expressing one's opinions using subjunctive, and giving formal and informal commands, among others. Pass/No Pass Option. Transfer: CSU/UC
30583  MW 12:30PM - 3:00PM J Conza-Roman LASS 25 5.00

GERM 011A  GERMAN LABORATORY
Advisory: GERM 001A. This is an online laboratory course designed to give students the opportunity to improve and reinforce their German language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one’s self, describing daily life activities, and exchanging information about pastimes. It explores German culture using language computer programs, and a variety of other technologies, media, Internet resources, and films. This course is recommended for students enrolled in German 1A to further enhance 1A course material, but it may be taken independently by students who are not enrolled in a foreign language lecture course. Pass/No Pass Option. Transfer: CSU
O 30584  Staff ONLINE 0.50
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

GERM 011B  GERMAN LABORATORY
Advisory: GERM 001B. This is a laboratory course designed as a continuation of German 11A. The focus is on speaking and listening. It allows students the opportunity to improve and reinforce their language skills and increase their knowledge of the culture of German speaking countries through study of movies, using a variety of technologies, media, Internet resources. The course is recommended for students enrolled in German 001B, and is designed to further enhance 1B course material. German 011B may also be taken independently by students who are not enrolled in a foreign language lecture course. Pass/No Pass Option. Transfer: CSU
O 30585  Staff ONLINE 0.50
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

HEALTH CARE TECHNOLOGIES

HCH 001  INTRODUCTION TO HEALTH CARE
Survey of the health care delivery system, the history of medicine and the development of the health care ancillary fields. Orientation to the department and programs. This course is required during the student’s first semester in the Health Care Technologies Department. Students from all of our programs will be required to take this course. Pass/No Pass Option.
30027  W 12:30PM - 1:35PM K Gaiero CIL 109 1.00

HCH 002  MEDICAL INFORMATION PROCESSING
In this course, students have the opportunity to receive instruction in medical information processing. The areas covered are applications and use of medical terminology, abbreviations, numbers and appropriate formats in medical communications such as medical chart notes, history and physicals, consultations and operative reports.
H 30072  M 2:05PM - 5:15PM F Javanmardian CIL 125 2.00
This is a HYBRID course that meets IN-PERSON and ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. In person meetings will be held Mondays, 2:05PM-5:15PM. Instructions for the course will be given at the first class meeting.

HCH 005  BASIC MEDICAL TERMINOLOGY
This course provides a basic understanding of word parts and how they are combined to form medical terms. Emphasis is on major organ systems and related specialties and pathologies with concentration on building vocabulary, with correct pronunciation and usage. Pass/No Pass Option. Transfer: CSU
N 30021  T 4:55PM - 8:05PM K Gaiero CIL 109 3.00
O 32086  F Javanmardian ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

HCH 006  ADVANCED MEDICAL TERMINOLOGY
Prerequisite: HCH 005. This course provides an introduction to the nature of diseases and terms of the clinical procedures, laboratory tests, and abbreviations connected with them. Students have the opportunity to explore the terminology related to anatomy and physiology of the body systems. Pass/No Pass Option. Transfer: CSU
O 30073  F Javanmardian ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

HCH 007  MEDICAL ETHICS & LAW
This course covers medical ethics and law in the Health Care Profession. The areas covered are: bio-ethical issues, medical practice acts, legal relationships and responsibilities, invasions of privacy, medical professional liability, the litigation process, avoiding unjustified malpractice/negligence claims, and the exploration of relevant current issues. Transfer: CSU
N 30028  Th 5:15PM - 7:20PM K Gaiero CIL 109 2.00

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
CLASS INFORMATION — Spring 2020

H = HYBRID CLASS  N = NIGHT CLASS  O = ONLINE CLASS  W = WEEKEND CLASS

HITCH 008 COMMUNICATION FOR HEALTH CARE PERSONNEL
This course will provide instruction for the health care provider in the concept of team membership. Styles of communication, human needs, individual differences, and cultural biases will be examined. The behavior, needs, and method of communication required by differing groups of patients (children, youths, elderly as well as those suffering from violence, homelessness, life altering illness or injury, chemical dependency, anger or depression, and those who are dying) will be represented.

30074 M 10:55AM - 1:00PM  F Javanmardian  CIL 109  2.00

HITCH 041 MEDICAL OFFICE BUSINESS PROCEDURES
Advisory: HITCH 005. This course provides instruction and practical application of administrative procedures in a medical office. These procedures include management of appointment schedules, telephone communications, medical record management, credit and collections, accounts receivable, accounts payable, personnel selection, training and supervision, and payroll record keeping. Transfer: CSU

H 30077 F Javanmardian ONLINE  3.00
+ LAB W 9:20AM - 12:30PM F Javanmardian
NOTE: This is a HYBRID course that meets weekly IN-PERSON and ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Instructions for the course will be given at the first class meeting. Labs meet Wednesday from 9:20am - 12:30pm.

HITCH 043 BASIC MEDICAL ACCOUNTING AND RECORD KEEPING
Prerequisite: HITCH 042. This course includes a review of basic mathematical principles of decimals, fractions and percentages as they apply to the business office (discounts, commission, markup, depreciation, simple and compound interest). Other topics include: instruction in medical office financial records control: cash control, office record keeping, payroll accounting, and the application of concepts and procedures of office record keeping through the use of a practice set or computer program. Pass/No Pass Option. Transfer: CSU

30075 TTh 8:30AM - 10:30AM  F Javanmardian  CIL 125  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 10:00AM - 10:30AM and Th from 9:30AM - 10:30AM.

HITCH 054A INTERNSHIP FOR HEALTH CARE TECHNOLOGIES

30022 K Gaiero  2.00
NOTE: Student MUST CONTACT INSTRUCTOR FOR Add Code or Add Slip prior to last day to add. Completed paperwork must be submitted to the instructor PRIOR TO BEGINNING THE INTERNSHIP. Email: kris.gaiero@westvalley.edu  Phone: 408-741-4019.

30023 K Gaiero  2.00
SECTION #30023 BEGINS 03/23/20 CLASS ENDS 05/22/20
NOTE: Student MUST CONTACT INSTRUCTOR FOR Add Code or Add Slip prior to last day to add. Completed paperwork must be submitted to the instructor PRIOR TO BEGINNING THE INTERNSHIP. Email: kris.gaiero@westvalley.edu  Phone: 408-741-4019.

HITCH 057 STERILE TECHNIQUES
Advisory: HITCH 005. This course provides students with the opportunity to learn the theory and practice in sterilization, sterile technique, assisting with minor office surgery, and assisting with examinations and procedures in pediatrics, proctology, gynecology and obstetrics. Instruction in basic nutrition and diet therapy are taught.

30024 M 2:30PM - 4:10PM K Gaiero  CIL 109  2.50
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 2:45PM - 4:10PM.

HITCH 058 LABORATORY TECHNIQUES
Designed to develop knowledge and understanding of basic laboratory tests that may be done in a Medical Office, or sent to a reference laboratory; specimen collection, analytical techniques, normal values and interpretation of abnormal values. Pass/No Pass Option.

30025 Th 11:30AM - 4:55PM  K Gaiero  CIL 109  3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets Th from 1:45PM - 4:55PM. Student MUST CONTACT INSTRUCTOR FOR Add Code or Add Slip prior to last day to add. Email: kris.gaiero@westvalley.edu  Phone: 408-741-4019.

HITCH 064 ECG AND ORTHO TECH
Advisory: HITCH 005. MATH 902, MATH 902P. This course offers participants the didactic and practical skills necessary to perform 12-lead electrocardiograms (ECGs) and provide care for orthopedic patients in acute and clinical settings. In addition, this course introduces the participants to medical office first aid procedures and basic physical therapy modalities. Pass/No Pass Option.

N 30026 W 4:55PM - 9:40PM  K Gaiero  CIL 109  2.50
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 6:30PM - 9:40PM. Student MUST CONTACT INSTRUCTOR FOR Add Code or Add Slip prior to last day to add. Email: kris.gaiero@westvalley.edu  Phone: 408-741-4019.

HEALTH SCIENCE

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

W 31707 S 9:00AM - 5:00PM  P Louderback  PE 4  0.50
SECTION #31707 BEGINS 04/25/20 CLASS ENDS 04/25/20
NOTE: This is the American Heart Association Basic Life Support for Healthcare Professionals course. Mandatory Fee for required materials necessary to achieve objectives at cost, $5.

HSCI 005 RESPONDING TO EMERGENCIES: COMPREHENSIVE FIRST AID/ CPR/AED
This course covers the principles and applications of comprehensive First Aid and safety to correctly respond during an emergency. Comprehensive First Aid instruction includes techniques to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until advanced medical help arrives. In addition, this course includes instruction in advanced Cardiopulmonary Resuscitation (CPR) for the adult, child, and infant, along with use of the Automated External Defibrillator (AED). Successful completion leads to the American Red Cross certification in “Responding to Emergencies: Comprehensive First Aid / CPR / AED.” Pass/No Pass Option. Transfer: CSU/UC

31708 MW 10:55AM - 12:20PM  P Starks  PE 4  2.00
SECTION #31708 BEGINS 01/25/20 CLASS ENDS 04/13/20
NOTE: Mandatory Fee for required materials necessary to achieve objectives at cost, $20.
HSCI 008 CONTEMPORARY HEALTH
This course examines concepts of health from multiple perspectives and considers the biological, psychological, and sociological aspects of health in our contemporary world. Topics include, but are not limited to stress, nutrition, weight management, alcohol, tobacco, drugs, sexual health, exercise, psychological health, chronic disease, minority health, aging and dying. We also consider current world and public health events, cultural differences, and other significant contributions to the study of health. Pass/No Pass Option. Transfer: CSU/UC

H 32082 MW 9:20AM - 10:45AM P Louderback PE 5 3.00
P Louderback ONLINE
NOTE: This is a HYBRID course that meets twice weekly IN-PER-SON (1/25/20 - 4/10/20) and then goes fully online for the remainder of the semester. ONLINE (4/10/20 - 5/22/20) using Canvas (https://web.wvm.edu/canvas).

O 31957 P Louderback ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

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

32083 TTh 10:55AM - 12:20PM Louderback PE 5 3.00

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

O 31709 P Louderback ONLINE 3.00
SECTION #31709 BEGINS 03/02/20 CLASS ENDS 05/17/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

HSCI 014 CONCEPTS OF PUBLIC HEALTH AND SOCIETY
The course provides an introduction to an interdisciplinary approach to factors that influence health and disease. Topics include an analysis of the social determinants of health, health disparities among various populations and strategies for eliminating illness and disease. In addition, students will be introduced to the epidemiology of infectious and chronic disease, the prevention and control of diseases in the community, and the history and accomplishments of public health. Pass/No Pass Option. Transfer: CSU/UC

O 32335 P Louderback ONLINE 3.00
SECTION #32335 BEGINS 03/02/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

HISTORY

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

30014 MW 9:20AM - 10:45AM O Bradley LASS 24 3.00

HIST 005A WORLD HISTORY: PREHISTORY TO 1500
This course provides a comparative, interactive investigation and analysis of World History as related to the development of the modern world. Five geographic regions surveyed include: Asia/Pacific Islands, Africa, Europe, North America and South America. Students are introduced to the major historical trends and developments in World History from Prehistory to 1500. The methods of historical analysis and interpretation are addressed through survey of cultural, economic, political, social and technological similarities and differences between civilizations. The course examines issues relevant to understanding race, culture, class, ethnicity, gender, religion, disabilities and sexualities in human societies through World History. Transfer: CSU/UC

30015 TTh 10:55AM - 12:20PM M Pritchard LASS 50 3.00

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

30016 TTh 2:05PM - 3:30PM J Coburn LASS 24 3.00

HIST 016 MEXICAN-AMERICAN HISTORY
This course introduces students to the history of the United States and the Mexican-American experience from the Colonial Period to the present. The course emphasizes the role and life experiences of Mexican-Americans in the historical evolution of the political, economic and socio-cultural institutions of the United States. Pass/No Pass Option. Transfer: CSU/UC

30017 MW 9:20AM - 10:45AM M Pritchard LASS 25 3.00

HIST 017A UNITED STATES HISTORY
This course is a survey of the political, economic, and social and cultural development of the United States from the pre-Colonial period through the Civil War. Topics covered include indigenous and European influence on the development of the colonies, the causes and consequences of the War of Independence, the ideological origins of republicanism and principles of the United States Constitution, early industrialization, westward expansion, foreign policy, sectional conflict, slavery and its impact on race relations, abolition and other reform movements, and the Civil War. Pass/No Pass Option. Transfer: CSU/UC

30034 MW 10:55AM - 12:20PM S Juarez LASS 25 3.00
30032 MW 2:05PM - 3:30PM M Pritchard LASS 24 3.00
30033 TTh 9:20AM - 10:45AM S Juarez LASS 20 3.00
30031 TTh 2:05PM - 3:30PM M Pritchard LASS 20 3.00
30037 T 6:30PM - 9:40PM B Ravey FOX 101 3.00
O 32854 S Juarez ONLINE 3.00
SECTION #32854 BEGINS 03/16/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

O 32852 S Juarez ONLINE 3.00
SECTION #32852 BEGINS 04/06/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

O 30035 S Juarez ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.
HIST 017B UNITED STATES HISTORY
This course is a survey of the political, economic, and social and cultural development of the United States from Reconstruction to the present. Topics covered include Reconstruction, Native American culture and western settlement, Industrialization, the Progressive Era, World War I, the Twenties, the New Deal, and World War II. Also covered are domestic, social, and foreign policy issues of the post-World War II period from the 1950s through the 1990s, including reform movements, Vietnam, the Civil Rights and other ethnic movements, the Feminist Movement, popular culture, and post-Cold War foreign policy. Pass/No Pass Option. Transfer: CSU/UC

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HIST 020 HISTORY AND GEOGRAPHY OF CALIFORNIA
This course examines historical qualities that make California geographically and historically unique, including race and ethnicity, class and gender conflict, state and local politics, and economics from the pre-Spanish missionization period up to the present day. Transfer: CSU/UC

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HIST 021B HISTORICAL METHODS
This course examines historical methods of examination through a common theme with other courses offered within the specified transdisciplinary unit. This course introduces microeconomic analysis. The course analyzes the allocation of resources and the distribution of income through a price system. The course analyzes the role of public policy in the economy. Transfer: CSU/UC

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ENGL 001H HONORS CRITICAL THINKING AND WRITING
Prerequisite: ENGL 001A. Honors Critical Thinking and Writing uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This writing course focuses on critical thinking and formal argument writing, including the principles of classical argument structure and methods of reasoning. Transfer: CSU/UC

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EDUC 120H HONORS PRINCIPLES OF MICROECONOMICS
Prerequisite: MATH 903 or 903R or LRSV 945; Co-requisite: ECON 002BH. Honors Principles of Microeconomics uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course introduces microeconomic analysis. The course analyzes the allocation of resources and the distribution of income through a price system. The course analyzes the role of public policy in the economy. Transfer: CSU/UC

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ENGL 003H HONORS INTRODUCTION TO CULTURAL ANTHROPOLOGY
Honors Introduction to Cultural Anthropology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course examines dance as a cultural expression through a common theme with other courses offered within the specified transdisciplinary unit. This online laboratory introduces microeconomic analysis which focuses on individual economic decision-makers and markets. Topics include scarcity and allocation of resources, distribution of income and wealth, market equilibrium, price ceilings/floors, elasticity, consumer theory, cost/profit analysis, market structures, factor markets, market failure, international trade and finance, and the role of public policy in the economy. This lab must be taken concurrently with Econ 001BH. Transfer: CSU/UC

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HIST 018H UNITED STATES HISTORY
This course is a survey of the political, economic, and social and cultural development of the United States from Reconstruction to the present. Topics covered include Reconstruction, Native American culture and western settlement, Industrialization, the Progressive Era, World War I, the Twenties, the New Deal, and World War II. Also covered are domestic, social, and foreign policy issues of the post-World War II period from the 1950s through the 1990s, including reform movements, Vietnam, the Civil Rights and other ethnic movements, the Feminist Movement, popular culture, and post-Cold War foreign policy. Pass/No Pass Option. Transfer: CSU/UC

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ANTH 003H HONORS INTRODUCTION TO CULTURAL ANTHROPOLOGY
Honors Introduction to Cultural Anthropology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course examines dance as a cultural expression through a common theme with other courses offered within the specified transdisciplinary unit. This course introduces microeconomic analysis. The course analyzes the allocation of resources and the distribution of income through a price system. The course analyzes the role of public policy in the economy. Transfer: CSU/UC

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ECON 001BH HONORS PRINCIPLES OF MACROECONOMICS
Prerequisite: MATH 903 or 903R or LRSV 945; Co-requisite: ECON 002BH. Honors Principles of Microeconomics uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course introduces microeconomic analysis. The course analyzes the allocation of resources and the distribution of income through a price system. The course analyzes the role of public policy in the economy. Transfer: CSU/UC

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ECON 002BH HONORS PRINCIPLES OF MACROECONOMICS LAB
Co-requisite: ECON 001BH. Honors Principles of Microeconomics Lab uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course introduces microeconomic analysis. The course analyzes the allocation of resources and the distribution of income through a price system. The course analyzes the role of public policy in the economy. Transfer: CSU/UC
MATH 010H HONORS ELEMENTARY STATISTICS
Prerequisite: MATH 106 or 106R or MATH 105. Honors Elementary Statistics uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course is an introduction to political theory analyzing the ideological origins of nation-states from direct democracy to totalitarian forms of government. This course may be used to meet Social Science Series Area D requirements in the General Education pattern for transfer to the California State University System. Transfer: CSU/UC

30669 TTh 8:30AM - 10:35AM J Bautista
NOTE: You must be an Honors student to register for this class. For information about joining the Honors program, please go to: https://www.westvalley.edu/learning-communities/honors/.
This course requires the purchase and use of an online homework system. No physical textbook required.

POLI 003H HONORS INTRODUCTION TO POLITICAL SCIENCE
Honors Introduction to Political Science uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course is an introduction to political theory analyzing the ideological origins of nation-states from direct democracy to totalitarian forms of government. This course may be used to meet Social Science Series Area D requirements in the General Education pattern for transfer to the California State University System. Transfer: CSU/UC

30157 TTh 12:30PM - 1:55PM J Kelly
NOTE: You must be an Honors student to register for this class. For information about joining the Honors program, please go to: https://www.westvalley.edu/learning-communities/honors/.

PSYC 002H HONORS EXPERIMENTAL PSYCHOPHYSIOLOGY
Prerequisites: PSYC 001 and MATH 010 or MATH 010H. Honors Experimental Psychophysiology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. The course introduces the student to the theory and application of the scientific method in psychology. Content includes: philosophy of science, research design, experimental procedures, data analysis and presentation. A computerized psychophysiology laboratory is used to introduce students to experiments in which one variable is physiological and the primary focus and theoretical context are behavioral. Transfer: CSU/UC

30228 TTh 12:30PM - 1:55PM J Bautista
+ LAB TTh 2:05PM - 3:30PM J Bautista
NOTE: You must be an Honors student to register for this class. For information about joining the Honors program, please go to: westvalley.edu/honors.

31493 TTh 6:00PM - 7:25PM J Bautista
+ LAB TTh 7:35PM - 9:00PM J Bautista
NOTE: You must be an Honors student to register for this class. For information about joining the Honors program, please go to: westvalley.edu/honors.

HUMANITIES

HUMN 001A HUMAN VALUES IN AND FROM THE ARTS
This course shows arts within a historical context from the ancient world to the Early Renaissance. It is an interdisciplinary approach to cultural epochs through the use of thematic materials and ideas, and values. Transfer: CSU/UC

O 30118 S Ricar ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

O 32877 S Ricar ONLINE 3.00
SECTION #30119 BEGINS 04/06/20 CLASS ENDS 05/22/20
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

HUMN 001B HUMAN VALUES IN AND FROM THE ARTS
This course dates from the Renaissance to the present. This is an interdisciplinary approach to cultural epochs through the use of thematic materials, ideas, and values. Transfer: CSU/UC

O 30121 MW 9:20AM - 10:45AM R Jackman
+ LAB TTh 12:30PM - 1:55PM J Kelly
NOTE: You must be an Honors student to register for this class. For information about joining the Honors program, please go to: westvalley.edu/honors.

INTD 005 INTRODUCTION TO INTERIOR DESIGN
This survey course introduces the Interior Design profession, its history, and related specialties and disciplines. Topics are related to the multi-faceted aspects of this discipline, including the many career paths and opportunities. Pass/No Pass Option. Transfer: CSU

30733 F 9:20AM - 12:10PM M McEwan
SECTION #30733 BEGINS 02/21/20 CLASS ENDS 05/27/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

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

30735 TTh 12:30PM - 3:00PM P Christensen
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 1:35PM - 3:00PM.

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

30736 TTh 9:20AM - 11:50AM C Bulut
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 10:25AM - 11:50AM.

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

30737 TTh 6:30PM - 7:55PM M McEwan
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 4:35PM - 6:00PM.

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

N 30738 TTh 4:35PM - 6:00PM C Wright
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 5:45PM - 7:05PM.

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

N 30741 M 12:30PM - 3:40PM D Hurau
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also require a math course prior to enrollment. See individual course descriptions for math recommendations.
INTD 030  GRAPHIC TECHNIQUES
This course introduces sketching, drawing and rendering techniques for inte-
rior spaces. One and two point perspective, floor plans and elevations are
drawn using detailed methodology. A variety of media are utilized to cre-
ate design documents and presentation drawings. Transfer: CSU  
30742 MW  9:20AM - 11:50AM P Maghsoud CHE 128 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion
meets MW from 10:25AM - 11:50AM.

INTD 035B  HISTORY OF FURNITURE AND INTERIORS
Prerequisite: INTD 035A. This course explores the principal styles of furni-
ture, interiors, and related decorative arts from 1800 to the present and is
a continuation of the design history taught in INTD 35A. Pass/No Pass Option. Transfer: CSU  
N 30744 MW  4:35PM - 6:00PM C Wright CIL 128 3.00

INTD 040  RESIDENTIAL DESIGN
Prerequisite: INTD 050. This course covers planning and design for interior
spaces, with emphasis on the residential environment. Projects include design
theory research, design concept development, and implementation in residen-
tial spaces. Students produce design documents including scaled drawings
and renderings, specifications, and design models. Transfer: CSU  
32710 MW  9:20AM - 11:50AM C Bulut CIL 150 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion
meets MW from 10:25AM - 11:50AM.

INTD 045  PROFESSIONAL PRACTICE
Prerequisite: INTD 040, INTD 055. This course covers business principles and
practices in the field of interior design for both residential and commercial inte-
riors. Students are introduced to proper business practices with an emphasis
on operating a design business. Pass/No Pass Option. Transfer: CSU  
30747 TTh  12:30PM - 1:55PM D Hurd CIL 115 3.00

INTD 050  KITCHEN & BATH DESIGN
Prerequisites: INTD 010, INTD 015, INTD 020, INTD 025, INTD 028, INTD 030,
INTD 065, and INTD 075. This course covers the process of design for kitch-
ens and bathrooms with emphasis on construction, working drawings, pre-
sentation drawings, finish selection and specifications. Transfer: CSU  
N 31555 MW  3:00PM - 5:00PM M Sherman CIL 128 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion
meets MW from 3:35PM - 5:00PM.

INTD 055  INTERIOR DESIGN ESTIMATING AND COSTING
Prerequisite: INTD 025. This course covers the processes and techniques
of estimating and specifying materials related to finishing and furnishings of inte-
rior spaces, including window treatments, wall treatments, floor treatments,
upholstery, furniture and other architectural surfaces. Pass/No Pass Option. Transfer: CSU  
30748 MW  12:30PM - 1:55PM C Bulut CIL 131 3.00

INTD 060  COMMERCIAL DESIGN
Prerequisite: INTD 040. This course emphasizes the methods of planning and
design for commercial interior spaces, including offices and public buildings.
Finishes, furnishings, and interior detailing related to commercial projects are
examined. Students have the opportunity to learn about and execute produce-
tion of design documents and presentation drawings. Transfer: CSU  
30749 TTh  9:20AM - 11:50AM D Hurd CIL 131 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion
meets TTh from 10:25AM - 11:50AM.

INTD 065  INTRODUCTION TO COMPUTER-AIDED INTERIOR DESIGN
Prerequisite: INTD 015. This course is an introduction to 2 dimensional and
isometric computer-aided drafting and design. Transfer: CSU/UC  
N 30750 MW  6:30PM - 9:00PM H Moatfar CIL 125 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion
meets MW from 7:35PM - 9:00PM.

INTD 075  LIGHTING DESIGN
Prerequisite: INTD 015. Advisory: INTD 020. The theory and practice of light-
ing design is addressed in the study of existing spaces and the development
of drawings and specifications for interior spaces. Pass/No Pass Option. Transfer: CSU  
32159 W  12:30PM - 3:40PM C Wright CIL 128 3.00

INTD 085  DESIGN DETAILING
Prerequisites: INTD 015 and INTD 025 and INTD 028. This course covers the
development of the design detailing process and production of detail draw-
ings related to interior design projects. Transfer: CSU  
N 30755 TTh  6:30PM - 9:00PM C Wright CIL 115 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion
meets TTh from 7:35PM - 9:00PM.

