ACCOUNTING

ACCT 010 FINANCIAL ACCOUNTING
This course 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, financial statements, statement analysis, and the application of generally accepted accounting principles. It also includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. Transfer: CSU/UC  
O 50058  
SECTION #50058 BEGINS 06/06/22 CLASS ENDS 06/30/22  
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

ACCT 011 MANAGERIAL ACCOUNTING
Prerequisite: ACCT 010. This course is the study of how managers use accounting information in decision-making, planning, directing operations, and controlling. This class focuses on cost terms and concepts, cost behavior, cost systems, cost control, cost-volume-profit planning, and performance analysis in manufacturing and service environments. This class includes a discussion of ethical issues in a managerial accounting environment. Transfer: CSU/UC  
O 50060  
SECTION #50060 BEGINS 06/20/22 CLASS ENDS 07/29/22  
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

ACCT 050 ACCOUNTING FOR SMALL BUSINESS
This course is designed as a non-theoretical, practical approach to accounting with special emphasis on accounting for small service-oriented business entities. This includes the basic bookkeeping cycle, cash fund and petty cash accounting, preparing bank reconciliations, and basic payroll accounting. Pass/No Pass Option.  
O 50063  
SECTION #50063 BEGINS 06/29/22 CLASS ENDS 07/15/22  
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

NCBU 002 PAYROLL ACCOUNTING AND BOOKKEEPING
Advisory: NCBU 001. This course covers the foundation required for success in calculating payroll, completing payroll taxes, and preparing payroll records and reports, focusing on practical applications as well as theory. Students have the opportunity to gain firsthand experience practicing concepts with useful, hands-on exercises involving relevant, detailed examples and real-life business applications.  
O 50448  
SECTION #50448 BEGINS 06/06/22 CLASS ENDS 08/04/22  
NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on Dates 6/06/22-8/04/22, Days TTh, Times 6:00PM-9:00PM. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

NCBU 004 EXCEL FOR ACCOUNTING AND BOOKKEEPING
Advisory: BUSN 046B. This course covers fundamentals of spreadsheets using Excel software typically used in accounting and bookkeeping. Students will have the opportunity to gain firsthand experience to practice concepts with useful, hands-on exercises using relevant, detailed examples and real-life business applications.  
O 50582  
SECTION #50582 BEGINS 06/08/22 CLASS ENDS 08/03/22  
NOTE: This class meets in the SYNCHRONOUS learning modality. The class uses Canvas and students attend via video conference at the following dates and times: 6/08/22-8/03/22, W, 6:00pm-9:15pm. Link to Canvas from the top of the WVC homepage. Find class and instructor contact information at www.westvalley.edu/faculty

NCBU 006 QUICKBOOKS: SET-UP AND SERVICES BUSINESS
Advisory: NCBU 002. This course is designed for students with prior bookkeeping knowledge. The course covers the steps in the accounting process for a service company. Using the QuickBooks computerized accounting software package, students have an opportunity to learn practices for handling sales receivables, payables and purchases, and general accounting and month end procedures.  
O 50583  
SECTION #50583 BEGINS 06/06/22 CLASS ENDS 08/08/22  
NOTE: This class meets in the SYNCHRONOUS learning modality. The class uses Canvas and students attend via video conference at the following dates and times: 6/06/22-8/08/22, M, 6:00pm-9:00pm. Link to Canvas from the top of the WVC homepage. Find class and instructor contact information at www.westvalley.edu/faculty

Asynchronous – An online class that does not have scheduled meetings. Synchronous – An online class that has mandatory scheduled meetings.
ADMINISTRATION OF JUSTICE

ADMJ 001 INTRODUCTION TO ADMINISTRATION OF JUSTICE
This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, components of the system, and current challenges to the system. The course examines the evolution of the principles and approaches utilized by the justice system and the evolving forces which have shaped those principles and approaches. Although justice structure and process is examined in a cross-cultural context, emphasis is placed on the US justice system, particularly the structure and function of US police, courts, and corrections. Students are introduced to the origins and development of criminal law, legal process, and sentencing and incarceration policies. Transfer: CSU/UC
O 50002 T Morgan ONLINE 3.00
SECTION #50002 BEGINS 06/06/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

ADMJ 021 COMMUNITY RELATIONS
This course examines the complex and dynamic relationship between communities and the justice system in addressing crime and conflict. It emphasizes the challenges and prospects of administering justice within a diverse multicultural population. Topics may include conflicting values in culture, religion, and law. Transfer: CSU/UC
O 50010 Y Castillo ONLINE 3.00
SECTION #50010 BEGINS 06/06/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