INTD 090A  INTERIOR DESIGN INTERNSHIP
Prerequisites: INTD 005, 010, 015, 020, 025. This course provides students
with field experience and the opportunity to work under the direct supervision of an
interior designer, or interior design-related professional, while applying knowl-
edge and skills acquired in the core interior design courses. Opportunities and
encouragement to research career opportunities are provided. A minimum of
180 unpaid or 225 paid internship hours are required. Pass Only. Transfer: CSU  
31614 D Hurd OFFCMP 3.00
NOTE: Students must contact instructor prior to registering for any
Internship class. Email is diane.hurd@wvm.edu.

INTD 090B  INTERIOR DESIGN INTERNSHIP
Prerequisites: INTD 040, INTD 045, INTD 050 and INTD 060. This course pro-
vides students with practical experience working directly under the supervi-
sion of an interior designer or interior design-related professional. Students
are able to apply knowledge and skills learned in the Interior Design Certificate
courses, including the design studio and professional practice courses related
to commercial and residential design, further enhancing the learning process.
Opportunities and encouragement to continue to research career possibilities
are provided. This 4-unit internship course is required for completion of the
31610 D Hurd OFFCMP 4.00

INTD 090C  KITCHEN AND BATH DESIGN INTERNSHIP
Prerequisite: INTD 050. This course is intended to provide students with expe-
rience working in the interior design profession with an emphasis on kitchen
and bathroom design and related areas. Pass Only. Transfer: CSU  
31617 D Hurd OFFCMP 4.00
NOTE: Students must contact instructor prior to registering for any
Internship class. Email is diane.hurd@wvm.edu.

ITALIAN

ITAL 001A  BEGINNING ITALIAN
This course develops the fundamentals of the Italian language within a com-
municative and cultural context. This is a proficiency-based course that
emphasizes the acquisition and development of communicative skills (com-
prehension, speaking, reading, and writing) and the understanding of Italian
culture. Pass/No Pass Option. Transfer: CSU/UC  
30586 MW  9:20AM - 11:50AM S Castellini-Patel LASS 35 5.00

ITAL 001B  BEGINNING ITALIAN
Prerequisite: ITAL 001A. 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. Transfer: CSU/UC  
30587 MW  9:20AM - 11:50AM S Castellini-Patel LASS 35 5.00

ITAL 002A  INTERMEDIATE ITALIAN
Prerequisite: ITAL 001B or its equivalent. An intermediate course. Review of
grammar, emphasizing structural analysis and practice in writing. Intensive oral
and written drills. Selected readings from representative works of contemporary
Italian authors. Pass/No Pass Option. Transfer: CSU/UC  
31635 MW  9:20AM - 11:50AM S Castellini-Patel LASS 35 5.00
ITAL 002B  INTERMEDIATE ITALIAN
Prerequisite: ITAL 002A or its equivalent. An intermediate course. Review of grammar, emphasizing structural analysis and practice in writing. Intensive oral and written drills. Selected readings from representative works of contemporary Italian authors. Pass/No Pass Option. Pass/No Pass Option. Transfer: CSU/UC
32215  MW 9:20AM - 11:50AM S Castellini-Patel  FOX  106  5.00

JAPANESE

JPNS 001A  BEGINNING JAPANESE
Students in this course have the opportunity to learn the fundamentals of Japanese grammar and pronunciation, to converse on a limited scale about topics of everyday importance, and to record this information in writing. Also, the course covers written and spoken Japanese based on the grammatical structures and vocabulary introduced in the course. Emphasis is placed on communication and relevancy. 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. Transfer: CSU/UC
N 30590  MW 6:00PM - 8:30PM M Takeda  LASS  35  5.00

JPNS 001B  BEGINNING JAPANESE
Prerequisite: JPNS 001A. This course continues the development of speaking, reading and writing skills, vocabulary, and knowledge of basic Japanese grammar began in Japanese 001A. Emphasis is placed on communication and relevancy. Students in this course have the opportunity to learn about and experience various aspects of the culture of the Japanese speaking world. Pass/No Pass Option. Transfer: CSU/UC
N 30591  MW 6:00PM - 8:30PM M Takeda  LASS  35  5.00

JPNS 011A  JAPANESE LABORATORY I
Advisory: JPNS 001A. This is a laboratory course designed to give students the opportunity to improve and reinforce their Japanese language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one’s self, describing daily life activities, and exchanging information about pastimes. It explores Japanese culture using language computer programs, and a variety of other technologies, media, Internet resources, and films. This course is recommended for students enrolled in Japanese 1A to further enhance 1A course material, but it may be taken independently. Pass/No Pass Option. Transfer: CSU/N 30592  MW 8:35PM - 9:25PM M Takeda  LASS 35  0.50 SECTION #30592 BEGINS 02/03/20 CLASS ENDS 05/13/20

JPNS 011B  JAPANESE LABORATORY II
Advisory: JPNS 011B. Japanese 011B is designed to give students an opportunity to improve and reinforce their language skills. It reviews Japanese culture using language computer programs, and through a variety of technology, media, Internet resources and films. This course is recommended for students enrolled in Japanese 001B to further enhance 1B course material, but it may be taken independently by students not enrolled in a foreign course. Pass/No Pass Option. Transfer: CSU/N 30593  MW 8:35PM - 9:25PM M Takeda  LASS 35  0.50 SECTION #30593 BEGINS 02/03/20 CLASS ENDS 05/13/20

KINESIOLOGY—ADAPTED
NOTE: The Kinesiology Department will hold a FREE Information Session for new and interested students on: Wed., January 22, 2020 at 6:30 pm in the Cilker Building.

NCPE 1.30  ADAPTED FITNESS
This adapted fitness course is designed for students with disabilities. Individualized exercise programs are created that focus on overall cardiovascular endurance, strength and flexibility training. The programs address the limitations of the individual’s disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.
30576  MW 2:05PM - 3:30PM E Barrilleaux  PE  12  0.00
31698  TTh 12:30PM - 1:55PM C Ligocki  PE  12  0.00

NCPE 1.31  ADAPTED AEROBIC EXERCISE
This adapted fitness course is designed for students with disabilities. The course provides an opportunity for students to increase their overall cardiovascular endurance. Individualized programs address the limitations of the student’s disability. Emphasis is on encouraging independence through the teaching of lifelong cardiovascular endurance.
30600  MW 9:20AM - 10:45AM E Barrilleaux  PE  12  0.00
30601  TTh 10:55AM - 12:20PM C Ligocki  PE  12  0.00

NCPE 1.32  ADAPTED CORE STRETCHING
This adapted flexibility course is designed to meet the needs of students with disabilities. This course includes instruction in a variety of stretching exercises to enable a student to attain optimal range of motion. Guided gentle muscle stretching and core stabilizing exercises with an emphasis on proper body alignment, breathing techniques, and relaxation are addressed to encourage independence and develop lifelong fitness skills.
31697  TTh 9:20AM - 10:45AM C Ligocki  PE  11  0.00

NCPE 1.34  ADAPTED WEIGHT TRAINING
This non-credit adapted weight training course is designed for students with disabilities. Individualized exercise programs are created that focus on basic weight training and strength development principles. The programs address the limitations of the individual’s disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.
30602  MW 10:55AM - 12:20PM E Barrilleaux  PE  12  0.00

NCPE 1.35  ADAPTED FUNCTIONAL FITNESS
This non-credit adapted functional fitness course is designed for students with disabilities. Individualized exercise programs are created that focus on the development of core strength, flexibility, and balance. Information is given regarding alternative equipment used for functional training. The programs address the limitations of the individual’s disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.
32260  MW 12:30PM - 1:55PM E Barrilleaux  PE  12  0.00 SECTION #32260 BEGINS 01/27/20 CLASS ENDS 03/20/20

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

**KINS 4.07  FITNES COMPETITIVE ATHLETE**
This course provides students the opportunity to properly train and condition their body for increased strength, flexibility and endurance for athletic competition. Pass/No Pass Option. Transfer: CSU/UC
32772 MW 10:55AM - 12:20PM J Kerwin PE 11 1.00
NOTE: Emphasis mixed martial arts.
32773 MW 12:30PM - 1:55PM M Gilani PE 11 1.00
NOTE: Emphasis mixed martial arts.
32774 TTh 12:30PM - 1:55PM M Gilani PE 11 1.00
NOTE: Emphasis mixed martial arts.
32775 TTh 2:05PM-3:30PM M Gilani PE 11 1.00

**KINS 4.12  FITNESS-STRETCH AND FLEX**
This course explores the technique, theory and benefits of acquiring flexibility through a variety of stretching exercises. Particular attention is devoted to back care and muscle relaxation techniques. Pass/No Pass Option. Transfer: CSU/UC
31637 ONLINE 1.00
SECTION #31637 BEGINS 02/06/20 CLASS ENDS 03/27/20
NOTE: This class meets both in IN-PERSON and ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Begins 2/2/20. Class ends 3/22/19. On campus orientation 2/6/20 @ 4pm in room PE 7. On campus final meeting 3/27/20 @ 4pm in room PE 7.

**KINS 4.15  PRACTICAL EXPERIENCE IN PERSONAL TRAINING**
This course provides students the opportunity for practical applications and responsibilities of personal training. Topics include injury prevention, exercise prescription, and fitness assessments for program design. Pass/No Pass Option. Transfer: CSU/UC
31604 TTh 12:30PM - 1:55PM P Starks PE 9 1.00

**KINS 4.16  FITNESS WEIGHT TRAINING**
This course provides students with instruction in the various components of muscular strength and conditioning utilizing a variety of equipment and resistance training. Pass/No Pass Option. Transfer: CSU/UC
30249 MW 9:20AM - 10:45AM P Starks PE 9 1.00
30247 MW 10:55AM - 12:20PM J Kerwin PE 9 1.00
30255 MW 2:05PM - 3:30PM J Silveira PE 9 1.00
30251 MW 12:30PM - 1:55PM S Etelgeorge PE 9 1.00
30268 TTh 7:45AM - 9:10AM D Woodward PE 9 1.00
31498 TTh 9:20AM - 10:45AM S Etelgeorge PE 9 1.00
32779 TTh 10:55AM - 12:20PM D Yoshikawa PE 9 1.00
30238 TTh 12:30PM - 1:55PM S Etelgeorge PE 9 1.00
32776 TTh 2:05PM-3:05PM D Yoshikawa PE 9 1.00
+ LAB F 12:40PM - 1:30PM D Yoshikawa PE 9 1.00
32866 F 9:00AM - 10:15PM P Starks PE 9 1.00

**KINS 4.19  FITNESS APPRAISAL**
This course is designed to provide an increased self awareness of personal fitness levels and fitness concepts. It includes theories of fitness, lifestyle change, nutrition, weight management, and the development of a personal exercise program. Pass/No Pass Option. Transfer: CSU/UC
31638 ONLINE 1.00
SECTION #31638 BEGINS 03/09/20 CLASS ENDS 05/09/20
NOTE: This class meets both in IN-PERSON and ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information. Class begins 3/9/20. Class ends 5/9/20. On campus orientation 3/13/20 @ 12pm in room PE9. On campus final meeting 5/8/20 @ 12pm in room PE9.

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**KINESIOLOGY—AQUATICS**

**KINS 2.02  LIFEGUARD TRAINING**
Advisory: Intermediate swimming proficiency is recommended. This course provides participants with the knowledge and skills required for American Red Cross Lifeguard Training, Title 22 First Aid, and CPR PRO/AED certifications. Intermediate swimming proficiency is recommended. Pass/No Pass Option. Transfer: CSU/UC
N 31553 WThF 5:45PM - 10:00PM E Vargas POOL 1.00
+ LAB S 8:00AM - 5:00PM E Vargas POOL
SECTION #31553 BEGINS 01/30/20 CLASS ENDS 02/22/20
NOTE: This is a LATE start course. Class meets 3 Wednesdays (2/5, 2/12, 2/19) and 4 Thursdays (1/31, 2/6, 2/13, 2/20) and 1 Friday (1/31) from 5:45pm - 10:00pm and 2 Saturdays (2/1, 2/22) from 8:00am - 5:00pm. Mandatory fee for required materials necessary to achieve course objectives, provided at cost $35. Attendance to entire session is required. Mandatory swim test administered on first day for participation in class.

**KINS 2.04  SWIMMING-BEGINNING**
This course provides students with the opportunity to gain elementary swimming skills and knowledge in order to remain safe while in and around the water. Freestyle and side breathing are emphasized for beginning level swimmers. Pass/No Pass Option. Transfer: CSU/UC
30317 MW 10:55AM - 12:20PM J Kerwin POOL 1.00
30310 TTh 9:20AM - 10:45AM E Vargas POOL 1.00
30627 TTh 12:30PM - 1:55PM W Rodriguez POOL 1.00

**KINS 2.05  SWIMMING-INTERMEDIATE**
This course is designed to increase the watermanship of the individual by adding to the skills learned in Beginning Swimming. This course provides students the opportunity for additional freestyle stroke work techniques for backstroke and breaststroke are introduced. An emphasis is placed on improving stamina and coordination. Pass/No Pass Option. Transfer: CSU/UC
30318 MW 10:55AM - 12:20PM J Kerwin POOL 1.00
30311 MW 9:20AM - 10:45AM E Vargas POOL 1.00
30628 TTh 12:30PM - 1:55PM W Rodriguez POOL 1.00

**KINS 2.06  SWIMMING-ADVANCED**
This course provides students the opportunity to gain swimming skills for butterfly and continue to develop the stroke techniques introduced in the intermediate level. Emphasis is on the development of swimming speed, endurance, and strength. Pass/No Pass Option. Transfer: CSU/UC
30319 MW 10:55AM - 12:20PM J Kerwin POOL 1.00
30312 TTh 9:20AM - 10:45AM E Vargas POOL 1.00
30629 TTh 12:30PM - 1:55PM W Rodriguez POOL 1.00

**KINS 2.07  MASTER'S SWIMMING**
This course provides students the opportunity to participate in a workout structured for competitive swimmers with emphasis on improving individual stroke mechanics and mental preparation for competition. Pass/No Pass Option. Transfer: CSU/UC
32329 MW 10:55AM - 12:20PM J Kerwin POOL 1.00
32361 MW 9:20AM - 10:45AM E Vargas POOL 1.00
30630 TTh 12:30PM - 1:55PM W Rodriguez POOL 1.00

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**PREREQUISITES and COREQUISITES are MANDATORY.** If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.

**Course used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.**

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

**IMPORTANT FEE INFORMATION:** Enrollment fees for community colleges are set by the state of California.
KINS 4.20  FITNESS, WEIGHT TRAINING II
This course is the second level of weight training for students who have completed Fitness, Weight Training I. This intermediate course continues to build on what students have learned from Fitness, Weight Training I. It also provides instruction in the various components of muscular strength using current trends in personal training. Topics include high intensity interval training, Cross-Fit protocols, and exercise prescription. Pass/No Pass Option. Transfer: CSU/UC

30267 MW 9:20AM - 10:45AM P Starks PE 9 1.00
30268 MW 10:55AM - 12:20PM Wiens PE 9 1.00
30269 MW 12:30PM - 1:55PM Eitelgeorge PE 9 1.00
30270 MW 2:05PM - 3:30PM J Silveira PE 9 1.00
31495 TTh 7:45AM - 9:10AM D Woodward PE 9 1.00
32780 TTh 10:55AM - 12:20PM Yoshikawa PE 9 1.00
32781 TTh 10:55AM - 12:20PM Yoshikawa PE 9 1.00
32777 TTh 2:05PM - 3:30PM D Yoshikawa PE 9 1.00
+ LAB F 12:40PM - 1:30PM D Yoshikawa PE 9 1.00
32782 F 9:00AM - 12:10PM P Starks PE 9 1.00

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

31627 MW 9:20AM - 10:45AM P Starks PE 9 1.00
31628 MW 10:55AM - 12:20PM Wiens PE 9 1.00
31629 MW 12:30PM - 1:55PM Eitelgeorge PE 9 1.00
31630 MW 2:05PM - 3:30PM J Silveira PE 9 1.00
31631 TTh 7:45AM - 9:10AM D Woodward PE 9 1.00
31632 TTh 9:20AM - 10:45AM S Eitelgeorge PE 9 1.00
32781 TTh 10:55AM - 12:20PM Yoshikawa PE 9 1.00
31625 TTh 12:30PM - 1:55PM P Starks PE 9 1.00
32778 TTh 2:05PM - 3:30PM D Yoshikawa PE 9 1.00
+ LAB F 12:40PM - 1:30PM D Yoshikawa PE 9 1.00

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

30234 MW 7:45AM - 9:10AM S Masik PE 9 1.00
30245 TTh 10:55AM - 12:20PM Robinson/Davis PE 8 1.00

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

30246 TTh 10:55AM - 12:20PM Robinson/Davis PE 8 1.00

KINS 4.28  FITNESS JOGGING
This course provides students the opportunity to gain the benefits of exercise through jogging. The principles of exercise relating to cardiovascular conditioning, muscle endurance, and flexibility are introduced. Pass/No Pass Option. Transfer: CSU/UC

30219 F 8:30AM - 11:40AM J Kerwin OFFCMP 1.00

KINS 4.29  BODY SCULPTING
This course provides students with the opportunity to gain muscular strength and endurance through the use of free weights, body bars, and resistive types of exercises. The workout is structured and the movements are set to music. Pass/No Pass Option. Transfer: CSU/UC

30243 TTh 10:55AM - 12:20PM Robinson/Davis PE 8 1.00

KINS 4.30  FUNCTIONAL FITNESS
This course provides students the opportunity to gain muscular strength, balance, coordination, speed, power, and agility by performing conditioning drills using plyometrics, medicine balls, agility domes, speed ladders, rebound balls, and yoga. Movement patterns are designed to improve skills for running, jumping, throwing, kicking, lunging, and swinging. These movement patterns are intended to prepare students to be functionally strong for competitive sports and active lifestyles Pass/No Pass Option. Transfer: CSU/UC

30230 MW 7:45AM - 9:10AM S Masik PE 9 1.00

KINS 4.31  CORE TRAINING
This course will provide students with the opportunity to gain muscular strength for trunk stabilization. Movement patterns that strengthen the abdominals, obliques, hips, and lower back will be emphasized. Increases in core strength will improve the student's ability to function in daily activities with proper biomechanics and less risk of injury. Pass/No Pass Option. Transfer: CSU/UC

30229 MW 7:45AM - 9:10AM S Masik PE 9 1.00

KINS 4.33  CARDIO CROSS TRAINING
This course provides students with the opportunity to gain improved cardiovascular fitness, flexibility, and muscle strength. This course utilizes exercise equipment to improve cardiovascular fitness. Equipment includes the stairmaster, stationary bike, treadmill, seated rowing machine, elliptical, and other apparatuses. Pass/No Pass Option. Transfer: CSU/UC

30135 MW 9:20AM - 10:45AM J Kerwin PE 17 1.00

KINS 4.35  TRAIL RUNNING
This course provides students the opportunity to gain the benefits of exercise through trail running. This course includes exercise protocols for agility, endurance, and flexibility as needed for outdoor sports. Pass/No Pass Option. Transfer: CSU/UC

30218 F 8:30AM - 11:40AM J Kerwin OFFCMP 1.00

NOTE: First class will be in PE 4, subsequent classes will meet off campus.

KINS 4.36  EVERYDAY FOOD & FITNESS
This course provides students with the opportunity to adopt a healthy, active lifestyle. The goals of the course are to educate students on the health risks associated with obesity, to promote an increase in students’ overall activity, to help students develop healthy body composition, to offer tools for students to modify health related behavior, and to improve their overall health and well being. Pass/No Pass Option. Transfer: CSU/UC/O

30208 H Davis ONLINE 1.00

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

KINESIOLOGY—COMBATIVE AND MARTIAL ARTS

KINS 6.01  MMA - MIXED MARTIAL ARTS
This course introduces students to the sport skills of mixed martial arts that combines both stand-up and grappling techniques. Students are given the opportunity to develop skills in punching, kicking and knee strikes. Students train with pads, striking bags and partners. Students are given the opportunity to develop grappling skills including clinch work, takedowns, submission, sweeps, and escapes. Pass/No Pass Option. Transfer: CSU/UC

32399 MW 10:55AM - 12:20PM Milani PE 11 1.00
30181 MW 12:30PM - 1:55PM M Gilani PE 11 1.00
30457 TTh 12:30PM - 1:55PM M Gilani PE 11 1.00
30207 TTh 2:05PM - 3:30PM M Gilani PE 11 1.00

KINS 6.02  KARATE-BEGINNING
This course provides students the opportunity to develop basic Karate skills and knowledge with a focus on kihon and kata. Beginning self-defense techniques and the Dojo Kun are presented. Pass/No Pass Option. Transfer: CSU/UC

30176 TTh 10:55AM - 12:20PM Milani PE 11 1.00

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
KINS 6.03 SELF-DEFENSE
This course introduces the skills and philosophies of self-defense. Methods and techniques for recognizing and avoiding dangerous situations are presented. Karate techniques are also emphasized. Students have an opportunity to learn a sense of awareness and practical self-protection techniques in relations to gender, body type, and strength. Pass/No Pass Option. Transfer: CSU/UC
30175 TTh 10:55AM - 12:20PM M Gilani PE 11 1.00

KINS 6.06 KARATE - INTERMEDIATE
Advisory: KINS 6.02. This course provides students the opportunity to develop greater proficiency in Karate skills and kime. History, origins, and techniques of Shotokan and Gichin Funakoshi are explored. Pass/No Pass Option. Transfer: CSU/UC
30174 TTh 10:55AM - 12:20PM M Gilani PE 11 1.00

KINS 6.07 KICKBOXING
This course introduces the skills used in competitive kickboxing. Training includes conditioning skills and drills for kicks, punches, blocks, and stances. Flexibility exercises are included. Sparring drills, bag work, timing, and focus training are emphasized. Pass/No Pass Option. Transfer: CSU/UC
32301 MW 10:55AM - 12:20PM M Gilani PE 11 1.00

KINS 6.08 BOXING
This course provides students the opportunity to gain cardio-respiratory fitness, strength, and flexibility through boxing techniques. Stances, punching, combinations, blocks, and sparring drills will be presented. The rules of sport boxing are introduced. Sport boxing training techniques are emphasized. Pass/No Pass Option. Transfer: CSU/UC
32301 MW 10:55AM - 12:20PM M Gilani PE 11 1.00

KINS 6.10 KARATE - ADVANCED
Advisory: Intermediate Karate. This course provides students the opportunity to develop advanced techniques of karate including punches, kicks, strikes, blocks, stances and combinations. Students are also given the opportunity to develop advanced self-defense and sparring skills. Pass/No Pass Option. Transfer: CSU/UC
30173 TTh 10:55AM - 12:20PM M Gilani PE 11 1.00

KINSIOLOGY—DANCE
see Dance

KINSIOLOGY—INDIVIDUAL SPORTS

KINS 7.02 BADMINTON-BEGINNING
This course introduces students to the fundamentals of badminton and the strategies of the game at a beginning level. Pass/No Pass Option. Transfer: CSU/UC
30172 MW 9:20AM - 10:45AM L Hickey PE 10 1.00

KINS 7.03 BADMINTON-INTERMEDIATE
Advisory: KINS 7.02. This course provides students the opportunity to master individual skills and strategies of badminton to include the clear stroke, doubles play and additional serving techniques. Pass/No Pass Option. Transfer: CSU/UC
30171 MW 9:20AM - 10:45AM L Hickey PE 10 1.00

KINS 7.10 GOLF-BEGINNING
This course provides students the opportunity to begin learning golf skills and knowledge needed to play golf. Pass/No Pass Option. Transfer: CSU/UC
30170 MW 10:55AM - 12:20PM G Silveira GOLF 1.00
31570 TTh 10:55AM - 12:20PM G Silveira GOLF 1.00

KINS 7.11 GOLF-INTERMEDIATE
This course is designed to help intermediate golfers develop more advanced skills in the game of golf. A greater emphasis is placed on the technical aspects of the swing. Pass/No Pass Option. Transfer: CSU/UC
30169 MW 10:55AM - 12:20PM G Silveira GOLF 1.00
31571 TTh 10:55AM - 12:20PM G Silveira GOLF 1.00

KINS 7.12 GOLF-ADVANCED
Advisory: KINS 7.11. This course provides students the opportunity to develop advanced golf techniques in a practical and realistic atmosphere. Lab sessions are presented at the golf course. Emphasis is on the social values of the game and an introduction to various scoring methods and types of tournament play. Pass/No Pass Option. Transfer: CSU/UC
30167 MW 10:55AM - 12:20PM G Silveira GOLF 1.00
31572 TTh 10:55AM - 12:20PM G Silveira GOLF 1.00

KINS 7.18 BEGINNING TENNIS
Advisory: KINS 7.19. This course introduces instruction on the basic fundamentals of tennis and provides students the opportunity to master ground strokes skills. Mastery of these skills will enable the student to progress to the next level of tennis. Pass/No Pass Option. Transfer: CSU/UC
30168 MW 9:20AM - 10:45AM G Silveira TENNIS 1.00
30144 MW 10:55AM - 12:20PM G Silveira TENNIS 1.00
31260 F 9:00AM - 12:10PM G Silveira TENNIS 1.00

KINS 7.20 INTERMEDIATE TENNIS
Advisory: KINS 7.19. Intermediate tennis is designed to provide students the opportunity for greater insight into the game with the addition of ball spin into ground stroke skills. Mastery of these skills will enable the student to progress to the next level of tennis. Transfer: CSU/UC
33304 MW 9:20AM - 10:45AM G Silveira TENNIS 1.00
30143 MW 10:55AM - 12:20PM G Silveira TENNIS 1.00
31261 F 9:00AM - 12:10PM G Silveira TENNIS 1.00

KINS 7.21 ADVANCED TENNIS
Advisory: KINS 7.20. This course provides students the opportunity to develop advanced tennis skills and strategies. The emphasis is on the use of power in serves and ground strokes. Pass/No Pass Option. Transfer: CSU/UC
30142 MW 10:55AM - 12:20PM G Silveira TENNIS 1.00

KINS 7.23 SCUBA DIVING
This course provides the opportunity for students to learn the knowledge and skills of SCUBA Diving. Satisfactory completion of this course can lead to international SCUBA certification. For the health and safety of the student, this course may include a health survey and/or a swim test. Students successfully completing Open Water training may qualify for dive certification. Transfer: CSU/UC
N 30139 W 6:30PM - 7:55PM S McEvoy PE 4 2.00 + LAB W 8:05PM - 9:30PM S McEvoy POOL
NOTE: First class meeting is an orientation in PE 4. Students must also enroll in KINS 12.20 section 31534.

KINS 7.24 SCUBA DIVING-ADVANCED
Advisory: Recommended internationally recognized certification as an open water SCUBA Diver. This course provides students the opportunity to improve their knowledge and skills of SCUBA and Marine Diving Technology. Satisfactory completion of this course can lead to international SCUBA certification in Advanced, Rescue and Nitrox. It is recommended that students have an internationally recognized certification as an open water SCUBA Diver prior to taking this course. Pass/No Pass Option. Transfer: CSU/UC
N 30140 W 6:30PM - 7:55PM S McEvoy PE 4 2.00 + LAB W 8:05PM - 9:30PM S McEvoy POOL
NOTE: First class meeting is an orientation in PE 4. Students must also enroll in KINS 12.22 section 31548.

KINS 7.26 STUDIO CYCLING
This course provides students with the opportunity to gain muscular strength and cardiovascular endurance through stationary cycling. Pass/No Pass Option. Transfer: CSU/UC
30134 MW 9:20AM - 10:45AM J Kerwin PE 17 1.00
KINESIOLOGY—TEAM SPORTS

KINS 8.04 BEGINNING BASKETBALL
This course is designed to teach the basic skills, techniques, rules, and strategies of basketball. Pass/No Pass Option. Transfer: CSU/UC
32691 MW 10:55AM - 12:20PM Yoshikawa PE 10 1.00
30439 TTh 10:55AM - 12:20PM Eitelgeorge PE 10 1.00

KINS 8.05 INTERMEDIATE BASKETBALL
This course introduces intermediate level basketball skills. Content includes strategies for team play, screening, spacing, and offensive movement. This course enhances the basic skills introduced at the beginning level. Pass/No Pass Option. Transfer: CSU/UC
32692 MW 10:55AM - 12:20PM Yoshikawa PE 10 1.00
30440 TTh 10:55AM - 12:20PM Eitelgeorge PE 10 1.00

KINS 8.06 ADVANCED BASKETBALL
This course introduces advanced techniques in basketball. Topics include defensive strategies for team and individual competition. Emphasis is on man to man and zone defense. Half court and full court techniques are also introduced. Pass/No Pass Option. Transfer: CSU/UC
32693 MW 10:55AM - 12:20PM Yoshikawa PE 10 1.00
30441 TTh 10:55AM - 12:20PM Eitelgeorge PE 10 1.00

KINS 8.08 SOCCER-BEGINNING
This course provides students the opportunity to learn basic skills, strategies, and techniques of soccer participation. This course emphasizes dribbling, kicking, and passing. Pass/No Pass Option. Transfer: CSU/UC
30117 TTh 9:20AM - 10:45AM J Kerwin NOTE: Emphasis Indoor Soccer

KINS 8.09 SOCCER-ADVANCED
This course introduces advanced skills in soccer and includes diving, heading, and free throw. This course is designed to develop individual skills which can be incorporated into a relatively high level of team participation. Pass/No Pass Option. Transfer: CSU/UC
31596 TTh 9:20AM - 10:45AM J Kerwin NOTE: Emphasis Indoor Soccer

KINS 8.10 SOCCER-INTERMEDIATE
This course provides students the opportunity to develop the skills, strategies, and athletic ability necessary for participation in soccer. This intermediate level of participation includes sports psychology techniques for optimal performance and team cohesion. Pass/No Pass Option. Transfer: CSU/UC
31984 MW 2:05PM - 3:30PM J Kerwin SOCCER 1.00
SECTION #31984 BEGINS 02/19/20 CLASS ENDS 05/19/20
NOTE: Emphasis Intercollegiate Women's Soccer Team. This is a LATE START course
30116 TTh 9:20AM - 10:45AM J Kerwin NOTE: Emphasis Indoor Soccer

KINS 8.15 VOLLEYBALL-BEGINNING SKILLS
This course provides students the opportunity to learn volleyball skills for passing, setting, serving, and hitting at the beginning level. Pass/No Pass Option. Transfer: CSU/UC
30114 TTh 12:30PM - 1:55PM A Zakarian PE 10 1.00

KINS 8.16 VOLLEYBALL-INTERMEDIATE SKILLS
This course is designed to further explore the game of volleyball and provide students the opportunity to perform intermediate volleyball skills for digging and blocking. Pass/No Pass Option. Transfer: CSU/UC
30113 TTh 12:30PM - 1:55PM A Zakarian PE 10 1.00

KINS 8.17 VOLLEYBALL-ADVANCED SKILLS
This course provides students the opportunity to further develop volleyball skills. An emphasis is placed on blocking fast hits, specialty serves, and offensive and defensive formations. Pass/No Pass Option. Transfer: CSU/UC
30112 TTh 12:30PM - 1:55PM A Zakarian PE 10 1.00

KINS 8.18 BEACH VOLLEYBALL
This course is designed to teach skills, strategies, and techniques of doubles sand volleyball. Topics include drills for passing, setting, serving, hitting, and blocking. All fitness levels are encouraged to enroll. Pass/No Pass Option. Transfer: CSU/UC
33202 MW 6:00AM - 7:25AM E Hardell PE 9 1.00
NOTE: Emphasis Women's Intercollegiate Team
30461 MW 12:30PM - 1:55PM R Wien BSFBLD 1.00
NOTE: Emphasis Baseball conditioning for athletes
31589 TTh 6:00AM - 7:25AM W Rodriguez PE 9 1.00
NOTE: Emphasis Conditioning for Men's Swim Team
31597 TTh 6:00AM - 7:25AM E Vargas PE 17 1.00
NOTE: Emphasis Conditioning Women's Swim Team
30108 TTh 4:15PM - 5:40PM D Wong Sanford 1.00
NOTE: Emphasis Women's Intercollegiate Track 
32807 TTh 12:30PM - 1:55PM V Piatt SFTBALL 1.00
NOTE: Emphasis Softball conditioning for athletes.

KINS 8.21 FUNDAMENTALS OF SPORT-BASED
This course emphasizes the development of the athletic skills and knowledge associated with sports. This course provides student athletes an opportunity to develop speed, agility, power, and strength as a means to prepare for future athletic competition. Pass/No Pass Option. Transfer: CSU/UC
30462 MW 12:30PM - 1:55PM R Wien BSFBLD 1.00
NOTE: Emphasis Baseball conditioning for athletes
31537 TTh 6:00AM - 7:25AM E Vargas PE 17 1.00
NOTE: Emphasis Conditioning Men's Swim Team
31098 TTh 4:15PM - 5:40PM W Rodriguez PE 9 1.00
NOTE: Emphasis Baseball conditioning for athletes
30110 TTh 12:30PM - 1:55PM R Wien BSFBLD 1.00
NOTE: Emphasis Baseball conditioning for athletes
32808 TTh 12:30PM - 1:55PM V Piatt SFTBALL 1.00
NOTE: Emphasis Softball conditioning for athletes.

KINS 8.22 FUNDAMENTALS OF SPORT-INTERMEDIATE
This course emphasizes all aspects of building a cohesive team environment including problem solving, risk taking, cooperation, leadership, and trust. This course introduces a student athlete to offensive and defensive aspects of sport competition. Pass/No Pass Option. Transfer: CSU/UC
33225 MW 3:40PM - 5:05PM J Silveira PE 9 1.00
NOTE: Emphasis Men's Soccer Defensive Skills. Completion of KINA 9.07 OR KINA 9.47 is recommended.
31540 TTh 6:00AM - 7:25AM W Rodriguez PE 9 1.00
NOTE: Emphasis Conditioning for Men's Swim Team
31538 TTh 6:00AM - 7:25AM E Vargas PE 17 1.00
NOTE: Emphasis Conditioning Women's Swim Team
30111 TTh 12:30PM - 1:55PM R Wien BSFBLD 1.00
NOTE: Emphasis Baseball conditioning for athletes
32809 TTh 12:30PM - 1:55PM V Piatt SFTBALL 1.00
NOTE: Emphasis Softball conditioning for athletes.
KIN 8.23 FUNDAMENTALS OF SPORT-ADVANCED
This course provides student athletes an opportunity to prepare for collegiate competition. Topics include pre-game meal planning, mental preparation, and offensive and defensive strategies. Students are exposed to concepts in sportsmanship, academic progress, and the rules and standards of the COA. Pass/No Pass Option. Transfer: CSU/UC

31599 MW 3:40PM - 5:05PM G Silveira SOCCER 1.00
NOTE: Emphasis Men's Soccer conditioning for athletes. Completion of KINA 9.07 OR KINA 9.47 is recommended.
31602 TTh 6:00AM - 7:25AM W Rodriguez PE 9 1.00
NOTE: Emphasis Conditioning for Men's Swim Team
31601 TTh 6:00AM - 7:25AM E Vargas PE 17 1.00
NOTE: Emphasis Conditioning Women's Swim Team
30439 TTh 4:15PM - 5:40PM D Wong SANDCT 1.00
NOTE: Emphasis Women's Intercollegiate Beach Volleyball Team
31677 TTh 12:30PM - 1:55PM R Wiens BSFBFLD 1.00
NOTE: Emphasis Baseball conditioning for athletes

KINESIOLOGY—INTERCOLLEGIATE

KINA 0.01 INTERCOLLEGIATE BASEBALL—MEN
Advisory: KINS 8.03. This course provides intercollegiate baseball competition. Students are given the opportunity to develop a high degree of baseball skills and demonstrate these skills in game situations. Students are also given the opportunity to develop an increased level of fitness that will allow them to compete at the intercollegiate level. Pass/No Pass Option. Transfer: CSU/UC

30096 MTThF 2:05PM - 4:05PM D Woodward BSFBFLD 3.00
NOTE: Emphasis on Intercollegiate Men's Baseball team - Defense. Health screening by M.D. required before participation in this class. Contact instructor for further information.

30097 MTThF 2:05PM - 4:05PM R Wiens BSFBFLD 3.00
NOTE: Emphasis on Intercollegiate Men's Baseball team - Offense. Health screening by M.D. required before participation in this class. Contact instructor for further information.

KINA 0.03 INTERCOLLEGIATE MEN’S BASKETBALL—POST-SE
This course provides student athletes the opportunity to compete in men's basketball conference play and playoffs during spring semester. Topics include a focus on competitive skills needed for championship games and fitness components for a successful career in athletics. Prior basketball play at the high school or club level is recommended. Pass/No Pass Option. Transfer: CSU/UC

30095 MTThF 3:40PM - 5:40PM D Yoshikawa PE 10 1.50
SECTION #30095 BEGINS 01/25/20 CLASS ENDS 03/20/20
NOTE: Emphasis on Intercollegiate Men's Basketball team. Health screening by M.D. required before participation in this class. Contact instructor for further information.

KINA 0.04 INTERCOLLEGIATE TENNIS—WOMEN
This course is designed for intercollegiate women's tennis competition. Students are given the opportunity to develop tennis skills and demonstrate these skills in a match situation. These skills include groundstrokes, volleys, and offensive and defensive techniques. Students are also given the opportunity to develop an increased level of cardiovascular fitness, speed, agility, and flexibility. Pass/No Pass Option. Transfer: CSU/UC

32075 MW 7:00AM - 9:00AM L Hickey TENNIS 3.00
+ LAB TThF 12:30PM - 2:30PM L Hickey TENNIS

KINA 0.09 INTERCOLLEGIATE SOFTBALL—WOMEN
This course provides intercollegiate softball competition. Students are given the opportunity to develop a high degree of softball skills and demonstrate these skills in game situations. Students are also given the opportunity to develop an increased level of fitness that will allow them to compete at the intercollegiate level. Pass/No Pass Option. Transfer: CSU/UC

32806 MTWThF 2:05PM - 4:05PM V Platt SFTBALL 3.00
NOTE: Emphasis Intercollegiate Softball Team. Health screening by M.D. required before participation in this class. Contact instructor for further information.

KINA 0.10 INTERCOLLEGIATE SWIMMING—MEN
Advisory: KINS 2.06 or interscholastic H.S. or club participation. This course provides intercollegiate swimming competition. Students are given the opportunity to develop a high degree of competitive swimming skills and the opportunity to demonstrate these skills during intercollegiate competition. Students are also given the opportunity to develop a level of fitness that will allow them to compete at the intercollegiate level. Pass/No Pass Option. Transfer: CSU/UC

30093 MTWThF 2:05PM - 4:05PM W Rodriguez POOL 3.00
NOTE: Emphasis on Intercollegiate Men's Swim team. Health screening by M.D. required before participation in this class. Contact instructor for further information.

KINA 0.11 INTERCOLLEGIATE SWIMMING—WOMEN
Advisory: KINS 2.06 or interscholastic H.S. or club participation. This course provides intercollegiate swimming competition. Students are given the opportunity to develop a high degree of competitive swimming skills and the opportunity to demonstrate these skills during intercollegiate competition. Students are also given the opportunity to develop a level of fitness that will allow them to compete at the intercollegiate level. Pass/No Pass Option. Transfer: CSU/UC

30092 MTWThF 2:05PM - 4:05PM E Vargas POOL 3.00
NOTE: Emphasis on Intercollegiate Women's Swim team. Health screening by M.D. required before participation in this class. Contact instructor for further information.

KINA 0.16 INTERCOLLEGIATE BEACH VOLLEYBALL—WOMEN
This course provides student athletes an opportunity to compete in beach volleyball. The skills and techniques needed for intercollegiate athletic performance are emphasized. Rules, etiquette, and COA standards are also discussed. Pass/No Pass Option. Transfer: CSU/UC

30091 MTWThF 2:05PM - 4:05PM A Zakarian SANDC 3.00
NOTE: Emphasis on Women's Beach Volleyball Intercollegiate team. Health screening by M.D. required before participation in this class. Contact instructor for further information.

KINA 0.55 ATHLETIC MEN’S WATER POLO—SKILLS AND TECHNIQUES
The course provides the opportunity for students to develop advanced intercollegiate water polo skills and techniques. This course provides instruction in water polo specific rules, techniques, equipment and facilities management, etiquette and safety. In addition, students are given the opportunity to apply nutrition, strength training, flexibility, and proper swimming mechanics to improve their skill level. Pass/No Pass Option. Transfer: CSU/UC

30088 MW 12:30PM - 1:55PM W Rodriguez POOL 1.00
NOTE: Emphasis on Men's Water Polo Intercollegiate team. Health screening by M.D. required before participation in this class. Contact instructor for further information.

KINA 0.56 ATHLETIC WOMEN’S WATER POLO—SKILLS AND TECHNIQUES
The course provides the opportunity for students to develop advanced intercollegiate water polo skills and techniques. This course provides instruction in water polo specific rules, techniques, equipment and facilities management, etiquette and safety. In addition, students are given the opportunity to apply nutrition, strength training, flexibility and proper swimming mechanics to improve their skill level. Pass/No Pass Option. Transfer: CSU/UC

30087 TTh 12:30PM - 1:55PM E Vargas POOL 1.00
NOTE: Emphasis on Women's Water Polo Intercollegiate team. Health screening by M.D. required before participation in this class. Contact instructor for further information.

- PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
- Courses used to meet prerequisite requirements must have been completed with a grade of "C" or better.
- ADVISORY is a recommended preparation, not a REQUIREMENT.
- IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
KINA 9.60  POST SEASON CONDITIONING
This course offers student athletes the opportunity to train or recover from injuries in their sport during the off-season. Pass/No Pass Option. Transfer: CSU/UC

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<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
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<tr>
<td>30599</td>
<td>MTTh</td>
<td>3:40PM - 5:15PM</td>
<td>D Yoshikawa</td>
<td>PE 10 1.00</td>
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<td>This is a LATE start course. Emphasis Basketball Intercollegiate team.</td>
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<td>30089</td>
<td>MW</td>
<td>2:05PM - 3:55PM</td>
<td>J Kerwin</td>
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<td>This is a LATE START course.</td>
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<td>30701</td>
<td>TTh</td>
<td>2:05PM - 3:30PM</td>
<td>J Silveira</td>
<td>SOCCER 1.00</td>
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</table>

NOTE: Emphasis Men's Soccer Intercollegiate team - Defensive Skills

KINESIOLOGY—BODY/MIND/WELLNESS

KINS 11.01  YOGA FOR HEALTH
The practice and study of Yoga helps to bring about a natural balance of body and mind. This course emphasizes the physical practice of yoga exercises. This course provides students the opportunity for gentle muscle stretching and increased range of motion around the joints. This course includes breathing and relaxation techniques leading to total relaxation and the harmony of mind and body. Pass/No Pass Option. Transfer: CSU/UC

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<tr>
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<td>M Smith</td>
<td>PE 8 1.00</td>
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<td>30280</td>
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<td>30274</td>
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<td>A Robinson</td>
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<td>31896</td>
<td>F</td>
<td>9:00AM - 12:10PM</td>
<td>S Maskik</td>
<td>PE 7 1.00</td>
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KINS 11.02  INTERMEDIATE YOGA
Some basic yoga practice is recommended before taking this class. This course provides students the opportunity to practice intermediate yoga postures including neutral spine, standing poses, forward bends, twists, inversions, and extensions. This class includes relaxation and breathing techniques. Intermediate yoga moves deeper into the spirit of Hatha yoga and explores how the virtues of yogic Philosophy can be integrated into the physical practice. Pass/No Pass Option. Transfer: CSU/UC

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<th>Days</th>
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<th>Instructor</th>
<th>Notes</th>
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<td>A Robinson</td>
<td>PE 7 1.00</td>
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<tr>
<td>30271</td>
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<td>J Kerwin</td>
<td>PE 7 1.00</td>
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<tr>
<td>32327</td>
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<td>12:30PM - 1:55PM</td>
<td>J Segal</td>
<td>PE 7 1.00</td>
</tr>
<tr>
<td>30278</td>
<td>TTh</td>
<td>2:05PM - 3:30PM</td>
<td>J Segal</td>
<td>PE 7 1.00</td>
</tr>
<tr>
<td>31896</td>
<td>F</td>
<td>9:00AM - 12:10PM</td>
<td>S Maskik</td>
<td>PE 7 1.00</td>
</tr>
</tbody>
</table>

KINS 11.03  GENTLE RESTORATIVE EXERCISE
This course introduces students to modified Yoga for healing and preventing injuries. The exercises provide gentle static muscle stretching for increased flexibility and range of motion. Yoga postures for strengthening weak muscles are included along with breathing and relaxation techniques for stress reduction. Pass/No Pass Option. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>31258</td>
<td>MW</td>
<td>9:20AM - 10:45AM</td>
<td>M Smith</td>
<td>PE 8 1.00</td>
</tr>
<tr>
<td>30282</td>
<td>MW</td>
<td>12:30PM - 1:55PM</td>
<td>J Kerwin</td>
<td>PE 7 1.00</td>
</tr>
<tr>
<td>30272</td>
<td>TTh</td>
<td>7:45AM - 9:10AM</td>
<td>J Kerwin</td>
<td>PE 7 1.00</td>
</tr>
<tr>
<td>30279</td>
<td>TTh</td>
<td>2:05PM - 3:30PM</td>
<td>J Segal</td>
<td>PE 7 1.00</td>
</tr>
<tr>
<td>31987</td>
<td>F</td>
<td>9:00AM - 12:10PM</td>
<td>S Maskik</td>
<td>PE 7 1.00</td>
</tr>
</tbody>
</table>

KINS 11.04  ADVANCED YOGA
This course provides students with the opportunity to gain muscular strength, endurance, and improved balance. The exercises are designed to improve posture, body alignment, core strength and flexibility. Benefits include balance, body awareness, mental focus and relaxation. The static series of Yoga postures are performed in a warm environment to relax the muscles, increase blood circulation, and strengthen the heart. Pass/No Pass Option. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>30276</td>
<td>MW</td>
<td>2:05PM - 3:30PM</td>
<td>A Robinson</td>
<td>PE 7 1.00</td>
</tr>
<tr>
<td>30273</td>
<td>TTh</td>
<td>7:45AM - 9:10AM</td>
<td>J Kerwin</td>
<td>PE 7 1.00</td>
</tr>
<tr>
<td>30265</td>
<td>TTh</td>
<td>2:05PM - 3:30PM</td>
<td>J Segal</td>
<td>PE 7 1.00</td>
</tr>
</tbody>
</table>

KINS 11.07  PILATES CADILLAC, CHAIR AND BARRELS INSTRUCTOR TRAINING
This course introduces students to a variety of Pilates exercise techniques on the Cadillac, Stability Chair, Arc Barrel, and Ladder Barrel. Topics include the history, methods, principles, and techniques involved in the original and contemporary exercise sequence on the Cadillac, Stability Chair, Arc Barrel, and Ladder Barrel. Pass/No Pass Option. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>32694</td>
<td>MW</td>
<td>10:55AM - 12:20PM</td>
<td>Davis</td>
<td>PE 8 2.00</td>
</tr>
</tbody>
</table>

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

KINS 11.09  INTERMEDIATE PILATES MAT WORKOUT
This course provides students with the opportunity to gain core strength and endurance. Flex bands, foam rollers, and fitness circles are added to the exercises to improve posture, body alignment, and flexibility. Benefits include strength, balance, body awareness, and relaxation. Pass/No Pass Option. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>30287</td>
<td>MW</td>
<td>12:30PM - 1:55PM</td>
<td>V Piatt</td>
<td>PE 8 1.00</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>31674</td>
<td>MW</td>
<td>12:30PM - 1:55PM</td>
<td>V Piatt</td>
<td>PE 8 1.00</td>
</tr>
</tbody>
</table>

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

KINESIOLOGY—MARINE DIVING EDUCATION

KINS 12.20  OPEN WATER DIVER
Corequisite: Students must concurrently enroll in KINS 7.23 or provide instructor documentation of equivalency. This course provides the opportunity for students to learn the knowledge and skills to SCUBA dive in open water. Upon successful completion of this course, students will qualify for a Open Water Diver SCUBA certification. Pass Only. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>31534</td>
<td>N</td>
<td>ONLINE 1.50</td>
<td>Powell</td>
<td></td>
</tr>
<tr>
<td>+ LAB S</td>
<td></td>
<td>8:30AM - 3:00PM</td>
<td>Powell</td>
<td></td>
</tr>
<tr>
<td>OFFCMP</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Mandatory fee for required materials necessary to achieve course objectives provided at cost, $35. Section 31534 meets online 1/25/20 - 5/22/20 using Canvas (https://web.wvm.edu/canvas - link to Canvas from the top of the WVC homepage) and meets off campus for lab work on 3/21, 4/18, 4/25, and 5/2. Off campus dates may change based on environmental conditions. Students must also be enrolled in KINS 7.23 section 30139 Scuba Diving. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
KINS 12.22  ADVANCED MARINE DIVER
Corequisite: Students must concurrently enroll in KINS 7.24 or provided instructor documentation of equivalency. This course provides the opportunity for students to learn the knowledge and skills of advanced diving in open water. Upon successful completion of this course, students will qualify for Advanced Open Water Diver certification. Pass Only. Transfer: CSU/UC