ANTHROPOLOGY

ANTH 001 INTRODUCTION TO PHYSICAL ANTHROPOLOGY
This course focuses on the anthropological approach to the human condition; theories of human origins; scientific evidence for the origin and evolution of the human species; description and anthropological explanation of human origins and development of criminal law, legal process, and sentencing and incarceration policies. Transfer: CSU/UC
O 50073 J Ulloa ONLINE 3.00
SECTION #50073 BEGINS 06/21/22 CLASS ENDS 08/25/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
O 50041 J Otte ONLINE 3.00
SECTION #50041 BEGINS 06/06/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

ANTH 003 INTRODUCTION TO CULTURAL ANTHROPOLOGY
This course is a study of culture and social behavior through the anthropological study of contemporary peoples. This course is a comparative survey of the range of cultures of the world with emphasis upon social organization, economics, religion, kinship systems, cultural patterns, values, ethics, and ecology. Pass/No Pass Option. Transfer: CSU/UC
O 50046 J Otte ONLINE 3.00
SECTION #50046 BEGINS 06/06/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

ANTH 055 ANTHROPOLOGY OF MAGIC, WITCHCRAFT, AND RELIGION
This course is a cross-cultural study of the forms and functions of supernatural beliefs and associated rituals in various contemporary societies of Africa, Asia, aboriginal Australia, Oceania, South America, native North America and elsewhere. The course is designed to introduce anthropological approaches to the understanding of cultural beliefs in the supernatural. This course considers supernatural beliefs and rituals to develop insights into the functional aspects of religious beliefs and institutions in our lives. Pass/No Pass Option. Transfer: CSU/UC
O 50048 J Ulloa ONLINE 3.00
SECTION #50048 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

ARCHITECTURE

ARCH 043 STYLES IN ARCHITECTURE
This course is a study of styles in architecture from pre-history to present. This course covers cultural, political, and social influences in architectural styles; a general overview of different architectural styles including each style’s date of origination, its life period, main characteristics, and features; differences between similar styles, and eclecticism. This course covers also the styles of American colonial architecture. Pass/No Pass Option. Transfer: CSU/UC
O 50069 S Ghahramani ONLINE 2.00
SECTION #50069 BEGINS 06/06/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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
O 50066 S Ghahramani ONLINE 3.00
SECTION #50066 BEGINS 06/06/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

ARCH 057 ARCHITECTURAL MODEL MAKING
This course covers the most common aspects of materials, tools, and skills required to build architectural models. Pass/No Pass Option. Transfer: CSU
O 50067 MW 5:00PM - 9:05PM R Smith CIL 126 1.00
SECTION #50067 BEGINS 06/06/22 CLASS ENDS 07/08/22
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MW from 6:00PM - 9:05PM.

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
O 50068 MTW Th 9:20AM - 12:50PM S Ghahramani ONLINE 3.00
SECTION #50068 BEGINS 06/06/22 CLASS ENDS 07/22/22
NOTE: This is a HYFLEX class that meets either in the ONLINE SYNCHRONOUS learning modality or IN PERSON. The class uses Canvas. Class meeting time is for the lecture and lab. Lab portion meets MTWth from 10:20AM - 12:50PM. Students can elect to attend class via video conference or in person in room CIL 124. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
### ART: HISTORY

**ARTS 001A SURVEY OF WESTERN ART I**
This course is a general survey of painting, sculpture, and architecture in the West from prehistoric times through the Gothic period, using art as a reflection of human interaction with the events of the time, emphasizing aesthetic, cultural, and historical values. Pass/No Pass Option. Transfer: CSU/UC

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**NOTE:** This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage.

Find instructor contact information at www.westvalley.edu/faculty.

**ARTS 001B SURVEY OF WESTERN ART II**
This course is a general survey of painting, sculpture, and architecture in the West from the Renaissance to the present day, using art as a reflection of human interaction with the events of the time, emphasizing aesthetic, cultural and historical values. Pass/No Pass Option. Transfer: CSU/UC

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**NOTE:** This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage.

Find instructor contact information at www.westvalley.edu/faculty.

**ARTS 004 ART APPRECIATION**
This course provides an introductory overview to general trends and concepts of visual expression. Art objects under study are considered both as aesthetic entities in themselves and as crystallization of thoughts and beliefs during different periods of history. Students have an opportunity to gain greater awareness of processes and media required to create art. Pass/No Pass Option. Transfer: CSU/UC

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**NOTE:** This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage.

Find instructor contact information at www.westvalley.edu/faculty.

**ARTS 007 THE ART OF ASIA**
This course is a general survey of arts and culture in Asia from prehistory to present. Emphasis is on painting, sculpture, ceramics and architecture of India, China and Japan. Development of artistic ideas and expressions based in cultural interactions from prehistory to present are studied. Pass/No Pass Option. Transfer: CSU/UC

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<th>SECTION #50571 BEGINS</th>
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**NOTE:** This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage.

Find instructor contact information at www.westvalley.edu/faculty.