H 31548  N Powell  ONLINE  1.50
+ LAB  S 8:30AM - 3:00PM  N Powell  OFFCAMP
NOTE: Mandatory fee for required for materials necessary to achieve course objectives provided at cost, $36. Section 31548 meets online 1/25/20 - 5/22/20 using Canvas (https://web.wvm.edu/Canvas) and meets off campus for lab work on 1/21, 4/18, 4/25, and 5/2. Off campus dates may change based on environmental conditions. Students must also be enrolled in KINS 7.24 section 30140 Scuba Diving-Adv. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

KINESIOLOGY—THEORY

KINT 030  INTRODUCTION TO KINESIOLOGY
Course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professionals. Pass/No Pass Option. Transfer: CSU/UC

H 30086  TTh 9:20AM - 10:45AM  R Wiens  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/Canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

KINT 032  INTRODUCTION TO COACHING SPORT
Coaching Sports focuses on the components and characteristics of coaches and sport programs. Students have an opportunity to examine and develop coaching techniques, styles and philosophies pertaining to the planning, management and competition in sports. Pass/No Pass Option. Transfer: CSU/UC

O 30289  S Eitelgeorge  ONLINE  3.00
NOTE: This class meets ONLINE using Canvas (https://web.wvm.edu/Canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

KINT 044  LIFETIME FITNESS
This course provides the student with an opportunity to understand and apply the development, maintenance, and assessment of cardiovascular endurance, strength, and flexibility. Course content includes: theories of fitness, lifestyle changes, nutrition, weight management, and the development of an exercise program that may lead to a healthier lifestyle. Students are given the opportunity to participate in lab activities consisting of a variety of fitness tests and measurements. Pass/No Pass Option. Transfer: CSU/UC

O 31639  D Rudy  ONLINE  3.00
SECTION #31639 BEGINS 02/24/20 CLASS ENDS 05/17/20
NOTE: This is a LATE start course. This class meets ONLINE using Canvas (https://web.wvm.edu/Canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

KINT 070  PRINCIPLES OF EXERCISE PRESCRIPTION AND PROGRAM DESIGN
Advisory: KINT 042. This course provides students the opportunity for understanding the essentials of personal training as a profession. Topics include human anatomy and physiology, exercise science, program design, fitness assessments, and health screenings. Personal training as a career and business ownership are also discussed. Pass/No Pass Option. Transfer: CSU/UC

O 31567  TTh 10:55AM - 12:20PM  Starks  PE  4  3.00

LIBRARY SKILLS

LIBR 004  INFORMATION COMPETENCY
This course provides students with the opportunity to develop and strengthen research skills and to learn the core concepts of information retrieval. Students are introduced to the essential techniques for finding, evaluating, and analyzing information. The class covers the use of electronic resources, how to create research strategies to retrieve relevant information, how to critically evaluate information, and how to use the Internet as a research tool. Pass/No Pass Option. Transfer: CSU/UC

O 30809  MW 12:30PM - 1:55PM  J Colon  FOX  104  1.00
SECTION #30809 BEGINS 03/09/20 CLASS ENDS 04/15/20
O 30811  R Sandoval  ONLINE  1.00
SECTION #30811 BEGINS 03/04/20 CLASS ENDS 04/13/20
O 30810  R Sandoval  ONLINE  1.00
SECTION #30810 BEGINS 01/27/20 CLASS ENDS 03/04/20
O 30812  J Colon  ONLINE  1.00
SECTION #30812 BEGINS 04/06/20 CLASS ENDS 05/13/20

- PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
- Courses used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.
- ADVISORY is a recommended preparation, not a REQUIREMENT.
- IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
**MATH PROGRESSION CHART**

### NONCREDIT

<table>
<thead>
<tr>
<th>NCMA 101</th>
<th>NCMA 102</th>
<th>NCMA 103</th>
<th>NCMA 104</th>
<th>NCMA 105</th>
<th>NCMA 106</th>
<th>NCMA 107</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Number</td>
<td>Fractions</td>
<td>Decimals &amp; Ratios</td>
<td>Percents &amp; Signed Numbers</td>
<td>Geometry &amp; Unit Analysis</td>
<td>Pre-Algebra (Part I)</td>
<td>Pre-Algebra (Part II)</td>
</tr>
</tbody>
</table>

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

### PRE-TRANSFER

<table>
<thead>
<tr>
<th>105</th>
<th>903 / 903R</th>
<th>106 / 106R</th>
<th>104 / 104R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-stat</td>
<td>Elementary Algebra (Equivalent to DESP LRSV 945)</td>
<td>Intermediate Algebra Equivalent to Algebra 2</td>
<td>Geometry</td>
</tr>
</tbody>
</table>

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

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

### NON-STEM* Majors

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

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

### Business Majors

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

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

### STEM* Majors

- 1 C Pre-Calculus
- 1C Optional Co-req
- 3A Calculus I
- 3B Calculus II
- 4A Intermediate Calculus
- 4B Differential Equations
- 4C Linear Algebra

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

*STEM – disciplines of science, technology, psychology, kinesiology, engineering, and mathematics.
MATH 000D  TRigonometry
Prerequisites: MATH 104 or MATH 104R, and MATH 106 or MATH 106R. This course covers trigonometric functions including applications to right triangles, circular functions, radian measure, graphs, trigonometric identities, inverse trigonometric functions, vectors & complex numbers. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>30631</td>
<td>MW</td>
<td>7:45AM - 9:00AM</td>
<td>J Du</td>
<td>CIL 136 3.00  Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
<tr>
<td>30632</td>
<td>MW</td>
<td>12:30PM - 1:55PM</td>
<td>L Ma</td>
<td>SM 11 3.00  Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
<tr>
<td>32397</td>
<td>TTh</td>
<td>10:55AM - 12:20PM</td>
<td>Nadkami</td>
<td>SM 13 3.00  This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
</tbody>
</table>

N 32401  T  6:00PM - 9:10PM  Staff  SM 12 3.00  Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

MATH 000G  Mathematics for the Liberal Arts Student
Prerequisite: MATH 106 or MATH 106R. This course introduces students to creative mathematical thinking. Topics include logic, geometry, applications of exponential and logarithmic functions, and the mathematics of probability and statistics. It is intended to provide a survey of current mathematical techniques for the non-specialist. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>30633</td>
<td>TTh</td>
<td>12:30PM - 2:35PM</td>
<td>Meng</td>
<td>CIL 137 4.00  This course requires the purchase and use of an online homework system. No physical textbook required.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>30634</td>
<td>MW</td>
<td>8:00AM - 10:05AM</td>
<td>Staff</td>
<td>SM 13 4.00  This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
<tr>
<td>32402</td>
<td>MW</td>
<td>8:00AM - 10:05AM</td>
<td>Jackanich</td>
<td>CIL 135 4.00  This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
<tr>
<td>30635</td>
<td>MW</td>
<td>10:15AM - 12:20PM</td>
<td>Ehlers</td>
<td>SM 13 4.00  This section is for FYE students. Others may enroll if space is available. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
<tr>
<td>30636</td>
<td>MW</td>
<td>12:30PM - 2:35PM</td>
<td>Warecki</td>
<td>SM 13 4.00  Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
</tbody>
</table>

N 32405  TTh  8:30AM - 10:35AM  H Sun  SM 35 4.00  This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED. |

MATH 001C  Just-In-Time Support for Pre-Calculus Algebra
Corequisite: 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 on 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 Only.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>32406</td>
<td>MW</td>
<td>10:55AM - 11:50AM</td>
<td>Du</td>
<td>SM 12 2.00  Students must be concurrently enrolled in Math 1, Section 32404, which meets MW 10:55-1:00pm.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>30638</td>
<td>MTWTh</td>
<td>7:45AM - 9:10AM</td>
<td>Q Lamha</td>
<td>CIL 137 6.00  Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
<tr>
<td>30639</td>
<td>MTWTh</td>
<td>10:55AM - 12:20PM</td>
<td>Weiss</td>
<td>SM 7 6.00  This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
</tbody>
</table>

N 30640  TTh  6:00PM - 9:10PM  Mihnea  SM 11 6.00  This course requires the purchase and use of an online homework system. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED. |

MATH 003A  Calculus and Analytical Geometry
Prerequisites: MATH 001 AND MATH 000D or MATH 002. This is a first course in differential and integral calculus of a single variable: functions, limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. It is designed primarily for Science, Technology, Engineering & Math Majors. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>30641</td>
<td>MTWTh</td>
<td>8:00AM - 9:10AM</td>
<td>Aleu</td>
<td>SM 12 5.00  Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
<tr>
<td>30642</td>
<td>MTWTh</td>
<td>9:20AM - 10:30AM</td>
<td>G Allen</td>
<td>SM 7 5.00  For textbook information, email the instructor at <a href="mailto:greg.allen@westvalley.edu">greg.allen@westvalley.edu</a>. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
<tr>
<td>30643</td>
<td>MTWTh</td>
<td>10:55AM - 12:20PM</td>
<td>Jackanich</td>
<td>CIL 135 5.00  This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
<tr>
<td>30644</td>
<td>MTWTh</td>
<td>12:30PM - 1:40PM</td>
<td>Butcher</td>
<td>SM 8 5.00  This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.</td>
</tr>
</tbody>
</table>

N 32410  MTWTh  12:30PM - 1:40PM  A Butcher  SM 7 5.00  Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED. |

N 32411  MTWTh  2:30PM - 3:15PM  B Weiss  SM 7 5.00  This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED. |

N 32408  TTh  8:00AM - 10:30AM  K Jackanich  CIL 135 5.00  This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED. |

• PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
• Coursed used to meet prerequisite requirements must have been completed with a grade of "C" or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
### MATH 003B  CALCULUS AND ANALYTICAL GEOMETRY
Prerequisite: MATH 003A. This is a second course in differential and integral calculus of a single variable: integration, techniques of integration, infinite sequences and series, polar and parametric equations, and applications of integration. This course is primarily for science, technology, engineering & math majors. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Day</th>
<th>Time</th>
<th>Instructor</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>30646</td>
<td>MTW</td>
<td>8:00AM - 9:10AM</td>
<td>G Allen</td>
<td>SM 7 5.00</td>
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<tr>
<td>30647</td>
<td>MTW</td>
<td>9:20AM - 10:30AM</td>
<td>A Vu</td>
<td>SM 6 5.00</td>
</tr>
<tr>
<td>32412</td>
<td>MTW</td>
<td>10:55AM - 12:05PM</td>
<td>W Breder</td>
<td>CIL 137 5.00</td>
</tr>
</tbody>
</table>

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

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<tr>
<td>30650</td>
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<tr>
<td>30651</td>
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<td>6:00PM - 8:00PM</td>
<td>R Warecki</td>
<td>SM 7 5.00</td>
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</tbody>
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### MATH 004B  DIFFERENTIAL EQUATIONS
Prerequisite: MATH 003B. Advisory: MATH 004A and MATH 004C. The course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. It introduces the theoretical aspects of differential equations, including existence, uniqueness of solution(s), and techniques for obtaining solutions, including series solutions, singular points, Laplace transforms and linear systems. Transfer: CSU/UC

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<td>30652</td>
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<td>M Vaughn</td>
<td>SM 10 4.00</td>
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<tr>
<td>31684</td>
<td>TTh</td>
<td>3:00PM - 5:35PM</td>
<td>H Meng</td>
<td>SM 7 4.00</td>
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### MATH 004C  LINEAR ALGEBRA
Prerequisite: MATH 003B. Advisory: MATH 004A. 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. Transfer: CSU/UC

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<tr>
<td>32414</td>
<td>MTTh</td>
<td>3:35PM - 4:50PM</td>
<td>S Blasberg</td>
<td>LYN 403 4.00</td>
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<tr>
<td>32413</td>
<td>TTh</td>
<td>8:00AM - 10:05AM</td>
<td>L Plunkett</td>
<td>SM 10 4.00</td>
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### MATH 010  ELEMENTARY STATISTICS
Prerequisite: MATH 106 or 106R or MATH 105. This course covers the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance; chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications discussed use data from disciplines including business, social sciences, psychology, life science, health science, and education. Transfer: CSU/UC

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<tr>
<td>30668</td>
<td>KPhm</td>
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### MATH 106/106R/105  INTERMEDIATE CALCULUS
Prerequisite: MATH 003B. Advisory: MATH 004A and MATH 004C. This course covers sequences and series, polar and parametric equations, and applications of integration. This course is primarily for science, technology, engineering & math majors. Transfer: CSU/UC

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### MATH 10C  ELEMENTARY STATISTICS
Prerequisite: MATH 106 or 106R or MATH 105. This course covers the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance; chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications discussed use data from disciplines including business, social sciences, psychology, life science, health science, and education. Transfer: CSU/UC

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<td>30653</td>
<td>MW</td>
<td>6:00PM - 8:05PM</td>
<td>Nguyen</td>
<td>SM 6 4.00</td>
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### MATH 115  ADVANCED TOPICS IN MATHEMATICS
Prerequisite: MATH 106 or 106R or MATH 105. This course covers the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance; chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications discussed use data from disciplines including business, social sciences, psychology, life science, health science, and education. Transfer: CSU/UC

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<td>32428</td>
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### MATH 123  MODERN CALCULUS
Prerequisite: MATH 115. This course covers sequences and series, polar and parametric equations, and applications of integration. This course is primarily for science, technology, engineering & math majors. Transfer: CSU/UC

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<tr>
<td>30654</td>
<td>MW</td>
<td>8:00AM - 10:05AM</td>
<td>Pham</td>
<td>SM 10 4.00</td>
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### MATH 133  ADVANCED TOPICS IN MATHEMATICS
Prerequisite: MATH 106 or 106R or MATH 105. This course covers the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance; chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications discussed use data from disciplines including business, social sciences, psychology, life science, health science, and education. Transfer: CSU/UC

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<tr>
<td>30656</td>
<td>MW</td>
<td>6:00PM - 8:05PM</td>
<td>Nguyen</td>
<td>SM 6 4.00</td>
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</table>

### MATH 137  ADVANCED TOPICS IN MATHEMATICS
Prerequisite: MATH 115. This course covers sequences and series, polar and parametric equations, and applications of integration. This course is primarily for science, technology, engineering & math majors. Transfer: CSU/UC

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<th>Course Code</th>
<th>Day</th>
<th>Time</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>30658</td>
<td>N</td>
<td>6:00PM - 8:30PM</td>
<td>Staff</td>
<td>SM 11 5.00</td>
</tr>
</tbody>
</table>

### MATH 151  ADVANCED TOPICS IN MATHEMATICS
Prerequisite: MATH 115. This course covers sequences and series, polar and parametric equations, and applications of integration. This course is primarily for science, technology, engineering & math majors. Transfer: CSU/UC

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<th>Instructor</th>
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<tr>
<td>30660</td>
<td>N</td>
<td>6:00PM - 8:30PM</td>
<td>Staff</td>
<td>SM 11 5.00</td>
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</table>

### MATH 175  ADVANCED TOPICS IN MATHEMATICS
Prerequisite: MATH 115. This course covers sequences and series, polar and parametric equations, and applications of integration. This course is primarily for science, technology, engineering & math majors. Transfer: CSU/UC

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<th>Department</th>
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<tr>
<td>30662</td>
<td>N</td>
<td>6:00PM - 8:30PM</td>
<td>Staff</td>
<td>SM 11 5.00</td>
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Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also require a math course prior to enrollment. See individual course descriptions for math recommendations.
CLASS INFORMATION — Spring 2020

H 30657 MW 10:15AM - 12:20PM Q Lam Ha SM 10 4.00 NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

31685 MWF 10:55AM - 12:10PM A Butcher SM 8 4.00 NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

30660 MW 10:55AM - 1:00PM L Plunkett SM 9 4.00 NOTE: This section is for FYE students. Others may enroll if space is available. This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

30664 MW 12:30PM - 2:35PM S Wu CIL 136 4.00 NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

30666 MW 12:30PM - 2:35PM C Wittchorik SM 137 4.00 NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

30662 MW 12:30PM - 2:35PM C Hoffman SM 133 4.00 NOTE: This course requires the purchase and use of an online homework system. No physical textbook required. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

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

MATH 014 MATH FOR ELEMENTARY SCHOOL TEACHERS
Prerequisite: MATH 108 or 108R. 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. Transfer: CSU/UC

MATH 019 DISCRETE MATHEMATICS
Prerequisite: MATH 001 or MATH 002. Advisory: MATH 003A. The course covers discrete mathematics appropriate for computer applications. Topics are drawn from graphs and sets, trees, logic, mathematical induction, functions and relations, recursion, sequences and series, matrices, combinatorics, probability theory and Boolean algebra. Transfer: CSU/UC

MATH 104 PLANE GEOMETRY
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, perpendicularity, lengths, areas and volumes.

MATH 105 PRE-STATISTICS
Advisory: LRSV 945 or MATH 903 or MATH 903R. 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 10H, Elementary Statistics, and who do not need any other math course for their major.

MATH 106 INTERMEDIATE ALGEBRA
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, radical, exponential, composite, inverse, and logarithmic functions are developed. Additional topics include systems of equations and inequalities, complex numbers, and conic sections.
MATH 106R \textbf{INTERMEDIATE ALGEBRA}\nPrerequisite: MATH 903 or MATH 903R or LRSV 945. This accelerated course reviews topics from elementary algebra and also covers functions, including logarithmic and exponential, and complex numbers. This course is designed for students who have had previous instruction in intermediate algebra.\n32437 MW 10:55AM - 12:20PML Ma SM 11 3.00
N 30691 W 6:00PM - 9:10PM M Gilchrist SM 13 3.00
NOTE: This course requires the purchase and use of an online homework system. No physical textbook required.

MATH 903 \textbf{ELEMENTARY ALGEBRA}\nThe 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.
31694 MTWTh 9:20AM - 10:30AM W Breder SM 11 5.00
31701 MTWTh 12:30PM - 1:40PM G Aleu CIL 135 5.00

MATH 903R \textbf{ELEMENTARY ALGEBRA REVIEW}\nThis 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.
N 31704 T 6:00PM - 9:10PM P Mani SM 13 3.00

NCMA 010C \textbf{MATHEMATICAL SUPPORT FOR ELEMENTARY STATISTICS}\nCorequisite: MATH 010. This course is intended for students who desire additional support in Math 10, Elementary Statistics. The course provides students with essential support for mathematical topics needed to be successful in statistics. It is only for students who are concurrently enrolled in Elementary Statistics, at West Valley College. Topics include concepts from arithmetic, algebra, and basic statistics that are needed to understand the content of a college-level statistics course. Topics are taught through the context of data analysis.
32507 T 7:55AM - 9:10AM S Wong CIL 136 0.00
SECTION #32607 BEGINS 02/18/20 CLASS ENDS 05/12/20
32508 W 1:15PM - 2:30PM S Wong FOX 103 0.00
SECTION #32608 BEGINS 02/19/20 CLASS ENDS 05/13/20

NCMA 106 \textbf{ESSENTIAL MATH FOR BASIC SKILLS STUDENTS - PRE-ALGEBRA PART 1}\nThis course is the sixth course of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. The class topics include an overview of signed number operations, development of the concept of a variable, properties of algebraic expressions, and an introduction to linear equations.
32603 MW 10:55AM - 12:20PMD Graham CIL 136 0.00
SECTION #32603 BEGINS 03/04/20 CLASS ENDS 04/13/20

NCMA 107 \textbf{ESSENTIAL MATH FOR BASIC SKILLS STUDENTS - PRE-ALGEBRA PART 2}\nThis course is the seventh course of a sequence of essential mathematics courses designed for students who wish to prepare for college credit courses and/or employment where mathematical skills are required. Students have the opportunity to learn how to solve linear equations with fractions and decimals, study equations in two variables, graphing, and properties of exponents and polynomials. After successful completion of this course, the student will have the necessary skills to enter elementary algebra.
32604 MW 10:55AM - 12:20PMD Graham CIL 136 0.00
SECTION #32604 BEGINS 04/15/20 CLASS ENDS 05/18/20

MUSIC \textbf{MUSIC HISTORY: MEDIEVAL, RENAISSANCE AND BAROQUE PERIODS}\nThis course is a survey of music history and literature from antiquity to 1750, including cultural, intellectual and social influences, and provides an in-depth examination of the development of Western European music through analysis and synthesis of historical details and stylistic elements of the musical trends of the era. Pass/No Pass Option. Transfer: CSU/UC
O 31566 R Cornejo ONLINE 3.00
SECTION #31566 BEGINS 01/25/20 CLASS ENDS 02/20/20
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 10:25AM - 11:50AM.

MUSIC \textbf{MUSIC HISTORY: CLASSICAL, ROMANTIC AND CONTEMPORARY PERIODS}\nThis course is a survey of music history and literature from 1750 to the present, including cultural, intellectual and social influences. This course provides an in-depth examination of the development of Western European music through analysis and synthesis of historical details and stylistic elements of the musical trends of the era. Pass/No Pass Option. Transfer: CSU/UC
O 31562 R Cornejo ONLINE 3.00
SECTION #31562 BEGINS 03/23/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START COURSE. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

MUSIC \textbf{MUSIC THEORY LEVEL 2}\nA course for music majors/minors in the technical aspects of music: scales, intervals, triads and their inversions, harmonization of melodies and basses, sight singing with syllables and numbers, rhythm, and beginning analysis; melodic, harmonic, and rhythmic dictation (ear training); harmonization, using principles and secondary triads in root position and 1st and 2nd inversions; elementary keyboard harmony. Pass/No Pass Option. Transfer: CSU/UC
30740 MW 9:20AM - 10:45AM R Cornejo MU 23 3.00

MUSIC \textbf{MUSIC THEORY LEVEL 4}\nPrerequisite: MUSC 004A. Concurrent enrollment in MUSC 30A/B Beginning Piano or 31A/B Intermediate Piano is strongly recommended. Concurrent enrollment in MUSIC 030A/B Beginning Piano or MUSIC 031A/B Intermediate Piano is strongly recommended. This course incorporates further study of advanced harmonic, rhythm and melodic materials, with emphasis on chromatic harmony, modulation, survey and analysis of musical styles and period techniques, including the 20th century, and four-part writing using secondary dominants, the Neapolitan, French, German and Italian sixths. The lab focuses on advanced sight singing in one and two parts, and melodic and harmonic dictation using advanced chromatic materials. Pass/No Pass Option. Transfer: CSU/UC
30743 MW 9:20AM - 11:50AM C Nicklin MU 17 4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 10:25AM - 11:50AM.

MUSIC \textbf{FUNDAMENTALS OF MUSIC}\nThis course is designed for the student who seeks to acquire beginning 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 course is not a course required for music majors. Pass/No Pass Option. Transfer: CSU/UC
30746 TTh 9:20AM - 10:45AM J Hamlin MU 17 3.00
O 32085 T Davis ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

• PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
• Courses used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
MUSC 006  INTRODUCTION TO MUSIC EDUCATION
This course covers the basics of teaching music in the public schools. The topics covered include pedagogical methods, classroom control and lesson planning. Students will have the opportunity to develop and deliver lessons in practice teaching situations. Pass/No Pass Option. Transfer: CSU/UC

MUSC 007  FILM MUSIC APPRECIATION
This course explores film music appreciation. The evolution of film music is traced from early film to present day movies. Pass/No Pass Option. Transfer: CSU/UC

MUSC 009  JAZZ MUSIC HISTORY
This course covers the origin 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. Transfer: CSU/UC

MUSC 010  MUSIC APPRECIATION
Basic introduction for the student without previous training in music listening of performance. Development of enjoyment and appreciation through active and guided listening to such musical forms as symphony, opera, tone poems, ballet, and concerto from early times to the present. Pre-Baroque to (1600); Baroque (1600-1750); Classic (1750-1820); Romantic Age (1820-1900); nationalism; Modern (Jazz, Rock, Electronic Music). Transfer: CSU/UC

MUSC 020B  MUSICIANSHIP LEVEL 2
Advisory: MUSC 020A. Music majors are highly recommended to take MUS 003B concurrent with this course. Non-majors are encouraged but not required to take MUS 003B concurrent with this course. This course focuses on ear training and sight-singing correlated with MUS 003B, and a continuation of MUS 020A Musicianship Level 1. Pass/No Pass Option. Transfer: CSU/UC

MUSC 030A  BEGINNING PIANO, LEVEL 1
This course is a beginning keyboard study for students with no previous training in piano. Study of note reading, scales, arpeggios and simple piano works and exercises are included. Pass/No Pass Option. Transfer: CSU/UC

MUSC 030B  BEGINNING PIANO, LEVEL 2
Advisory: MUSC 030A. This is the second course in the beginning piano series. Study includes: note reading more complex rhythms; one-octave patterns and parallel minor scales; arpeggios and dexterity exercises; and sight reading simple examples. Simple piano equal to the second half of Bartok's Mikrokosmos Book 1 are assigned. Pass/No Pass Option. Transfer: CSU/UC

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
MUSC 032A  BEGINNING VOICE, LEVEL 1
This course is the first in a series of courses designed to give all students, including music and musical theater majors, the opportunity to improve the singing voice and develop the ability to sing confidently in front of others. 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. Transfer: CSU/UC

30785  MW 12:30PM - 1:30PM M Linduska  MU 12  1.00
   NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 1:00PM - 1:30PM and W from 12:30PM - 1:30PM.

MUSC 032B  BEGINNING VOICE, LEVEL 2
Advisory: MUSC032A. This course is the second in a series of courses designed to give all students, including music and musical theater majors, the opportunity to improve the singing voice and develop the ability to sing confidently in front of others. The fundamentals of healthy vocal production are reviewed and reinforced in warm-ups, group singing, and solo performance. Individual vocal problems are diagnosed and exercises are given to help strengthen and improve the voice. Students have the opportunity to interpret and perform literature from classical art song and the Golden Age of musical theater. Pass/No Pass Option. Transfer: CSU/UC

32199  TTh 10:55AM - 11:55AM M LaRochelle  MU 12  1.00
   NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 11:25AM - 11:55AM and Th from 10:55AM - 11:55AM.

32202  TTh 12:30PM - 1:30PM M LaRochelle  MU 12  1.00
   NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 1:00PM - 1:30PM and Th from 12:30PM - 1:30PM.

MUSC 033A  INTERMEDIATE VOICE, LEVEL 3
Prerequisite: MUSC 032B OR private voice lessons for 1 year OR participation in choir for more than 2 years. This third in a series of courses is designed 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. Students are assessed on the fundamentals of healthy vocal production: proper posture and breath to sing; tone production; diction; expression; and music notation reading skills. Individual vocal problems are diagnosed and exercises are given to help strengthen and improve the voice. Students have the opportunity to sing together and individually in class. Students also have the opportunity to interpret and perform literature from many vocal genres including contemporary musical theater repertoire. Pass/No Pass Option. Transfer: CSU/UC

32680  TTh 10:55AM - 11:55AM M LaRochelle  MU 12  1.00
   NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 11:25AM - 11:55AM and Th from 10:55AM - 11:55AM.

32682  TTh 12:30PM - 1:30PM M LaRochelle  MU 12  1.00
   NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 1:00PM - 1:30PM and Th from 12:30PM - 1:30PM.

MUSC 033B  INTERMEDIATE VOICE, LEVEL 4
Prerequisite: MUSC 033A. 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. Transfer: CSU/UC

32681  TTh 10:55AM - 11:55AM M LaRochelle  MU 12  1.00
   NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 11:25AM - 11:55AM and Th from 10:55AM - 11:55AM.

MUSC 035A  BEGINNING/INTERMEDIATE GUITAR-LEVEL 1
This course is a beginning course in guitar. Emphasis is placed on music reading, playing in first position, scales, chords and major and minor keys. Pass/No Pass Option. Transfer: CSU/UC

30795  MW 10:55AM - 11:55AM M Razavi  MU 14  1.00
   NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 11:25AM - 11:55AM and W from 10:55AM - 11:55AM.

MUSC 035B  BEGINNING/INTERMEDIATE GUITAR-LEVEL 2
Advisory: MUSC 035A or basic guitar skills beyond one year of study. This intermediate level course emphasizes reading music and playing in first through third position. The course also offers an introduction to and study of 7th chords, inversions and harmonic and melodic minor keys. Pass/No Pass Option. Transfer: CSU/UC

30797  MW 2:05PM - 3:05PM M Nicklin  MU 14  1.00
   NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 2:35PM - 3:05PM and W from 2:05PM - 3:05PM.

MUSC 036A  INTERMEDIATE GUITAR-LEVEL 3
Advisory: MUSC 036B or Prior guitar experience of more than one year. This intermediate level course emphasizes further study in reading music and playing in first through seventh position. The course provides opportunities for public performances both on campus and in the community. Pass/No Pass Option. Transfer: CSU/UC

30799  MW 2:05PM - 3:05PM M Nicklin  MU 14  1.00
   NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 2:35PM - 3:05PM and W from 2:05PM - 3:05PM.

MUSC 036B  INTERMEDIATE/ADVANCED GUITAR-LEVEL 4
Advisory: MUSC 036C and/or Prior guitar experience of a year or more. This advanced-intermediate level course, the final in a series of four, emphasizes reading music and playing in first through seventh position. The course introduces studies in modes beyond Ionian and Aeolian and addresses various techniques including arpeggios, inversions, tremolo, and velocity. The course requires public performances on campus and/or in the community. Pass/No Pass Option. Transfer: CSU/UC

30801  MW 2:05PM - 3:05PM M Nicklin  MU 14  1.00
   NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 2:35PM - 3:05PM and W from 2:05PM - 3:05PM.

• PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
• Courses used to meet prerequisite requirements must have been completed with a grade of "C" credit or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which students must receive a C or higher. Students receiving less than a C will be placed on probation for the class. Students who receive a second semester of less than C will be ineligible for this class.

Recommended Preparations in Basic Skills:

+ 1 weekly suppl hr

NOTE: Audition required each semester. Concurrent enrollment in MUSC 042 or 048 or 049 is required. This section is geared toward guitar majors. Required orientation for instrumental music majors, Wednesday, January 29, 2020 at 4:15pm in Room MU 12. New students: Go to westvalley.edu/music to register for an audition time. For more information, email troy.davis@westvalley.edu. Continuing students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which students must receive a C or higher. Students receiving less than a C will be placed on probation for the class. Students who receive a second semester of less than C will be ineligible for this class.

32837 W 4:15PM - 6:20PM M Razavi MU 14 1.00 + 1 weekly suppl hr

NOTE: Audition required each semester. Concurrent enrollment in MUSC 042 or 048 or 049 is required. This section is geared toward guitar majors. Required orientation for instrumental music majors, Wednesday, January 29, 2020 at 4:15pm in Room MU 12. New students: Go to westvalley.edu/music to register for an audition time. For more information, email troy.davis@westvalley.edu. Continuing students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which students must receive a C or higher. Students receiving less than a C will be placed on probation for the class. Students who receive a second semester of less than C will be ineligible for this class.

32838 W 4:15PM - 6:20PM M Razavi MU 14 1.00 + 1 weekly suppl hr

NOTE: Audition required each semester. Concurrent enrollment in MUSC 042 or 048 or 049 is required. This section is geared toward guitar majors. Required orientation for instrumental music majors, Wednesday, January 29, 2020 at 4:15pm in Room MU 12. New students: Go to westvalley.edu/music to register for an audition time. For more information, email troy.davis@westvalley.edu. Continuing students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which students must receive a C or higher. Students receiving less than a C will be placed on probation for the class. Students who receive a second semester of less than C will be ineligible for this class.

32840 W 4:15PM - 6:20PM M Razavi MU 14 1.00 + 1 weekly suppl hr

NOTE: Audition required each semester. Concurrent enrollment in MUSC 042 or 048 or 049 is required. This section is geared toward guitar majors. Required orientation for instrumental music majors, Wednesday, January 29, 2020 at 4:15pm in Room MU 12. New students: Go to westvalley.edu/music to register for an audition time. For more information, email troy.davis@westvalley.edu. Continuing students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which students must receive a C or higher. Students receiving less than a C will be placed on probation for the class. Students who receive a second semester of less than C will be ineligible for this class.

MUSC 039A — APPLIED MUSIC: BRASS
Corequisite: MUSC 048 or MUSC 049. 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. Transfer: CSU/UC

MUSC 039B — APPLIED MUSIC: WOODWIND
Corequisite: MUSC 048 or MUSC 049. 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. Transfer: CSU/UC

MUSC 039C — APPLIED MUSIC: STRINGS
Corequisite: MUSC 048 or MUSC 042 or MUSC 049. This course, intended for music majors, focuses on the individualized study of technique and repertoire for string performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty. Transfer: CSU/UC

MUSC 039D — APPLIED MUSIC: PERCUSSION
Corequisite: MUSC 048 or MUSC 049 or MUSC 042. 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. Transfer: CSU/UC
MUSC 039E  APPLIED MUSIC: PIANO
Corequisite: MUSC 042 or MUSC 048 or MUSC 049. This course, intended for music majors, focuses on the individualized study of techniques and repertoire for piano. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty. Transfer: CSU/UC
32016 T 4:00PM - 6:05PM J Scharfach MU 12 1.00
+ 1 weekly suppl hr
  NOTE: Audition required each semester. Concurrent enrollment in MUSC 042 or MUSC 048 is required. This section is geared toward piano majors. Required orientation for all piano and voice majors, Tuesday, January 28, 2020 at 4:00pm in Room MU 12. New students: Go to westvalley.edu/music to register for an audition time. For more information, email troy.davis@westvalley.edu. Continuing students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which students must receive a C or higher. Students receiving less than a C will be placed on probation for the class. Students who receive a second semester of less than C will be ineligible for this class

MUSC 039F  APPLIED MUSIC: GUITAR
Corequisite: MUSC 042 or MUSC 049. This course, intended for music majors, focuses on the individualized study of techniques and repertoire for guitar performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty. Transfer: CSU/UC
32014 W 4:15PM - 6:20PM T Davis MU 12 1.00
+ 1 weekly suppl hr
  NOTE: Audition required each semester. Concurrent enrollment in MUSC 042 or MUSC 048 or MUSC 049 is required. This section is geared toward guitar majors. Required orientation for instrumental music majors, Wednesday, January 29, 2020 at 4:15pm in Room MU 12. New students: Go to westvalley.edu/music to register for an audition time. For more information, email troy.davis@westvalley.edu. Continuing students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which students must receive a C or higher. Students receiving less than a C will be placed on probation for the class. Students who receive a second semester of less than C will be ineligible for this class

MUSC 039G  APPLIED MUSIC: VOICE
Corequisite: MUSC 042. This course, intended for music majors, focuses on the individualized study of techniques and repertoire for vocal performance. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for solo performance. Achievement is evaluated through a performance before a jury of music faculty. Transfer: CSU/UC
32017 T 4:00PM - 6:05PM J Scharfach MU 12 1.00
+ 1 weekly suppl hr
  NOTE: Audition required each semester. Concurrent enrollment in MUSC 042 is required. This section is geared toward voice majors. Required orientation for all piano and voice majors, Tuesday, January 28, 2020 at 4:00pm in Room MU 12. New students: Go to westvalley.edu/music to register for an audition time. For more information, email troy.davis@westvalley.edu. Continuing students: Juried performance in the previous semester (during assigned Final Exam time) constitutes the audition for continuing students, by which students must receive a C or higher. Students receiving less than a C will be placed on probation for the class. Students who receive a second semester of less than C will be ineligible for this class

MUSC 039H  APPLIED MUSIC: COMPOSITION
Prerequisites: MUSC 005 & MUSC 030A & MUSC 063A & MUSC 067A. This course, intended for the Scoring for Film, TV and Gaming Certificate, focuses on the individualized study of technique for composition. Instruction is comprised of both private lessons and studio master classes. Emphasis is placed on the progressive development of skills needed for music composition. Achievement is evaluated through a performance of new composition(s) before a jury of music faculty. Transfer: CSU/UC
32015 W 4:15PM - 6:20PM T Davis MU 12 1.00
+ 1 weekly suppl hr
  NOTE: This course fulfills the second semester requirement of the Creating Music for Film, TV & Gaming Certificate. This course does not fulfill music major requirements for transfer or AA. Students attend a weekly group meeting in addition to weekly private lessons in music composition. Students must contact Robert Cornejo no later than the first week of the semester to confirm eligibility: robert.cornejo@westvalley.edu
32842 W 4:15PM - 6:20PM M Razavi MU 14 1.00
+ 1 weekly suppl hr
  NOTE: This course fulfills the second semester requirement of the Creating Music for Film, TV & Gaming Certificate. This course does not fulfill music major requirements for transfer or AA. Students attend a weekly group meeting in addition to weekly private lessons in music composition. Students must contact Robert Cornejo no later than the first week of the semester to confirm eligibility: robert.cornejo@westvalley.edu

MUSC 040  CHAMBER SINGERS
Advisory: MUSC 042. This course focuses on the study, rehearsal, and public performance of chamber choir literature, with an emphasis on the development of independence in ensemble singing. Different literature is studied each semester. Non-majors are welcome. Audition is required. Pass/No Pass Option. Transfer: CSU/UC
32189 MW 2:05PM - 4:10PM L De La Rosa MU 12 2.00
  NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 3:05PM - 4:10PM and W from 2:05PM - 4:10PM. New students: Go to westvalley.edu/music to register for an audition. For more information e-mail lou.delarosa@westvalley.edu.

MUSC 042  CONCERT CHOIR
Prerequisite: Audition is required. This course focuses on the study, rehearsal, and public performance of choral music literature, with an emphasis on the development of skills necessary to sing in a large ensemble. Study includes development of music reading skills, the building of technical skills, the creation of a beautiful tone, aesthetic awareness, and responsible rehearsal habits in a large ensemble. Audition is required. Pass/No Pass Option. Transfer: CSU/UC
32190 TTh 2:05PM - 3:30PM L De La Rosa MU 12 1.00
  NOTE: Auditions for new students will be held by appointment the week before school starts. Go to westvalley.edu/music for audition information

MUSC 044A  MUSICAL THEATER & OPERA SCENES: COMIC OPERA
Advisory: MUSC 032A or MUSC 032B or MUSC 032C or MUSC 033A or MUSC 033B and THEA 040A. This class studies, rehearses, and performs scenes from operas and Broadway musicals, focusing primarily on comic opera. Audition required. Pass/No Pass Option. Transfer: CSU/UC
30804 Th 4:15PM - 9:00PM J Scharfach/Davis MU 12 2.00
  SECTION #30804 BEGINS 02/06/20 CLASS ENDS 05/14/20
  NOTE: Class meeting time is for the lecture and lab. Lab portion meets Th from 5:30PM - 9:00PM. This is a LATE START course. Auditions to musical theater show will be held the week of January 27, 7:00 pm each night in Campus Theater (TA-26). See website for more info on the musical, co-produced by the Musical Theater Collaborative of the Theater Arts, Music and Dance programs, westvalley.edu/academics/theater/
MUSIC 044B  MUSICAL THEATER & OPERA SCENES: VERISMO
Advisory: MUSC 032A or MUSC 032B or MUSC 032C or MUSC 033A or
MUSC 033B and THEA 040A. This class studies, rehearses, and performs
scenes from operas and Broadway musicals, focusing primarily on verismo
opera. Pass/No Pass Option. Transfer: CSU/UC

32212  Th  4:15PM - 9:00PM  Scharlach/Davis  MU 12  2.00
SECTION #32212 BEGINS 02/06/20 CLASS ENDS 05/14/20
NOTE: Class meeting time is for the lecture and lab. Lab portion
meets Th from 5:30PM - 9:00PM. This is a LATE START course.
Auditions to musical theater show will be held the week of January
27, 7:00 pm each night in Campus Theater (TA-26). See website
for more info on the musical, co-produced by the Musical Theater
Collaborative of the Theater Arts, Music and Dance programs.
w westvalley.edu/academics/theater/

MUSIC 044C  MUSICAL THEATER & OPERA SCENES: MID-20TH CENTURY
MUSICALS
Advisory: MUSC 032A and/or MUSC 032B and/or MUSC 032C and/or MUSC
033A and/or MUSC 033B and/or THEA 040A. This class studies, rehearses,
and performs scenes from operas and Broadway musicals, focusing primarily
on musicals of the mid-20th Century. Pass/No Pass Option. Transfer: CSU/UC
30805  Th  4:15PM - 9:00PM  Scharlach/Davis  MU 12  2.00
SECTION #30805 BEGINS 02/06/20 CLASS ENDS 05/14/20
NOTE: Class meeting time is for the lecture and lab. Lab portion
meets Th from 5:30PM - 9:00PM. This is a LATE START course.
Auditions to musical theater show will be held the week of January
27, 7:00 pm each night in Campus Theater (TA-26). See website
for more info on the musical, co-produced by the Musical Theater
Collaborative of the Theater Arts, Music and Dance programs.
w westvalley.edu/academics/theater/

MUSIC 044D  MUSICAL THEATER & OPERA SCENES: MODERN MUSICALS
Advisory: MUSC 032A or MUSC 032B or MUSC 032C or MUSC 033A or
MUSC 033B and THEA 040A. This class studies, rehearses, and performs
scenes from operas and Broadway musicals, focusing primarily on modern
musical theater. Pass/No Pass Option. Transfer: CSU/UC
32213  Th  4:15PM - 9:00PM  Scharlach/Davis  MU 12  2.00
SECTION #32213 BEGINS 02/06/20 CLASS ENDS 05/14/20
NOTE: Class meeting time is for the lecture and lab. Lab portion
meets Th from 5:30PM - 9:00PM. This is a LATE START course.
Auditions to musical theater show will be held the week of January
27, 7:00 pm each night in Campus Theater (TA-26). See website
for more info on the musical, co-produced by the Musical Theater
Collaborative of the Theater Arts, Music and Dance programs.
w westvalley.edu/academics/theater/

MUSIC 049  SYMPHONIC BAND
Advisory: Audition. This course is for the study, rehearsal, and public perfor-
mance of the standard wind band literature, with an emphasis on the develop-
ment of skills needed to perform within an ensemble. Different literature is
studied each semester. Audition is required. Pass/No Pass Option.
32192  MW  12:30PM - 1:55PM  T Davis  MU 14  1.00

MUSIC 051  JAZZ BAND
This course focuses on the study, rehearsal, and public performance of stan-
dard jazz band literature, with an emphasis on the development of improvisa-
tion skills and ensemble playing. Different literature is studied each semester.
Non-majors are welcome. Audition is required. Pass/No Pass Option. Transfer:
CSU/UC
32193  TTh  12:30PM - 2:35PM  T Davis  MU 14  2.00
NOTE: Class meeting time is for the lecture and lab. Lab portion
meets T from 1:30PM - 2:35PM and Th from 12:30PM - 2:35PM.
Auditions for new students will be held by appointment the week
before school starts. Go to westvalley.edu/music for audition
information.

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
MUSC 063B COMMERCIAL MUSIC PRODUCTION
Advisory: MUSC 063A. This is a project based course providing advanced training in MIDI programming and editing techniques. The course covers advanced DAW sequencing, signal processing, and recording in an industry-specific DAW environment of either Logic Pro or ProTools. Pass/No Pass Option. Transfer: CSU
30788 TTh 10:55AM - 1:25PM J Forehan LIB DMC 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 12:00PM - 1:25PM. This section will utilize ProTools Software.

MUSC 064 SOUND DESIGN
Sound Design is an introductory survey of sound types, techniques and the methods of their application for appropriate accomplishment to Computer Animation and Multi Media presentations. Pass/No Pass Option. Transfer: CSU
32208 TTh 2:05PM - 4:30PM J Forehan LIB DMC 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 3:05PM - 4:30PM.

MUSC 065B RECORDING ARTS II
Advisory: MUSC 065A. This is a 3-part series of recording arts classes that are the core of the commercial music certificate. Music 065B is an intermediate class in the audio recording arts. It covers multi-track recording & overdubbing, outboard and on board signal processing, use of patch bays, mixing, automation and commercial music production. Pass/No Pass Option. Transfer: CSU
30790 F 9:20AM - 2:45PM J Forehan LIB DMC 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 11:35AM - 2:45PM. This section will utilize Logic Software.

MUSC 066 DIGITAL AUDIO AND NOTATION
Advisory: MUSC 005. This course is designed for music students and focuses on the basics of MIDI, Notation and Digital Audio using computers and industry standard software. Pass/No Pass Option. Transfer: CSU
31683 T 6:30PM - 8:35PM J Hanson LIB DMC 1.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 7:10PM - 8:35PM.

MUSC 067A CREATING MUSIC FOR FILM, TV, AND GAMING: FOUNDATIONS
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. Transfer: CSU/UC
30780 M 4:15PM - 9:30PM R Cornejo LIB DMC 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets M from 8:05PM - 9:30PM.

MUSC 069B SONGWRITING, LEVEL 2
Prerequisite: MUSC069A. 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. Transfer: CSU/UC
32209 MW 1:05PM - 3:30PM J Forehan LIB DMC 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 2:05PM - 3:30PM.

NCMU 152 ORCHESTRA FOR OLDER ADULTS
This non-credit course offers the older adult student the opportunity to explore classical orchestral music and ensemble performance and its place in our culture as well as other cultures. It provides an opportunity for practical application, using diverse media and techniques in the production of musical performances.
31593 M 6:40PM - 10:00PM S Seaton MU 14
SECTION  # 31593 BEGINS 1/27/20 CLASS ENDS ON 5/18/20
NOTE: Class meets regularly M 6:40-10:00pm. Other days and times are scheduled for dress rehearsals and performances.

NUTRITIONAL STUDIES
NUTR 015 HUMAN NUTRITION
Basic scientific principles as they apply to human nutrition in maintaining health and preventing disease are discussed. Concentration is on the nutrient requirements of the human body throughout life. Biochemical functions and interrelationships of nutrients are examined. Current nutritional controversies are evaluated. Students have the opportunity to gain practical experience in evaluating nutritional data by completing a self-study project. This course is designed for the student who has no science background. Pass/No Pass Option. Transfer: CSU/UC
31605 MW 10:55AM - 12:20PM M Bowers-Gachesa PE 2
3.00
30081 MW 12:30PM - 1:55PM W Bowers-Gachesa PE 2
3.00
30082 TTh 10:55AM - 12:20PM W Bowers-Gachesa CHE 127
3.00
30078 D Russo ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

30080 W Bowers-Gachesa ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

NUTR 022 SPORTS NUTRITION
This course is designed specifically for the fitness specialist or enthusiast who wants a basic understanding of nutritional principles as they relate to exercise and sports. Emphasis is placed on understanding the role of nutrients in physical performance. Body composition, precompetition meals and the efficiency of ergogenic aids are also discussed. Pass/No Pass Option. Transfer: CSU/UC
32086 W Bowers-Gachesa ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

OCEANOGRAPHY
OCEA 010 INTRODUCTION TO OCEANOGRAPHY
This course presents some of the more important phenomena of oceanography with emphasis on seafloor plate tectonics, marine geology, ocean chemistry, ocean physics, and marine ecology. The laboratory section complements the lecture with hands-on experience through lab exercises, demonstrations, and field trips. Pass/No Pass Option. Transfer: CSU/UC
30543 MW 2:05PM - 5:15PM F Garcia SM 49
4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets W from 2:05PM - 5:15PM. This section meets on Mondays for lecture and on Wednesdays for laboratory, Some Mondays and Wednesdays will have both lecture and laboratory in each session.
30542 TTh 9:20AM - 12:20PM K Bowman SM 49
4.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets TTh from 10:55AM - 12:20PM.

• PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
• Courses used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
PARALEGAL

NOTE: The Paralegal Department will hold a FREE Information Session for new and interested students on: Wed., January 22, 2020 at 6:30 pm in the Cilker Building.

PARA 018 LEGAL ANALYSIS
This course covers how to analyze primary sources of law, including enacted law and court opinions. It focuses on the requirements of the law and applying these requirements to a client’s facts. Transfer: CSU
N 30490 Th 6:00PM - 8:25PM E Lindenbaum CHE 121 2.00 SECTION #30490 BEGINS 01/30/20 CLASS ENDS 04/20/20

PARA 021 INTRODUCTION TO AMERICAN LAW
This course provides an overview of major substantive areas of American Law including contracts, constitutional law, corporations, criminal law, family law, property, wills and estates, and personal injury law. Transfer: CSU
N 32055 M 6:00PM - 9:10PM S Hopkins CHE 139 3.00

PARA 022A PRE-TRIAL PROCEDURES
Prerequisite: PARA 022. 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. Transfer: CSU
31588 W 2:00PM - 5:10PM S Hopkins CHE 139 1.50 SECTION #31588 BEGINS 02/29/20 CLASS ENDS 03/18/20

PARA 023 LEGAL RESEARCH AND WRITING
Prerequisites: PARA 018 and PARA 019 and PARA 068. This course provides an in-depth study of the skills needed 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. Transfer: CSU
N 30496 Th 6:00PM - 9:10PM S Hopkins CIL 120 3.00

PARA 024A WRITING FOR LAW PRACTICE
Prerequisites: PARA 018 and PARA 019. 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. Transfer: CSU
30497 W 2:00PM - 5:30PM S Hopkins CHE 121 1.50 SECTION #30497 BEGINS 03/25/20 CLASS ENDS 05/13/20

PARA 025 LEGAL ETHICS AND PROFESSIONAL RESPONSIBILITY
This course provides an in-depth study of the ethical rules and regulations that govern personnel in the legal profession. Transfer: CSU
O 32127 S Hopkins ONLINE 1.50 SECTION #32127 BEGINS 03/09/20 CLASS ENDS 05/08/20

PARA 029A PARALEGAL EMPLOYMENT PREPARATION
Prerequisite: PARA 019. This course focuses on job hunting techniques for obtaining paralegal employment and the skills needed to survive and thrive as a paralegal. Pass Only. Transfer: CSU
31574 T 9:20AM - 12:40PM S Hopkins FOX 202 1.00 SECTION #31574 BEGINS 04/07/20 CLASS ENDS 05/25/20

PARA 029B PARALEGAL INTERNSHIP
Prerequisite: PARA 022 and PARA 023 and PARA 025 and PARA 029A and PARA 065B. The internship provides students with the opportunity to apply knowledge and skills learned in the program in a private or corporate office or a government agency while working under the supervision of a member of the California State Bar or a Patent Agent. This course requires 120 unpaid or 150 paid internship hours. Pass Only. Transfer: CSU
30498 S Hopkins 2.00 SECTION #30498 BEGINS 02/18/20 CLASS ENDS 05/15/20

PARA 043 LAW OFFICE MANAGEMENT AND TECHNOLOGY
This course is designed to introduce the student to the composition of, and the functions performed in, a law office on a day-to-day basis. It includes an in-depth review of various time keeping, accounting and record management systems. In addition, it explores the use of various types of computers and other business machines found in a law office and the different types of software that are utilized. Transfer: CSU
N 30499 W 6:00PM - 9:10PM D Doerrman FOX 105 3.00

PARA 065B MICROSOFT WORD FOR THE LAW OFFICE
This course covers the preparation of legal documents, such as contracts, wills, and pleadings, using Microsoft Word features that apply to the law office. Transfer: CSU
N 30500 T 6:00PM - 9:10PM T Walinsky CIL 120 3.00

PARA 076 IMMIGRATION AND NATURALIZATION LAW FOR PARALEGALS
This course provides an overview of Immigration and Naturalization laws, with employment evaluation of 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. Transfer: CSU
N 31594 Th 6:00PM - 9:10PM P Scott CHE 127 3.00

PARA 083C PATENT ADMINISTRATION FOR PARALEGALS
Advisory: PARA 037. This course introduces the patent administration process. It provides a step-by-step approach to the role paralegals play in the administration of patents. Transfer: CSU
N 30502 M 6:00PM - 9:10PM A Wheeler CHE 133 3.00

PARK MANAGEMENT

NOTE: The Park Management Department will hold a FREE Information Session for new and interested students on: Wed., January 22, 2020 at 6:30 pm in the Cilker Building.

PMGT 010 INTRODUCTION TO PARK MANAGEMENT
This course provides an introduction to public land management and the history of environmental thought from prehistoric time to the creation of the world’s first protected public parks and forests. Throughout this course the student has the opportunity to explore how the social, economic, political, cultural, and religious influences led to the creation of our national parks. Also the student has the opportunity to learn about the variety of city, county, state, regional open space, and federal land management agencies, their missions and employment opportunities. Transfer: CSU
30503 MW 9:20AM - 10:45AM H McFarland CIL 116 3.00

PMGT 011 PARK COMMUNICATIONS
This specialized course explores techniques for improving communication skills with the public, colleagues, and other agencies and organizations. Emphasis is placed on developing strong interpersonal, oral, and written communication skills within the context of natural and cultural resource agencies. Transfer: CSU
30504 MW 10:55AM - 11:55AM H McFarland CIL 116 2.00

PMGT 012A BASIC OUTDOOR SKILLS
This course introduces the student to those skills necessary to camp and backpack using environmentally sensitive methods. Other topics include equipment selection and use, back-country first aid and those skills necessary for the back-country traveler. Two-day and three-day backpacking trips required. Transfer: CSU
N 32291 W 6:00PM - 9:30PM H McFarland CIL 116 2.00 SECTION #32291 BEGINS 03/25/20 CLASS ENDS 05/18/20
NOTE: This is a LATE start course. It will have field trips on the following dates: 4/10; 4/24-4/25; 5/8-5/10. Locations: TBA.

PMGT 012C ADVANCED OUTDOOR SKILLS AND SURVIVAL
Advisory: PMGT 012A. 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. Transfer: CSU
N 32292 T 6:00PM - 9:00PM D Neumann CHE 150 3.00 NOTE: This class will have field trips on the following dates; 2/27-29; 4/30-5/3. Locations: TBA.

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 and reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
PMGT 012C  ADVANCED OUTDOOR SKILLS AND SURVIVAL
Advisory: PMGT 012A. 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. Transfer: CSU

N 32292  T  6:00PM - 9:00PM  D Neumann  CHE 150  3.00
NOTE: This class will have field trips on the following dates: 2/27-29, 4/30-5/1. Locations: TBA.

PMGT 014  CONSERVATION OF OUR NATURAL RESOURCES
This course emphasizes the conservation of our natural resources from the view of conservation problems by considering the history of human populations in the relation to natural resources, their present predication, and their future outlook. This course also covers conservation as it pertains to water, timber, wildlife, soil, and air. Transfer: CSU

• 30505  MW  12:30PM - 1:55PM  H McFarland  CIL 116  3.00

PMGT 015C  INTRODUCTION TO PARK MAINTENANCE
This course is an introduction to park maintenance skills and management. Students have opportunities to learn basic skills in the following subjects: carpentry, plumbing, electrical, concrete, painting, and drywall construction. Other topics include selecting materials, tool use and application, project planning, and interpreting plans. Students also have opportunities to learn how to integrate safety into park maintenance operations and learn the basic principles and methods of managing a park maintenance operation. Transfer: CSU

30506  T  9:00AM - 4:25PM  H McFarland  SANBRN 3.00
NOTE: Class meeting time is for the lecture and lab. Lab portion meets T from 9:55AM - 4:25PM.

PMGT 017  BASIC HORTICULTURE FOR PARKS
This course is designed for students in both park management and other similar disciplines, emphasizing studies in horticulture. This course provides an overview with various aspects of the use of plants and trees in public land management. Additional topics include native plants, invasive plants, plant biology and disease, restoration and sustainable use of plants in the environment. Transfer: CSU

32831  Th  2:20PM - 5:30PM  A Frisbee  CHE 120  3.00

PMGT 018  PARK PLANNING & DESIGN
This course provides an introduction to park planning and design. Students have opportunities to learn 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. Transfer: CSU

32832  Th  12:00PM - 2:05PM  B Upton  CHE 120  2.00

PMGT 019  WILDERNESS FIRST RESPONDER
This course provides public land agency personnel, outdoor leaders, guides, and wilderness travelers with the opportunity to gain a thorough understanding of the basic principles of emergency medical care for both urban and wilderness environments. This certification course consists of the Federal DOT First Responder curriculum with modifications and additional protocols to meet the specific needs of emergency medical care in remote environments. Certification upon successful course completion includes WVC-PM’s “First Responder” and “Wilderness First Responder” and American Heart Association’s “CPR for the Healthcare Provider” or American Red Cross’ “CPR for the Professional Rescue.” Pass/No Pass Option. Transfer: CSU

N 32287  MW  6:00PM - 10:00PM  A Leman  CIL 116  5.00
SECTION #32287 BEGINS 01/27/20 CLASS ENDS 03/03/20
NOTE: This class will have a required Friday field exercise on February 14, 2020, from 9:00 am to 5:00 pm; optional CPR training day on February 21, 2020; and two required multi-day/night field trips on February 22, 23 and March 13,14,15, 2020.

PMGT 020A  EMPLOYMENT PREPARATION
Prerequisite: PMGT 015A & 015B & 015C; or PMGT 016A & 016C & 016E; or AVIA 030A & 030B & 030C & 030D. This course is designed to provide students with the requisite experience in the development of resumes, background investigations, digital portfolio and interviewing skills and grant writing. Transfer: CSU

31568  M  4:00PM - 5:05PM  H McFarland  CIL 116  1.00

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

30512  H McFarland  2.00

PMGT 023  POWERSAWS
This course is designed to meet training requirements to work as a powersaw operator. The cutting techniques and procedures are applicable to most geographic areas of the country. Students have the opportunity to learn powersaw mechanics and basic field maintenance, powersaw operation including brush clearing, limbng, bucking, and basic felling of small trees. Successful students may receive the S-212 Wildfire Powersaws certificate. Pass/No Pass Option. Transfer: CSU

W 32294  WThFSSu  8:00AM - 5:20PM  D Aguirre  SANB SANB 1.00
SECTION #32294 BEGINS 04/15/20 CLASS ENDS 04/19/20

PMGT 024  WILDERNESS NAVIGATION
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. Transfer: CSU

N 32295  F  6:00PM - 9:50PM  D Neumann  CIL 116  1.00
+ LAB  SSu  8:00AM - 5:00PM  D Neumann  CIL 116
SECTION #32295 BEGINS 01/31/20 CLASS ENDS 03/29/20
NOTE: This class meets these two weekends: Friday, Saturday and Sunday 1/31 - 2/2 and then again 3/27 - 3/29.

PHILOSOPHY

PHIL 001  INTRODUCTION TO PHILOSOPHY
This course introduces philosophical ideas and methods concerning knowledge, reality and values. Expected topics include the sources and limits of knowledge, and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, truth, ethics, religion, science, language, beauty and art, political theory, or mind. Transfer: CSU/UC

30160  MW  10:55AM - 12:00PM  B Upton  LASS 24  3.00
30162  Th  12:30PM - 1:55PM  A Hanson  FOX 102  3.00
O 30161  B Upton  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC home page. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

O 30164  B Upton  ONLINE  3.00
SECTION #30164 BEGINS 03/23/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC home page. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

• PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
• Courses used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
PHIL 003  INTRODUCTION TO ETHICS
Prerequisite: ENGL 001A. This course critically analyzes questions of value (what’s good and bad) and obligation (what’s right and wrong). It explores the ethical systems of Plato, Aristotle, Christianity, Kant, the utilitarians, and the intuitionists. These ethical systems are applied to contemporary ethical problems and social issues, such as abortion, capital punishment, feminism, euthanasia, animal right, and racism. Much of the course is devoted to critical thinking and writing skills. The course requires the student to write a sequence of ethical “position papers,” which are evaluated, for both qualities of analysis and English composition skills. Transfer: CSU/UC
O 30165  J Woolever  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

PHIL 004  COMPARATIVE RELIGIONS
This course is an introduction to the critical, comparative study of religion. The student is introduced to the responses offered by the major Western and non-Western religions to perennial problems of human existence. Major topics include: characterization of the religious vs the secular point of view; arguments in favor of the religious stance; arguments in opposition to the religious stance; the relationship of religion to science, ethics, and philosophy; the nature and validity of religious knowledge; the beliefs of major world religions and how these beliefs are expressed; how different religious beliefs affect the culture and history of European, Arab, and Asian peoples. The religions covered include Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianitly, and Islam. Pass/No Pass Option. Transfer: CSU/UC
31589  TTh  10:55AM - 12:20PM B Upton
FOX 101  3.00

PHIL 017  LOGIC & CRITICAL REASONING
Prerequisite: ENGL 001A. This course is an introduction to critical thinking and critical writing. The students have the opportunity to learn techniques of practical reasoning and argumentation, with emphasis on application of these techniques in the writing of a sequence of argumentative essays. Topics include: critical reading, argument analysis, recognizing propaganda and stereotypes, clarifying ambiguity, meaning and definition, evaluating evidence, logical correctness vs factual correctness, and common mistakes in reasoning (formal and informal fallacies). The class emphasizes critical writing strategies. Sample arguments from philosophy and from culturally diverse sources in other disciplines are analyzed. Transfer: CSU/UC
O 30168  A Hanson  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

PHOTOGRAPHY
Please see Fine Arts courses Arts 062A-062D and Arts 095.

PHYSICAL EDUCATION
see Kinesiology

PHYSICAL SCIENCE

PSCI 010  PHYSICAL SCIENCE SURVEY
This course is a tour of physics, chemistry, geology and astronomy. It focuses on major concepts and theories. Transfer: CSU/UC
30560  TTh  10:55AM - 12:20PM Epperson  SM  3.00

PHYSICS

PHYS 001  INTRODUCTION TO PHYSICS PROBLEM SOLVING
Prerequisite: MATH 002D or MATH 002. This course is designed specifically to prepare students for Physics 002A or Physics 004A. It covers basic principles/concepts in classical mechanics and problem-solving skills. Transfer: CSU/UC
30553  TTh  9:20AM - 10:45AM M Vaughan  SM  46  3.00

PHYS 002A  GENERAL PHYSICS
Prerequisite: MATH 000D or MATH 002. Advisory: PHYS 001. This is a trigonometry-based first course in Physics. The course covers mechanics, thermodynamics, fluid mechanics and simple harmonic motion. Concepts and problem solving are emphasized. Transfer: CSU/UC
30554  TTh  7:45AM - 9:10AM  SM  47  5.00
+ LAB  F  7:45AM - 12:15PM  SM  46
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 9:00AM - 12:10PM.

PHYS 002B  GENERAL PHYSICS
Prerequisite: PHYS 002A. This is a trigonometry-based course in Physics. The course covers mechanical waves, electricity, magnetism, optics, atomic physics, nuclear physics and special relativity. Concepts and problem solving are emphasized. Transfer: CSU/UC
30555  MW  9:20AM - 10:45AM K Nath  SM  46  5.00
+ LAB  F  12:30PM - 4:55PM  K Nath  SM  46
NOTE: Class meeting time is for the lecture and lab. Lab portion meets F from 1:45PM - 4:55PM.

PHYS 004A  ENGINEERING PHYSICS-MECHANICS
Prerequisite: MATH 003A. Advisory: PHYS 001. Mechanics is the first course in the engineering physics series. Transfer: CSU/UC
32092  MW  10:55AM - 1:00PM S Koons  SM  46  5.00
+ LAB  T  2:05PM - 5:15PM  S Koons  SM  46
30556  MW  10:55AM - 1:00PM M Shahrabi  SM  47  5.00
+ LAB  W  2:05PM - 5:15PM  M Shahrabi  SM  46
N 30557  T  5:25PM - 8:35PM  P Huet  SM  47  5.00
+ LEC  Th  5:25PM - 6:25PM  P Huet  SM  47
+ LAB  Th  6:40PM - 9:50PM  P Huet  SM  46

PHYS 004B  ENGINEERING PHYSICS-ELECTRICITY AND MAGNETISM
Prerequisites: PHYS 004A and MATH 003B. This is the second semester of a three-semester physics sequence, intended for students majoring in physical sciences and engineering. Core topics include electromagnetics (electric fields, Gauss’s Law, electric potential, capacitors and dielectric), magnetism (applications of Ampere’s Law, inductance and Faraday’s Law of Induction, magnetic properties of matter), DC and AC circuits (direct current, resistance, alternating currents, and Maxwell’s equations). Transfer: CSU/UC
30558  M  5:25PM - 8:35PM  D Epperson  SM  47  5.00
+ LEC  W  5:25PM - 6:25PM  D Epperson  SM  47
+ LAB  W  6:40PM - 9:50PM  D Epperson  SM  46

PHYS 004C  ENGINEERING PHYSICS-LIGHT, HEAT AND WAVES
Prerequisites: PHYS 004A and MATH 003B. Light and Heat is the third course in the engineering physics series. It also includes waves and special relativity. Transfer: CSU/UC
30559  TTh  10:55AM - 1:00PM M Vaughan  SM  46  5.00
+ LAB  Th  2:05PM - 5:15PM  M Vaughan  SM  46
NOTE: PHYS 004C may be taken before PHYS 004B.

PHYS 004D  ADVANCED TOPICS IN MODERN PHYSICS
Prerequisites: PHYS 004B or 004C. Advisory: MATH 004B. This course is an introduction to modern physics emphasizing Einstein’s special and general theories of relativity, atomic and nuclear structure, wave-particle duality, quantum mechanics, and solid-state physics. Transfer: CSU/UC
32288  F  10:00AM - 1:10PM  D Epperson  SM  47  3.00

PHYS 010  CONCEPTUAL INTRODUCTION TO PHYSICS
This course takes a conceptual approach to physics. Topics include mechanics, heat, fluids, solids, waves, electricity, magnetism, light, atomic physics, nuclear physics. A lab is included with the course. Transfer: CSU/UC
31520  MW  7:45AM - 9:10PM  Staff  SM  46  4.00
+ LAB  M  2:05PM - 5:15PM  Staff  SM  46

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 005 AND reading competency by completing Reading 061. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
POLITICAL SCIENCE

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

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 important file information: Enrollment fees for community colleges are set by the state of California.

POLI 003H HONORS INTRODUCTION TO POLITICAL SCIENCE
Honors Introduction to Political Science uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. This course is an introduction to political theory analyzing the ideological origins of nation-states from direct democracy to totalitarian forms of government. This course may be used to meet Social Science Series Area D requirements in the General Education pattern for transfer to the California State University System. Transfer: CSU/UC

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<tr>
<td>30157</td>
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<td>J Kelly</td>
<td>LASS 26</td>
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</table>

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

POLI 004 INTERNATIONAL RELATIONS
Introductory examination of International relations, and global issues. Transfer: CSU/UC

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<td>TTh</td>
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<td>LASS 26</td>
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</table>

PSYCHOLOGY

PSYC 001 GENERAL PSYCHOLOGY
This course introduces students to the scientific study of behavior and mental processes, and how they are influenced by an organism's physical state, mental state, and external environment. Transfer: CSU/UC

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NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. There are (3) MANDATORY ONLINE EXAMS on THURSDAY EVENINGS from 7:00pm-8:30pm, please see instructor's website. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

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

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<thead>
<tr>
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<th>Time</th>
<th>Instructor</th>
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<td>7:35PM - 9:00PM</td>
<td>J Bautista</td>
<td>FOX 104</td>
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</tbody>
</table>
**CLASS INFORMATION — Spring 2020**

**PSYC 002H HONORS EXPERIMENTAL PSYCHOPHYSIOLOGY**
Prerequisites: PSYC 001 and MATH 010 or MATH 010H. Honors Experimental Psychophysiology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. The course introduces the student to the theory and application of the scientific method in psychology. Content includes: philosophy of science, research design, experimental procedures, data analysis and presentation. A computerized psychophysiology laboratory is used to introduce students to experiments in which one variable is physiological and the primary focus and theoretical context are behavioral. Transfer: CSU/UC

- 30228 TTh 12:30PM - 1:55PM J Bautista LASS 23 4.00
- + LAB TTh 2:05PM - 3:30PM J Bautista FOX 104

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

**PSYC 007 PHYSIOLOGICAL PSYCHOLOGY**
Prerequisite: PSYC 001. This course provides an introduction to the physiological substrates of behavior. Transfer: CSU/UC

- 30321 TTh 9:20AM - 10:45AM M Reed LASS 21 3.00

**PSYC 009 PSYCHOLOGY OF WOMEN: A MULTICULTURAL PERSPECTIVE**
Advisory: PSYC 001. 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. Transfer: CSU/UC

- O 30232 M Reed ONLINE 3.00
  - SECTION #30232 BEGINS 02/04/20 CLASS ENDS 05/07/20
  - NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. There are (3) MANDATORY ONLINE EXAMS on THURSDAY EVENINGS from 7:00pm-8:30pm, please see instructor’s website. Go to: https://www.westvalley.edu/classes/online.html for class and instructor contact information.

**PSYC 012 HUMAN GROWTH AND DEVELOPMENT**
Advisory: PSYC 001. 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. Pass/No Pass Option. Transfer: CSU/UC

- 31563 MW 12:30PM - 1:55PM B Oliveira LASS 21 3.00
- 30178 TTh 7:45AM - 9:10AM B Oliveira LASS 23 3.00
- 30189 T 6:30PM - 9:40PM N Wagner LASS 21 3.00

**PSYC 017 INTRODUCTION TO SOCIAL PSYCHOLOGY**
Advisory: PSYC 001. The course covers the following topics, among others: Understanding others, Thinking about the social world, Attitude formation, Genes, culture, and gender, Prejudice, Interpersonal attraction (What is love?), Persuasion, Aggression, and Helping and prosocial behavior. These topics have high applicability in the legal system, and clinical settings. Transfer: CSU/UC

- 30182 TTh 10:55AM - 12:20PM Wagner LASS 24 3.00

**PSYC 025 INTRODUCTION TO ABNORMAL PSYCHOLOGY**
Prerequisite: PSYC 001. This course introduces the scientific study of psychopathology and atypical behaviors, broadly defined. Students investigate abnormal behavior from a variety of perspectives including biological, psychological, and sociocultural approaches. An integrative survey of theory and research in abnormal behavior, and intervention and prevention strategies for psychological disorders are also introduced. Pass/No Pass Option. Transfer: CSU/UC

- 30185 MW 10:55AM - 12:20PM Reed LASS 21 3.00

**PSYC 030 PSYCHOLOGY OF ADDICTION AND SUBSTANCE ABUSE**
This course is an introduction to the physiological, psychological, and social processes of addiction and how they relate to the abuse of legal and illegal substances. Pass/No Pass Option. Transfer: CSU/UC

- 30186 TTh 10:55AM - 12:20PM Oliveira LASS 30 3.00

**READING**

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

- 30491 MW 9:20AM - 10:45AM M Francis LASS 31 3.00
- 30493 MW 10:55AM - 12:20PM Francis LASS 31 3.00
- 31532 D Haugen ONLINE 3.00

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

**REAL ESTATE**

NOTE: The Real Estate Department will hold a FREE Information Session for new and interested students on: Wed., January 22, 2020 at 6:30 pm in the Cilker Building.

**RLST 090 PRINCIPLES OF REAL ESTATE**
This is a required course to obtain a Real Estate Salesperson license. The course covers the basic background, concepts, and terminology necessary for advanced study in other real estate courses. This course is intended to acquaint the student who has had little or no training or experience in real estate. This course also fulfills the educational requirements of the California Real Estate Broker’s license examination. Pass/No Pass Option. Transfer: CSU

- O 30513 L Shoemaker ONLINE 3.00

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

- O 32097 L Shoemaker ONLINE 3.00

NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.
RLST 091  REAL ESTATE PRACTICE
Advisory: RLST 090. Real Estate Practice is an overview of the operational methods of a real estate business and the procedures used in a typical real estate transaction. The course covers the day-to-day operations of a real estate office, with an emphasis on topics such as listings, purchase and sale agreements, advertising, financing, escrows, taxation, and appraisal. This course summarizes information required for the State of California real estate license examinations. This course is required for a Real Estate Salesperson's license and for a Real Estate Broker's license. Pass/No Pass Option. Transfer: CSU
O 30514  A Hatter  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

RLST 093A  LEGAL ASPECTS OF REAL ESTATE I
This is a fundamental real estate law course covering the basic understanding, background, and terminology necessary for advanced study in specialized real estate courses. This course is designed for students with little or no training or experience in real estate law. The purpose of the course is to introduce students to legal issues that arise in real estate and to enable students to identify, interpret, and solve fundamental legal problems inherent in real estate transactions and in the real estate profession. This course summarizes information required for the State of California real estate license examinations. This course also applies towards the educational requirements for a California Real Estate Broker's license, and can also be applied as an elective for the Real Estate Salesperson's license requirements. Pass/No Pass Option. Transfer: CSU
N 30515  M  6:00PM - 10:00PM L Shoemaker  CHE 123  3.00

RLST 094C  REAL ESTATE APPRAISAL PRINCIPLES AND PROCEDURES
Advisory: RLST 090. This introductory real estate appraisal course meets both California Office of Real Estate Appraisers (OREA) and California Bureau of Real Estate (BRE) educational requirements. This course satisfies the OREA Basic Appraisal Principles requirement with 30 hours of principles and 15 hours of procedures instruction. This course also applies to the educational requirements for the California BRE real estate broker's and real estate salesperson's license. With a focus on single-family residential property, students have an opportunity to learn the basic appraisal principles and influences in real estate valuation. Students also have an opportunity to learn the skills for gathering information to form an opinion based on reasoned judgment of the value of real estate. Pass/No Pass Option. Transfer: CSU
O 30516  M Boxberger  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

RLST 098A  REAL ESTATE INVESTMENT I
Advisory: RLST 090. This course is designed to acquaint the real estate student with the specific advantages and disadvantages of the various types of real estate investments including multifresidential, commercial, industrial, professional, recreational, condominiums and special property purposes. This class addresses the effects of inflation, depreciation, taxes, tax-deferred exchanges, real estate cycles, growth patterns, risk and liquidity on the total real estate investment. Students also study the advantages and disadvantages of investments in related fields of real estate investments including syndications, limited partnerships, the use of leverage, and creative financing such as all inclusive deeds of trusts in maximizing the real estate investment returns. This course applies toward the educational requirements of the California Real Estate Broker's License examination and can also be applied as an elective for the Real Estate Salesperson License requirements. Pass/No Pass Option. Transfer: CSU
O 30517  M Angles  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

RLST 099  PROPERTY MANAGEMENT
Advisory: RLST 090. This course covers the successful techniques and practices in the management of income property including acquisition, analysis, legal considerations, marketing techniques, maintenance, records and insurance. This course summarizes information required for the State of California real estate license examinations; however, considerable outside study for the state exam may be required. This course also applies towards the educational requirements of the California Real Estate Broker's license examination and can also be applied as an elective for the Real Estate Salesperson license requirements. Pass/No Pass Option. Transfer: CSU
O 30518  M Angles  ONLINE  3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

SIGN LANGUAGE
see American Sign Language

SOCIAL JUSTICE STUDIES
see Women and Gender Studies

SOCI 001  INTRODUCTION TO SOCIOLOGY
The field of sociology as a contemporary scientific discipline with emphases on global studies, cross-cultural analysis, and American cultural diversity in terms of cultural heritage & national origin, race/color/ethnicity, social class, gender/sexuality/women's studies, family structure, age, ability, religion, language, and sensitivity to all other forms of social and cultural diversity (and related "isms"). Pass/No Pass Option. Transfer: CSU/UC

SECTION #30295 BEGINS 03/09/20 CLASS ENDS 05/07/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.
O 30292  MW  2:05PM - 3:30PM T DeDen  LASS 22  3.00
O 30293  MW  10:55AM - 12:20PM J Ho  LASS 22  3.00
O 30296  TTh  10:55AM - 12:20PM A Castillo  LASS 22  3.00
O 30291  TTh  12:30PM - 1:55PM T DeHaan  LASS 22  3.00
O 30295  MW  10:55AM - 12:20PM T DeDen  ONLINE  3.00

SECTION #30286 BEGINS 01/22/20 CLASS ENDS 03/19/20
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.
O 30286  MW  10:55AM - 12:20PM J Ho  ONLINE  3.00

SECTION #32070 BEGINS 01/25/20 CLASS ENDS 03/19/20
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.
O 30270  M McNamara  ONLINE  3.00

SECTION #30293 BEGINS 03/09/20 CLASS ENDS 05/07/20
NOTE: This is a LATE START course. This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.
O 30293  MW  10:55AM - 12:20PM T DeDen  ONLINE  3.00
### Recommended Preparations in Basic Skills:

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

### SOCIOLOGY OF RACE AND ETHNICITY

This sociology course analyzes race, ethnicity, and racism empirically -- addressing global dynamics, cross-cultural comparisons, and U.S. minorities. Satisfies 3-unit Intercultural Studies requirement. Pass/No Pass Option. Transfer: CSU/UC

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<tr>
<th>Course Code</th>
<th>Instructor</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
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<td>30201</td>
<td>J Ho</td>
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<td>Pass/No Pass Option. Transfer: CSU/UC</td>
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### SPANISH

#### SPAN 001A BEGINNING SPANISH

This course introduces the fundamentals of Spanish grammar, vocabulary and pronunciation to communicate about topics of everyday life. Emphasis is placed on communication and cultural relevancy. The student has the opportunity to study various aspects of the culture of the Spanish speaking world. Pass/No Pass Option. Transfer: CSU/UC

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### SPANISH

#### SPAN 002A INTERMEDIATE SPANISH

Prerequisite: SPAN 001A. This course continues the development of basic skills for communication in Spanish - listening, speaking, reading, writing - and offers further exploration of the cultures of the Spanish-speaking world that was begun in Spanish 001A. Students have the opportunity to approach more complex grammar and communicative functions, such as narrating an event in the past, expressing one’s opinions using subjunctive, and giving formal and informal commands. Pass/No Pass Option. Transfer: CSU/UC

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<td>Pass/No Pass Option. Transfer: CSU/UC</td>
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### SPANISH

#### SPAN 003A ADVANCED SPANISH ORAL AND WRITTEN COMPOSITION

Prerequisite: SPAN 003B or its equivalent. Development of reading and writing proficiency. Pass/No Pass Option. Transfer: CSU/UC

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### SPANISH

#### SPAN 040 MARRIAGE AND FAMILY SOCIOLOGY

Empirical sociological analysis of family with emphases on trends, gender, global/cross-cultural perspectives, and science literacy. Transfer: CSU/UC

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### SOCIOLOGY OF HUMAN SEXUALITY

Sexual attitudes and behavior in a world of groups and societies as studied from the sociological perspective as it interplays with psychological, biological/evolutionary, historical, technological, and other influences. Transfer: CSU/UC

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### SPANISH

#### SPAN 002B INTERMEDIATE SPANISH

Prerequisite: SPAN 001A, or its equivalent. Review and analysis of the grammatical structures of the language and culture. The course focuses on listening and speaking. Pass/No Pass Option. Transfer: CSU/UC

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### SPANISH

#### SPAN 003B ADVANCED SPANISH ORAL AND WRITTEN COMPOSITION

Prerequisite: SPAN 003A, or its equivalent. This course centers on the intensive use of the Spanish language to further the oral and written proficiency. Students have an opportunity to enhance their knowledge of Spanish grammar and develop idiomatic expression while emphasizing written and oral composition. The course includes an analysis of short works of Hispanic literature - and offers further exploration of the cultures of the Spanish-speaking world that was begun in Spanish 001A. Students have the opportunity to approach more complex grammar and communicative functions, such as narrating an event in the past, expressing one’s opinions using subjunctive, and giving formal and informal commands. Pass/No Pass Option. Transfer: CSU/UC

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### SPANISH

#### SPAN 001A BEGINNING SPANISH

This course introduces the fundamentals of Spanish grammar, vocabulary and pronunciation to communicate about topics of everyday life. Emphasis is placed on communication and cultural relevancy. The student has the opportunity to study various aspects of the culture of the Spanish speaking world. Pass/No Pass Option. Transfer: CSU/UC

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### SPANISH

#### SPAN 002A INTERMEDIATE SPANISH

Prerequisite: SPAN 001A. This course continues the development of basic skills for communication in Spanish - listening, speaking, reading, writing - and offers further exploration of the cultures of the Spanish-speaking world that was begun in Spanish 001A. Students have the opportunity to approach more complex grammar and communicative functions, such as narrating an event in the past, expressing one’s opinions using subjunctive, and giving formal and informal commands. Pass/No Pass Option. Transfer: CSU/UC

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<td>30203</td>
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<td>MW</td>
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<td>3.00</td>
<td>Pass/No Pass Option. Transfer: CSU/UC</td>
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</tbody>
</table>

### SPANISH

#### SPAN 003A ADVANCED SPANISH ORAL AND WRITTEN COMPOSITION

Prerequisite: SPAN 003B or its equivalent. Development of reading and writing proficiency. Pass/No Pass Option. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Instructor</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
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<td>Pass/No Pass Option. Transfer: CSU/UC</td>
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<td>3.00</td>
<td>Pass/No Pass Option. Transfer: CSU/UC</td>
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</table>
SPAN 011A  SPANISH LABORATORY
Advisory: SPAN 001A. This is a laboratory course designed to give students the opportunity to improve and reinforce their Spanish language skills. The focus is on speaking and listening. The course reviews basic language skills, such as introducing one’s self, describing daily life activities, and exchanging information about pastimes. It explores the cultures of the Spanish speaking world using language computer programs, and a variety of other technologies, media, Internet resources, and films. This course is recommended for students enrolled in Spanish 1A to further enhance 1A course material, but it may be taken independently. Pass/No Pass Option. Transfer: CSU
O 30603 M Outeirino-Feijoo ONLINE 0.50
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

SPAN 011B  SPANISH LABORATORY
Advisory: SPAN 001B. This is a laboratory course designed as a continuation of Spanish 11A. It allows students the opportunity to learn and perform complex language skills, such as giving formal and informal polite commands, making suggestions, formulating hypotheses, and narrating events in the past. Students have the opportunity to enrich their knowledge of the culture of South American Spanish speaking countries through the study of movies, literature texts, and newspaper articles, using a variety of technologies, media, Internet resources and films. This course is recommended for students enrolled in Spanish 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. Transfer: CSU
O 30604 M Outeirino-Feijoo ONLINE 0.50
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

SPAN 050A  BASIC SPANISH CONVERSATION AND CULTURE I
Designed for those desiring a basic, practical conversational approach to learning a language, this course emphasizes conversation and vocabulary-building with a minimum of grammar. A variety of classroom activities give students the opportunity to use the language while studying it. Cultural topics center on everyday life in Spanish-speaking countries today (food, customs and traditions, the family, etc.). Pass/No Pass Option. Transfer: CSU/UC
30605 F 9:20AM - 12:30PM M Outeirino-Feijoo LASS 35 3.00

SPAN 050B  BASIC SPANISH CONVERSATION AND CULTURE II
Prerequisite: SPAN 050A. Advisory: SPAN 001A. 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. Transfer: CSU/UC
30606 F 9:20AM - 12:30PM M Outeirino-Feijoo LASS 35 3.00

SPAN 051A  INTERMEDIATE SPANISH CONVERSATION AND CULTURE I
Prerequisite: SPAN 050B. Advisory: SPAN 001B. Students in this course have the opportunity to enhance their ability to express themselves orally in Spanish. The course offers a combination of grammar, vocabulary, and culture. It offers reinforcement of basic grammar topics such as past tenses, direct and indirect pronouns among others. Vocabulary covers different areas of daily life. Students have the opportunity to participate in a variety of activities which allows them to use their Spanish while furthering their knowledge of the customs and culture of Spanish-speaking countries. Pass/No Pass Option. Transfer: CSU/UC
32218 F 9:20AM - 12:30PM M Outeirino-Feijoo LASS 35 3.00

SPAN 051B  INTERMEDIATE SPANISH CONVERSATION AND CULTURE II
Prerequisite: SPAN 051A. Advisory: SPAN 001B. 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. Transfer: CSU/UC
32220 F 9:20AM - 12:30PM M Outeirino-Feijoo LASS 35 3.00

SPAN 070A  SPANISH FOR MEDICAL PROFESSIONALS - BEGINNERS
Advisory: SPAN 001A or understanding of basic Spanish. This course is intended for students interested in working in the medical field utilizing the Spanish language. This course provides students the opportunity to use basic Spanish grammar and vocabulary related to the medical working environment. Topics include getting to know the patient, gathering medical history, identifying vocabulary for major illnesses, and body parts. This course offers a wide range of medical and cultural topics related to the Hispanic community such as Hispanics and AIDS, home remedies, and cultural differences in emergency response request. Pass/No Pass Option. Transfer: CSU
N 31640 Th 6:00PM - 9:10PM Staff LASS 35 3.00

SPAN 070B  SPANISH FOR MEDICAL PROFESSIONALS - INTERMEDIATE
Advisory: SPAN 070A. This course is the second course in a series of two and is intended for students who are interested in the medical field utilizing the Spanish language. In this advanced course, students are provided the opportunity to expand their medical terminology and grammar. Students 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. Transfer: CSU
N 31641 Th 6:00PM - 9:10PM Staff LASS 35 3.00

THEATRE ARTS

THEA 005A  INTRODUCTION TO FILM/VIDEO PRODUCTION
This course provides an introduction to the basic elements and terminology of film production. Cinematic technique, production best practices, and the duties of the filmmaking team are discussed and demonstrated. Transfer: CSU/UC
31668 M 12:30PM - 3:40PM W Clay TA 28 3.00

THEA 006A  WRITING FOR FILM AND TELEVISION
Advisory: Eligible for ENGL 001A. This is an introductory course in script writing for film and television designed to provide students with the skills needed to write various length TV/Film scripts, commercials, and narrative and educational screenplays. Transfer: CSU/UC
30739 TTh 10:55AM - 12:20PM W Clay FOX 106 3.00

THEA 007A  ACTING FOR FILM AND TELEVISION
Advisory: THEA 040A. This course is an introduction to the technique of acting in front of a camera. It includes participation in film acting projects and television production. Students also have the opportunity to learn the terminology of the TV/Film Studio. Pass/No Pass Option. Transfer: CSU/UC
30745 MW 2:05PM - 3:30PM W Springfield TV STUD 3.00

THEA 007B  ACTING FOR FILM AND TELEVISION II
Prerequisite: THEA 007A. Advisory: THEA 040A. This is a follow-up course to Theater 007A. Students will have the opportunity to work on in-depth character studies and longer form video projects as well as learn professional behavior and production best practices. Pass/No Pass Option. Transfer: CSU/UC
30751 MW 12:30PM - 1:55PM W Springfield TV STUD 3.00
THEA 010 INTRODUCTION TO THEATER
This course is an introduction to the world of theater. This introduction includes
dramatic literature, technical theater, theater history, production techniques
and the critical evaluation of productions. Transfer: CSU/UC
30752 MW 10:55AM - 12:20PM S Dahl TA 28 3.00
31676 TTh 9:20AM - 10:45AM S Dahl TA 28 3.00
O 30754 E Dale ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas; link to Canvas from the top of the
WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and
instructor contact information.
O 32240 SECTION #32240 BEGINS 03/25/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only
ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the
WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and
instructor contact information.

THEA 014A SURVEY OF FILM: HORROR AND SCIENCE FICTION
Survey of Film is an introductory film course in which primary focus is placed
on the cinematic development of genre classics in Horror and Science Fiction.
Critical analysis from an audience perspective includes readings, lectures and
discussions covering conventions, history, evolution, terminology, and tech-
nique. Pass/No Pass Option. Transfer: CSU/UC
32241 M 12:30PM - 3:40PM B De Les Dernier FOX 120 3.00
30763 T 6:00PM - 9:10PM E Rufeisen FOX 120 3.00
O 30761 J Allen ONLINE 3.00
SECTION #30761 BEGINS 03/25/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only
ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the
WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and
instructor contact information.
O 31773 E Rufeisen ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas
(https://web.wvm.edu/canvas); link to Canvas from the top of the
WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and
instructor contact information.

THEA 014B SURVEY OF FILM: WESTERNS AND MUSICALS
Survey of Film is an introductory film course in which primary focus is placed
on the cinematic development of genre classics in Westerns and Musicals.
Critical analysis from an audience perspective includes readings, lectures and
discussions covering conventions, history, evolution, terminology, and tech-
nique. Pass/No Pass Option. Transfer: CSU/UC
30764 T 9:20AM - 12:30PM B De Les Dernier FOX 107 3.00
O 31472 J Allen ONLINE 3.00
SECTION #31472 BEGINS 03/25/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only
ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the
WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and
instructor contact information.

THEA 014C SURVEY OF FILM: GANGSTER AND DETECTIVE FILMS
Survey of film is an introductory film course in which primary focus is placed
on the cinematic development of gangster and detective films. Critical analy-
sis from an audience perspective includes readings, lectures, and discussions
covering genre conventions, history, evolution, terminology, and technique.
Pass/No Pass Option. Transfer: CSU/UC
32242 T 12:30PM - 3:40PM B De Les Dernier FOX 120 3.00
30767 Th 12:30PM - 3:40PM W Clay FOX 120 3.00
O 31774 E Rufeisen ONLINE 3.00
SECTION #31774 BEGINS 03/25/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only
ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the
WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and
instructor contact information.
O 30766 J Allen ONLINE 3.00
NOTE: This section meets only ONLINE using Canvas
(https://web.wvm.edu/canvas); link to Canvas from the top of the
WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and
instructor contact information.

THEA 015 INTRODUCTION TO FILM STUDIES
This course introduces the close analysis of film and television texts. Also it
examines the broad questions of form and content, aesthetics and mean-
ing, and history and culture. The course explores the diverse possibilities pre-
sented by the cinematic art form through an examination of a wide variety of
national cinemas, and film movements. Topics covered include
modes of production, narrative forms, visual design, editing, sound, genre,
ideology and critical analysis. Transfer: CSU/UC
31471 T 12:30PM - 3:40PM W Clay FOX 106 3.00
O 30769 E Dale ONLINE 3.00
SECTION #30769 BEGINS 03/25/20 CLASS ENDS 05/22/20
NOTE: This is a LATE START course. This section meets only
ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the
WVC homepage. Go to https://www.westvalley.edu/classes/online.html for class and
instructor contact information.

THEA 018A INTRODUCTION TO STAGE LIGHTING
This is an introductory course in the theory, methods and application of stage
lighting. It also serves as an introduction to the practical work in the lighting of
staged productions. Transfer: CSU/UC
31669 MW 12:30PM - 1:55PM H Kenyon TA 26 3.00

THEA 020C STUDIO THEATER PRODUCTION WORKSHOP: CLASSICAL GREEK & EUROPEAN
Prerequisite: Audition/Interview Required. This course provides the analysis
and dramatization of acting techniques necessary for performance of Classical
Greek & European Theater. This course provides the student an oppor-
tunity to perform in a small, studio-style theater. Blocking choices and vocal
projection are key elements for study in the course. Students have the oppor-
tunity to participate in rehearsals and regularly scheduled performances of
plays and musicals. Admission to the course requires an audition. Transfer:
CSU/UC
W 32235 Th/F 6:10PM - 10:00PM V Drake TA 26 3.00
SECTION #32235 BEGINS 02/06/20 CLASS ENDS 05/14/20
NOTE: This is a LATE START course.
THEA 021A  PRACTICAL THEATER (SCENE & STAGE) I
This entry-level course gives students the opportunity to gain practical experience in the application of production responsibilities in any of the following: stage management, house management, construction, scenery, properties, lighting, sound, and running crews. Transfer: CSU/UC
32802 TTh 3:45PM - 5:35PM S Dahl TA 27 1.00
SECTION #32802 BEGINS 02/04/20 CLASS ENDS 05/05/20
NOTE: This is a LATE START course.

THEA 022A  PRACTICAL THEATER (COSTUME & MAKEUP) I
This entry-level course gives students the opportunity to gain practical experience in the application of production responsibilities in costume construction, costume maintenance and make-up application. Transfer: CSU/UC
32239 MW 3:45PM - 5:35PM C Fischer TA 42 1.00
SECTION #32239 BEGINS 02/03/20 CLASS ENDS 05/13/20
NOTE: This is a LATE START course.

THEA 026A  IMPROVISATIONAL THEATER WORKSHOP
This course explores methods and techniques used to develop spontaneous performance skills in the actor. The types of improvisation covered are the following: partner games, team building, short and long form improv and theatrical sports. This course culminates in a final class performance open to the public. Pass/No Pass Option.
31770 MW 2:05PM - 3:30PM L Lowry TA 26 3.00

THEA 040A  ACTING ONE
This course provides an introduction to acting with emphasis on one’s personal connection to character and scene. Pass/No Pass Option. Transfer: CSU/UC
32310 TTh 9:20AM - 10:45AM L Lowry TA 26 3.00
32317 TTh 12:30PM - 1:55PM R Aronson TA 26 3.00

THEA 040B  ACTING TWO
Prerequisite: THEA 040A. This course focuses on the externals an actor uses to create a role. There is continued training in acting skills introduced in THEA 040A with detailed script and character analysis. The course also introduces auditioning and improvisational skills. Pass/No Pass Option. Transfer: CSU/UC
32309 MW 10:55AM - 12:20PML Lowry TA 26 3.00

THEA 040C  ACTING THREE
Prerequisite: THEA 040B. This course provides advanced scene study through detailed work on character and scene analysis, acting theory and technique. Pass/No Pass Option. Transfer: CSU/UC
32311 TTh 10:55AM - 12:20PMLowry TA 26 3.00

THEA 045B  STAGECRAFT
This course serves as an introduction to the theory and practical application of theatrical scenery. Students are exposed to safe operation and handling of tools used in the construction, painting, assembly, and deconstruction of sets used in departmental productions. The course also serves as an introduction to set design including the generation of working drawings and scale models. Transfer: CSU/UC
31772 TTh 2:05PM - 3:30PM S Dahl TA 27 3.00

THEA 047A  FUNDAMENTALS OF COSTUME DESIGN
Introduction to techniques and procedures used by costume designers in theatre and film. Transfer: CSU/UC
30777 TTh 10:55AM - 12:20PMA Zsadany-Yale TA 42 3.00

THEA 070D  MAINSTAGE THEATER PRODUCTION WORKSHOP: MUSICAL AND CHILDREN’S THEATER
This course provides the analysis and dramatization of acting techniques necessary for performance of Musical and Children’s Theater. This course provides the student an opportunity to perform in a large proscenium style theater. Blocking choices and vocal projection are key elements for study in the course. Students have the opportunity to participate in rehearsals and regularly scheduled performances of plays and musicals. Admission to the course requires an audition. Transfer: CSU/UC
W 32236 TThFS 6:10PM - 10:00PM A Zsadany-Yale TA 26 3.00
SECTION #32236 BEGINS 02/06/20 CLASS ENDS 05/14/20
NOTE: This is a LATE START course.

TUTORING AND TUTOR TRAINING

ISTU 040  TUTOR TRAINING
This course focuses on successful peer tutoring practices and developing professional skills. Topics include communication styles and skills, the tutoring process and cycle, differentiated learning strategies various learner types, problem-solving and study skills, tutoring ethics and guidelines, addressing the needs of diverse student populations, and student support services. Students who successfully complete the course can apply to be hired as peer tutors; however, course completion does not guarantee employment. Pass Only. Transfer: CSU
31500 F 10:00AM - 11:30AM J Wagner CAWLAB 0.50
SECTION #31500 BEGINS 02/21/20 CLASS ENDS 03/20/20

ISTU 040E  TUTOR TRAINING-ENGLISH
Prerequisite: ISTU 040 or Corequisite: 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 Only.
32713 F 12:00PM - 1:30PM J Wagner CAWLAB 0.50
SECTION #32713 BEGINS 02/21/20 CLASS ENDS 03/20/20

LSRV 110  SUPERVISED TUTORING
Corequisite: Student must be enrolled in the class in which tutoring is sought. Students will be assigned to tutoring by a counselor or instructor based on an identified learning need and will register in the tutoring course. Under direction of a certificated supervisor in the Tutorial Lab, students will receive tutorial assistance from peer tutors in areas of identified academic need and appropriate study skills to develop their ability to learn independently and become a more successful student.
32224 J Wagner LIB TU 0.00
NOTE: Section 32224 is for Non-athletes only. Please register in person at the Success Center.
31978 J Wagner LIB TU 0.00
NOTE: Section 31978 is for Title 5 qualified courses and for Non-Athlete students only. Please register in person at the Success Center.
32225 J Wagner LIB TU 0.00
NOTE: Section 32225 is for Athletics only. Please register in person at the Success Center.

LSRV 110M  SUPERVISED TUTORING - MATH
Corequisite: Student must be enrolled in the class in which tutoring is sought. Students will be assigned to tutoring by a counselor or instructor based on an identified learning need and will register in the tutoring course. Under direction of a certificated supervisor in the Tutorial Lab, students will receive tutorial assistance from peer tutors in areas of identified academic need and appropriate study skills to develop their ability to learn independently and become a more successful student.
31980 A Butcher SM 5 0.00
NOTE: Section 31980 is for Title 5 qualified courses only. Other students should register in other sections of LSRV 110M.
31993 A Butcher SM 5 0.00
NOTE: Section 31993 is for non-Title 5 qualified courses only. Other students should register in other sections of LSRV 110M.

• PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
• Course used to meet prerequisite requirements must have been completed with a grade of "C" credit or better.
• ADVISORY is a recommended preparation, not a REQUIREMENT.
• IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
CLASS INFORMATION — Spring 2020

WOMEN, GENDER AND QUEER STUDIES

WGQS 001 INTRODUCTION TO WOMEN'S STUDIES
This course introduces students to the study of women and gender, from an intersectional perspective. The course provides an overview of the "waves" of women's rights movements in U.S. history and debates about women’s roles in society. With this grounding in a variety of feminist discourses, students have the opportunity to explore contemporary women's rights issues in both local and global contexts. Topics include: the social construction of gender, race, class, sexualities, and disabilities in different cultures; women's sexualities and gender identities; health and reproductive issues; family structures; violence against women; the economics of women's labor, paid and unpaid; education, political activism and social justice. All genders are equally welcome in this course. Pass/No Pass Option. Transfer: CSU/UC

SECTION #32139 BEGINS 02/04/20 CLASS ENDS 05/07/20
32139 MW 10:55AM - 12:20PML Burrill LASS 41 3.00
NOTE: This section has a Women, Gender, Queer & Social Justice Studies focus.

WGQS 002 WOMEN IN THE ARTS: MULTICULTURAL PERSPECTIVES
This course introduces students to the study of women's creative work in literature, the visual arts, and the performing arts, and feminist art. The course presents an overview of new theories and methods of scholarship, including the use of gender, race, culture, and class as lenses of analysis. Students have opportunities to examine how this new scholarship is changing appraisals of women’s contributions to the arts. Pass/No Pass Option. Transfer: CSU/UC

SECTION #30489 TTh 9:20AM - 10:45AM R Cisneros-Diaz LASS 41 3.00

WGQS 003 INTRODUCTION TO GENDER AND QUEER STUDIES
This course introduces concepts and research in the fields of Gender and Queer Studies. Students have the opportunity to conceptualize gender and sexuality as fluid and using an intersectional, social justice-focused approach to identity, study gender and queer theory, and examine cultural norms and social expectations about behavior associated with various sex and gender categories from a variety of societies and historical periods. The course presents cross-cultural and historical perspectives on a continuum of sex and gender identities and sexualities, with a focus on LGBTQ+ identities and their social construction over time. Students analyze legal and social issues in contexts of sex, gender, sexuality, and other intersectional identity categories such as race, ethnicity, class, ability, age, nation of origin, and documentation, language, and housing status. Pass/No Pass Option. Transfer: CSU/UC

SECTION #30489 TTh 9:20AM - 10:45AM M R Cineros-Diaz LASS 41 3.00

ENGL 001B CRITICAL THINKING THROUGH LITERATURE
Prerequisite: ENGL 001A. This course builds on composition skills developed in English 001A by introducing students to critical thinking and the analysis of literature, specifically fiction, poetry, and drama. Students have the opportunity to practice a variety of writing techniques, interpretive strategies, and research skills. Transfer: CSU/UC

SECTION #30378 BEGINS 02/04/20 CLASS ENDS 05/08/20
30378 MW 9:20AM - 10:35AM D Gray FOX 201 3.00
NOTE: This section of English 1B focuses on Women and Gender Studies and contemporary Latinx literature.

SECTION #30399 BEGINS 02/04/20 CLASS ENDS 05/08/20
30399 MW 9:25AM - 12:20PM D Gray FOX 201 3.00
NOTE: This section of English 1B focuses on Women and Gender Studies and contemporary Latinx literature.

ENGL 043 CLASSICAL MYTHOLOGY
Advisory: ENGL 001A. An examination of the major myths of our western heritage, consideration of the subsequent treatment through the centuries of these myths in various literary genres. Pass/No Pass Option. Transfer: CSU/UC

SECTION #32139 BEGINS 02/04/20 CLASS ENDS 05/08/20
32139 MW 10:55AM - 12:20PML Burrill LASS 41 3.00
NOTE: This section has a Women, Gender, Queer & Social Justice Studies focus.

ENGL 043H HONORS CLASSICAL MYTHOLOGY
Advisory: ENGL 001A. Honors Classical Mythology uses the pedagogical methods common to all Honors courses: interdisciplinary, writing-intensive, collaborative, and experiential instruction. Course content makes connection through a common theme with other courses offered within the specified transdisciplinary unit. Using translations of epic, poetic, and dramatic texts of classical writers and philosophers, this course examines the meaning and function of myth in the literature of Ancient Greece and Rome as well as its recurrence and significance in modern works. Transfer: CSU/UC

SECTION #32140 BEGINS 02/04/20 CLASS ENDS 05/08/20
32140 MW 10:55AM - 12:20PML Burrill LASS 41 3.00
NOTE: You must be an Honors student to register for this course. For more information about joining the Honors program, please go to: westvalley.edu/honors. This section has a Women, Gender, Queer & Social Justice Studies focus.

PSYC 009 PSYCHOLOGY OF WOMEN: A MULTICULTURAL PERSPECTIVE
Advisory: PSYC 001. 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. Transfer: CSU/UC

SECTION #30232 BEGINS 02/04/20 CLASS ENDS 05/07/20
30232 MW 10:55AM - 12:20PML Burrill LASS 41 3.00
NOTE: This section meets only ONLINE using Canvas (https://web.wvm.edu/canvas); link to Canvas from the top of the WVC homepage. There are (3) MANDATORY ONLINE EXAMS on THURSDAY EVENINGS from 7:00pm-8:30pm, please see instructor's website. Go to https://www.westvalley.edu/classes/online.html for class and instructor contact information.

WORK EXPERIENCE

Work Experience is a course like any other, but your job is your classroom. Students meet with a Faculty Advisor and create "Learning Objectives" - skills to learn at the workplace.

Spring 2020 Work Experience Orientations
These orientations are NOT for CHST 302 or HTC 302
No need to sign up for one of the orientations listed below, just come at the start time with the address of where you are employed and the first and last name of your work supervisor and the supervisor's phone number.

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<th>Room</th>
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<td>Mon</td>
<td>1/27/20</td>
<td>11:30 am to 12:15 pm</td>
<td>CIL 102</td>
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<td>Tues</td>
<td>1/28/20</td>
<td>1:00 pm to 1:45 pm</td>
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<td>Wed</td>
<td>1/29/20</td>
<td>1:45 pm to 2:30 pm</td>
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<td>Wed</td>
<td>2/5/20</td>
<td>10:45 am to 11:30 am</td>
<td>CIL 102</td>
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<tr>
<td>Thurs</td>
<td>2/6/20</td>
<td>12:45 pm to 1:30 pm</td>
<td>CIL 102</td>
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<tr>
<td>Thurs</td>
<td>2/6/20</td>
<td>5:30 pm to 6:15 pm</td>
<td>CIL102</td>
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</tbody>
</table>
CONTINUING EDUCATION COURSES

NOTE: The courses below are free, noncredit courses.
Site locations to nonolder adult classes are found on the School of Continuing Education's website.
https://www.westvalley.edu/schools/continuing-education/

<table>
<thead>
<tr>
<th>Noncredit Off-Campus Locations</th>
<th>Schedule Abbreviation</th>
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</thead>
<tbody>
<tr>
<td>Campbell Community Center</td>
<td>CMPB</td>
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<tr>
<td>Campbell Adult and Community Education</td>
<td>CACE</td>
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<tr>
<td>Our Lady of Guadalupe Church</td>
<td>OLGC</td>
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<tr>
<td>PARS Equality Center</td>
<td>PARS</td>
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<tr>
<td>Santa Maria Urban Ministry</td>
<td>SMUM</td>
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<tr>
<td>Santa Clara Adult School</td>
<td>SCAS</td>
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NCAD 101 STAY FIT
Everyday movement as we age enables us to stay fit. This course is designed to enhance overall conditioning by incorporating a variety of functional exercises that increase the ability to successfully navigate daily activities.

NCAD 102 BALANCE AWARENESS
This balance course addresses the importance of maintaining a high level of balance and mobility especially as we age. A good foundation of balance is essential to performing basic activities of daily living and being able to enjoy an active and healthy lifestyle.

NCAD 110A BASIC LIFE SKILLS
This course provides instruction in basic cross-cultural skills for immigrants and their families. Lessons include vocabulary and concepts related to home, family and daily survival skills. Students improve their cultural adaptation to the new cultural environment.

NCAD 110B INTERMEDIATE LIFE SKILLS
This course provides instruction in low intermediate cross-cultural skills for immigrants and their families. Lessons include vocabulary, concepts and authentic task-based activities related to daily survival skills, and civic operations such as the post office, hospital and bank. Students further improve their cultural adaptation to the new cultural environment.

- PREREQUISITES and COREQUISITES are Mandatory. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.
- Courses used to meet prerequisite requirements must have been completed with a grade of “C” credit or better.
- ADVISORY is a recommended preparation, not a REQUIREMENT.
- IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
### Recommended Preparations in Basic Skills:
Courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.

### NCAD 114 CITIZENSHIP
This is an intermediate level class designed to help resident aliens prepare for their citizenship exam. Students practice how to write simple sentences, become better informed community members.

### NCAD 140 FORUM ON LOCAL AND GLOBAL TOPICS
This non-credit course expands the students' knowledge of economic, social, governmental, historic, geographic and cultural issues. Students also expand communication skills as they expand knowledge of world, national and local issues and become better informed community members.
H=HYBRID CLASS  N=ONLINE CLASS  O=ONLINE CLASS  W=WEEKEND CLASS

**CLASS INFORMATION — Spring 2020**

31875 W  1:15PM - 2:35PM  E Hegstrom  ALMAWV 0.00  SECTION #31875 BEGINS 01/29/20 CLASS ENDS 05/13/20

31876 W  12:15PM - 1:35PM  J Molkers  PRIN 0.00  SECTION #31876 BEGINS 01/29/20 CLASS ENDS 05/13/20

31865 W  3:30PM - 4:50PM  L Heart  WOO1 0.00  SECTION #31865 BEGINS 01/29/20 CLASS ENDS 05/13/20

31923 Th  9:30AM - 10:50AM  G Walton  CAMDWV 0.00  SECTION #31923 BEGINS 01/30/20 CLASS ENDS 05/14/20

31866 Th  9:30AM - 10:50AM  L Heart  SAR6WV 0.00  SECTION #31866 BEGINS 01/29/20 CLASS ENDS 05/13/20

32798 Th  10:00AM - 11:30AM  C Teerlink  PLUM 0.00  SECTION #31911 BEGINS 01/30/20 CLASS ENDS 04/30/20

31905 Th  10:30AM - 11:50AM  E Hegstrom  PAL1WV 0.00  SECTION #31905 BEGINS 01/30/20 CLASS ENDS 05/14/20

31925 Th  1:00PM - 2:20PM  G Walton  VLAW 0.00  SECTION #31925 BEGINS 01/30/20 CLASS ENDS 05/14/20

31867 Th  1:00PM - 2:20PM  L Heart  LV2 0.00  SECTION #31867 BEGINS 01/30/20 CLASS ENDS 05/14/20

31907 Th  2:00PM - 3:20PM  E Hegstrom  WOO1 0.00  SECTION #31907 BEGINS 01/30/20 CLASS ENDS 05/14/20

31926 J  9:00AM - 10:25AM  G Walton  SCSL 0.00  SECTION #31926 BEGINS 01/31/20 CLASS ENDS 05/15/20

31908 F  10:15AM - 11:40AM  E Hegstrom  MIS1WV 0.00  SECTION #31908 BEGINS 01/31/20 CLASS ENDS 05/15/20

31909 J  1:15PM - 2:40PM  E Hegstrom  CEDA 0.00  SECTION #31909 BEGINS 01/31/20 CLASS ENDS 05/15/20

W 32770 S  9:30AM - 10:50M  M Gladen  SANTWV 0.00  SECTION #32770 BEGINS 1/25/20 AND CLASS ENDS 5/16/20

31927 Su  9:30AM - 10:55AM  G Walton  CAMDWV 0.00  SECTION #31927 BEGINS 1/26/20 AND CLASS ENDS 5/10/20

31929 Su  1:00PM - 2:25PM  G Walton  VLAW 0.00  SECTION BEGIN 1/26/20 AND CLASS ENDS 5/10/20

31930 Su  3:00PM - 4:25PM  G Walton  STO1WV 0.00  SECTION BEGIN 1/26/20 AND CLASS ENDS 5/10/20

**NCBM 001 PAYROLL ACCOUNTING AND BOOKKEEPING**

This course covers the foundation required for success in calculating payroll, completing payroll taxes, and preparing payroll records and reports, focusing on practical applications as well as theory. Students have the opportunity to gain firsthand experience to practice concepts with useful, hands-on exercises using relevant, detailed examples and real-life business applications.

N 32499 TTh  6:00PM - 8:15PM  V Chand  CACE 0.00  SECTION #32499 BEGINS 01/28/20 CLASS ENDS 03/19/20

**NCBM 002 FUNDAMENTALS OF ACCOUNTING AND BOOKKEEPING**

This course develops, an understanding of essential bookkeeping functions, analysis of business transactions, understanding debits and credits, and classification of items. Students have the opportunity to develop these skills through various scenarios and complete basic procedures using the general journal and ledger, accounting adjustments, the monthly and annual closing process and preparing financial statements.

N 32596 TTh  6:00PM - 8:15PM  V Chand  CACE 0.00  SECTION #32596 BEGINS 03/24/20 CLASS ENDS 05/21/20

**NCBU 015 THE ENTREPRENEUR MIND**

This course focuses on small business development skills for early-stage entrepreneurs. Topics covered include: finding gaps between ideas and solutions, achieving goals by focusing on what remains to be done and increasing motivation by accelerating accomplishments while avoiding distractions, adapting to constantly changing environments to stay one step ahead of competition, turning setbacks into strengths and learning from failure, building diverse teams and networking minds to solve complicated problems, and fostering collaboration through exchanges of generosity in an ever-transparent business world. This course is intended for those seeking to develop entrepreneurial insights that increase probability of launching successful small businesses.

32592 MW  9:00AM - 10:15AM  J Nguyen  CACE 0.00  SECTION #32592 BEGINS 02/27/20 CLASS ENDS 02/26/20

**PREREQUISITES and COREQUISITES are MANDATORY. If you are blocked from enrolling in a class because you have not met the prerequisite, see the prerequisite section of this schedule.**

Course used to meet prerequisite requirements must have been completed with a grade of "C" credit or better.

ADVISORY is a recommended preparation, not a REQUIREMENT.

IMPORTANT FEE INFORMATION: Enrollment fees for community colleges are set by the state of California.
NCBU 054  SMALL BUSINESS START-UP
Students have the opportunity to learn strategies and tactics necessary for starting and maintaining a small business. This course focuses on small business decision making. Students will actually start versus high-growth firms dependent on venture capital. This course is a continuation of NCBEU1, The Entrepreneur Mind.

32593  MW  9:00AM - 10:15AM J Nguyenly  CACE  0.00
SECTION #32593 BEGINS 03/02/20 CLASS ENDS 04/13/20

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

32594  MW  9:00AM - 10:15AM J Nguyenly  CACE  0.00
SECTION #32594 BEGINS 04/15/20 CLASS ENDS 05/11/20

NCCR 002  STENOGRAPHIC SKILLBUILDING LEVEL 2: 80-140 WPM
Students have the opportunity to learn and apply speed-building techniques through highly-structured instructor-facilitated stenographic machine writing practice tailored to individual skill level. Effective application of deliberate practice components including motivation, pre-existing knowledge, immediate informative feedback, and repetition for skill reinforcement and improvement development is examined. Skills acquired will facilitate efficiency in administrative assistant/secretarial, data entry, and related fields.

32252  MTWTh  12:00PM - 3:00PM Lawson/Van Don/Leurg V 9  0.00
SECTION #32252 BEGINS 02/27/20 CLASS ENDS 04/26/20
NOTE: his class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing.

32253  MTWTh  12:00PM - 3:00PM Lawson/Van Don/Leurg V 9  0.00
SECTION #32253 BEGINS 04/07/20 CLASS ENDS 05/06/20
NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing.

31590  MTWTh  12:00PM - 3:00PM Tchang/Lawson/Vandorn V 9  0.00
SECTION #31590 BEGINS 01/27/20 CLASS ENDS 02/26/20
NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing.

N 32255  MTWTh  5:30PM - 8:30PM Leung/Vandorn FOX 201  0.00
SECTION #32255 BEGINS 01/27/20 CLASS ENDS 02/26/20
NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing.

N 32256  MTWTh  5:30PM - 8:30PM Leung/Vandorn FOX 201  0.00
SECTION #32256 BEGINS 02/27/20 CLASS ENDS 04/14/20
NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing.

N 32257  MTWTh  5:30PM - 8:30PM Leung/Vandorn FOX 201  0.00
SECTION #32257 BEGINS 04/07/20 CLASS ENDS 05/06/20
NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing.

NCCR 003  STENOGRAPHIC SKILLBUILDING LEVEL 3: 160-220 WPM
Students have the opportunity to learn and apply speed-building techniques through highly-structured instructor-facilitated stenographic machine writing practice tailored to individual skill level within the 160-220 word per minute range. Identification and resolution of writing deficiencies will be examined and applied. Overcoming speed plateaus using “deep practice,” “block practice,” and “random practice” techniques will be discussed and applied. Skills acquired will facilitate efficiency in administrative assistant/secretarial, data entry, and related fields.

31591  MTWTh  12:00PM - 3:00PM M Ortiz  V 11  0.00
SECTION #31591 BEGINS 01/27/20 CLASS ENDS 02/26/20
NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing.

32262  MTWTh  12:00PM - 3:00PM M Ortiz  V 11  0.00
SECTION #32262 BEGINS 02/27/20 CLASS ENDS 04/14/20
NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing.

32263  MTWTh  12:00PM - 3:00PM M Ortiz  V 11  0.00
SECTION #32263 BEGINS 04/07/20 CLASS ENDS 05/06/20
NOTE: This class is offered in the synchronous learning modality. Students may attend on campus or using video conferencing.

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

32607  T  7:55AM - 9:10AM S Wong  CIL 136  0.00
SECTION #32607 BEGINS 02/18/20 CLASS ENDS 05/12/20

32608  W  1:15PM - 2:30PM S Wong  FOX 103  0.00
SECTION #32608 BEGINS 02/19/20 CLASS ENDS 05/13/20

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

32603  MW  10:55AM - 12:20PMMD Graham  CIL 136  0.00
SECTION #32603 BEGINS 03/03/20 CLASS ENDS 04/13/20

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

32604  MW  10:55AM - 12:20PMMD Graham  CIL 136  0.00
SECTION #32604 BEGINS 04/15/20 CLASS ENDS 05/18/20

NCMU 152  ORCHESTRA FOR OLDER ADULTS
This non-credit course offers the older adult student the opportunity to explore classical orchestral music and ensemble performance and its place in our culture as well as other cultures. It provides an opportunity for practical application, using diverse media and techniques in the production of musical performances.

N 31593  M  6:00PM - 10:00PM S Seaton  MU 14  0.00
SECTION # 31593 BEGINS 1/27/20 CLASS ENDS ON 5/18/20
NOTE: Class meets regularly M 6:40-10:00pm. Other days and times are scheduled for dress rehearsals and performances.

NCPE 1.30  ADAPTED FITNESS
This adapted fitness course is designed for students with disabilities. Individualized exercise programs are created that focus on overall cardiovascular endurance, strength and flexibility training. The programs address the limitations of the individual's disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

30576  MW  2:05PM - 3:30PM E Barrilleaux  PE 12  0.00
31698  TTh  12:30PM - 1:55PM C Ligocki  PE 12  0.00

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
NCPE 1.31 ADAPTED AEROBIC EXERCISE
This adapted fitness course is designed for students with disabilities. The course provides an opportunity for students to increase their overall cardiovascular endurance. Individualized programs address the limitations of the student’s disability. Emphasis is on encouraging independence through the teaching of lifelong cardiovascular endurance.

30600 MW 9:20AM - 10:45AM E Barrilleaux PE 12 0.00
30601 Th 10:55AM - 12:20PM C Ligocki PE 12 0.00

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

31697 Th 9:20AM - 10:45AM C Ligocki PE 11 0.00

NCPE 1.34 ADAPTED WEIGHT TRAINING
This non-credit adapted weight training course is designed for students with disabilities. Individualized exercise programs are created that focus on basic weight training and strength development principles. The programs address the limitations of the individual’s disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

30602 MW 10:55AM - 12:20PM E Barrilleaux PE 12 0.00

NCPE 1.35 ADAPTED FUNCTIONAL FITNESS
This non-credit adapted fitness course is designed for students with disabilities. Individualized exercise programs are created that focus on the development of core strength, flexibility, and balance. Information is given regarding alternative equipment used for functional training. The programs address the limitations of the individual’s disability. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

32260 MW 12:30PM - 1:55PM E Barrilleaux 0.00
SECTION #32260 BEGINS 01/27/20 CLASS ENDS 03/20/20

NCPE 1.36 ADAPTED WATER MOVEMENT
This non-credit adapted water movement course is designed to meet the needs of students with disabilities. This course focuses on the effects of water resistance and buoyancy on movement patterns in water. Individualized swimming programs and water safety are included. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

32258 MW 12:30PM - 1:55PM E Barrilleaux POOL 0.00
SECTION #32258 BEGINS 03/23/20 CLASS ENDS 05/20/20

NCPE 1.37 ADAPTED GUIDED MOVEMENT
This adapted guided movement course is designed to meet the needs of students with disabilities. This course guides students through a series of exercises using a variety of modalities to enhance proper alignment, balance, coordination, flexibility and strength. Individual modifications are made as needed. The course encourages independence through the teaching of lifelong fitness skills.

32541 MW 7:45AM - 9:10AM C Ligocki PE 12 0.00
DUAL ENROLLMENT

ARTS 055  INTRODUCTION TO COMPUTER ARTS
This course provides students with an opportunity to explore fundamental theories and methods of creating Computer Art and the impact of technology on 20th century art production. It introduces students to digital imaging, digital video/animation and interactive authoring which utilizes hands-on contemporary art strategies. Transfer: CSU/UC

32738  TTh 2:45PM - 5:00PM  S Goetz  BHS 58  3.00
NOTE: This class meets at Branham High School and enrollment is restricted to Campbell Union High School District students only.

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

32186  TTh 2:30PM - 5:00PM  T Meng  LHS 31  5.00
NOTE: This class meets at Leigh High School and enrollment is restricted to Campbell Union High School District students only.

BUSN 028  BUSINESS LAW
This course provides an introduction to law relating to the conduct of business, the meaning and sources of law, organization of courts and court procedures, and fundamental principles of the law of contracts and agency. A fundamental understanding of common law principles is achieved by analyzing selected cases and court decisions. Pass/No Pass Option. Transfer: CSU/UC

32155  TTh 3:00PM - 4:25PM  J Daire  WHS 31  3.00
NOTE: This class meets at Westmont High School and enrollment is restricted to Campbell Union High School District students only.

BUSN 054  SMALL BUSINESS START UP AND MANAGEMENT
This introductory course is designed to develop an overall personal concept of the functions of business and its role in society. The course covers the functions, objectives, ethics, and environment of business to provide students the opportunity to grasp the importance and functioning of a market directed economic system and to understand and appreciate modern business methods and problems. This course includes a study of sole proprietorship, partnership, and corporate functions, international trade and business/government relations; production and products liability, accounting, marketing, personal management, and capital formation and a study of the securities markets. Pass/No Pass Option. Transfer: CSU

32155  TTh 3:00PM - 4:25PM  J Daire  WHS 31  3.00
NOTE: This class meets at Westmont High School and enrollment is restricted to Campbell Union High School District students only.

CHST 002  CHILD GROWTH AND DEVELOPMENT
This course provides an introduction to human growth and development from conception through adolescence including physical growth, language, and social-emotional and cognitive development. Topics discussed include theories of development; developmental and cultural contexts; heredity; societal influences and interaction with the environment. Observation of children is required. Pass/No Pass Option. Transfer: CSU/UC

32670  MW 3:00PM - 4:25PM  KMoore Wines  WHS 40  3.00
NOTE: This class meets at Westmont High School and enrollment is restricted to Campbell Union High School District students only.

CHST 063  CHILD, FAMILY, AND COMMUNITY
This course examines the developing child in a societal context focusing on the interrelationship of family, school and community and emphasizes historical and socio-cultural facts. The processes of socialization and identity development are highlighted, showing the importance of respectful reciprocal relationships that support and empower families. Pass/No Pass Option. Transfer: CSU

32688  MW 2:50PM - 4:15PM  A Deckert  DMHS 3.00
NOTE: This class meets at Del Mar High School and enrollment is restricted to Campbell Union High School District students only.

COMM 001  PUBLIC SPEAKING
Prerequisite: ENGL 905 or LRSV 941C. Advisory: READ 053. This basic course emphasizes the basic principles of preparation, organization, research, outlining, delivery and evaluation of at least three expository oral speeches that are given in the physical presence of other listeners. It includes study of the processes of communication, evaluating and utilizing evaluation of speech, principles of speech preparation and outline organization, management of communication apprehension, the role of the listener in public speaking, speech evaluation, rhetorical principles, and verbal and nonverbal delivery techniques. Transfer: CSU/UC

32282  MW 2:45PM - 4:10PM  G Kirk  PHS 3.00
NOTE: This class meets at Prospect High School and enrollment is restricted to Campbell Union High School District students only.

KINT 032  INTRODUCTION TO COACHING SPORT
Coaching Sports focuses on the components and characteristics of coaches and sport programs. Students have an opportunity to examine and develop coaching techniques, styles and philosophies pertaining to the planning, management and competition in sports. Pass/No Pass Option. Transfer: CSU

32732  W 1:30PM - 4:40PM  S Masik  BHS C202 3.00
NOTE: This class meets at Branham High School and enrollment is restricted to Campbell Union High School District students only.

Recommended Preparations in Basic Skills:
Before you enroll in degree applicable courses, it is recommended that you demonstrate writing competency by completing English 905 AND reading competency by completing Reading 961. Some courses may also recommend a math course prior to enrollment. See individual course descriptions for math recommendations.
KINT 038A  INTRODUCTION TO SPORTS MEDICINE
This course introduces students to the concepts of athletic training. Topics include prevention, management, treatment, and rehabilitation of sports injuries. Techniques for adhesive strapping and protective padding are included.
Pass/No Pass Option. Transfer: CSU/UC
32733 MW 2:50PM - 4:15PM P Starks DMHS 37 3.00
NOTE: This class meets at Del Mar High School and enrollment is restricted to Campbell Union High School District students only.

MATH 105  PRE-STATISTICS
Advisory: LRSV 945 or MATH 903 or MATH 903R. 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 10H, Elementary Statistics, and who do NOT need any other math course for their major.
32700 TTh 3:00PM - 5:30PM F Jordan DMHS 17 5.00
NOTE: This class meets at Del Mar High School and enrollment is restricted to Campbell Union High School District students only.

PHIL 001  INTRODUCTION TO PHILOSOPHY
This course introduces philosophical ideas and methods concerning knowledge, reality and values. Expected topics include the sources and limits of knowledge, and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, truth, ethics, religion, science, language, beauty and art, political theory, or mind. Transfer: CSU/UC
32795 MW 2:30PM - 3:55pm J Galindo LHS 30 3.00
NOTE: This class meets at Leigh High School and enrollment is restricted to Campbell Union High School District students only.