### ART: PHOTOGRAPHY

**ARTS 095 NEW MEDIA AND SOCIAL CHANGE**
This course investigates how web-based technologies, internet multi-media, and photography have assisted in causing social change around the world through images. Evidence of social change from significant historical photographic images from famous photographers with a variety of diverse backgrounds are explored for social and political context. The course also covers critical analysis of shifting perceptions and expectations regarding race, gender, religion, sexual orientation, cultural identity, and ethnicity in contemporary web-based visual media. Pass/No Pass Option. Transfer: CSU/UC

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**NOTE:** This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage.

Find instructor contact information at www.westvalley.edu/faculty.

### ASTRONOMY

**ASTR 011 STELLAR ASTRONOMY**
This is a course in descriptive Astronomy, with emphasis on stars: their origin and evolution, their distribution within the galaxies and the origin of the universe within which the galaxies of stars are found. The course commences with a study of the night sky including the motions of the Sun, Moon, planets and stars. The motions of the celestial bodies are explained in the historical context of geocentric and heliocentric models. The course also covers the nature of light and employs telescopic observations to explore the properties of stars and their evolution. An investigation of the stages in the life of a star from birth to the different forms of stellar death is also offered. The course also examines the origins of the galaxies and the fate of the Universe. Pass/No Pass Option. Transfer: CSU/UC

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**NOTE:** This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage.

Find instructor contact information at www.westvalley.edu/faculty.

### NON-MAJORS BIOLOGY

**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

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**NOTE:** This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage.

Find instructor contact information at www.westvalley.edu/faculty.

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**Asynchronous** – An online class that does not have scheduled meetings. **Synchronous** – An online class that has mandatory scheduled meetings.
BIO 010 INTRODUCTION TO BIOLOGY
Co-requisite: BIO 010L. This is an introductory course in general biology designed for non-science majors. Emphasis is on using critical thinking skills to understand and apply biological principles to the solution of everyday problems. Topics discussed include the scientific method, evolution, ecology, cell function and structure, cell energy, DNA and biotechnology, as well as how organisms interact with their internal and external environment. Concurrent enrollment in both BIO 010/011 is required. Note: UC will accept credit for only one course, BIO 010 or BIO 011 as they meet same general education requirements. West Valley College will only allow students to take BIO 010 or BIO 011 not both. Transfer: CSU/UC
O 50139  C Hackworth ONLINE 3.00
SECTION #50139 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at westvalley.edu/faculty. All students who enroll in this lecture must also enroll in BIO 010L. Note: Students considering transfer into a health care field may be required to take BIO 011 (Human Biology for non-majors) instead of BIO 010. Please see a counselor.

O 50140  A Steinhardt ONLINE 3.00
SECTION #50140 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at westvalley.edu/faculty. All students who enroll in this lecture must also enroll in BIO 010L. Note: Students considering transfer into a health care field may be required to take the lab BIOL 011 (Human Biology for non-majors) instead of BIO 010. Please see a counselor.

BIO 011 INTRODUCTION TO BIOLOGY LAB
Co-requisite: BIO 010. This lab is a required co-requisite to the Biology 010 lecture course. This class is designed for non-science majors and supports concepts presented in lecture and provides a hands-on experience. Emphasis is on using critical thinking skills to understand and apply biological principles to better understanding topics in general biology. Concurrent enrollment in both BIO 010/011 is required. Note: UC will accept credit for only one course, BIO 010 or BIO 011 as they meet same general education requirements. West Valley College will only allow students to take BIO 010 or BIO 011 not both. Transfer: CSU/UC
O 50675  C Hackworth ONLINE 1.00
SECTION #50675 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at westvalley.edu/faculty. All students who enroll in this lab section must also enroll in a BIOL 010 lecture. Note: UC will accept credit for only one course, BIO 010 or BIO 011 as they meet same general education requirements. West Valley College will only allow students to take BIO 010 or BIO 011 not both. Transfer: CSU/UC
O 50142  A Steinhardt ONLINE 1.00
SECTION #50142 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at westvalley.edu/faculty. All students who enroll in this lab section must also enroll in a BIOL 010 lecture. Note: UC will accept credit for only one course, BIO 010 or BIO 011 as they meet same general education requirements.

BIO 038 INTRODUCTION TO INFECTIOUS DISEASES
This introductory biology course explores infectious diseases, parasites, and human immunity. The course begins with a survey of infectious disease agents, including emerging pathogens, agents of bio-terrorism, and newer complications seen in ancient diseases. The course continues by examining how the human immune system responds to these infections and helps students interpret epidemiological patterns of disease in human populations. Transfer: CSU/UC
O 50144  C Hackworth ONLINE 3.00
SECTION #50144 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

BIO 040 ORGANISMAL BIOLOGY
Prerequisite: MATH 106 or MATH 106R. This course, intended for biology majors, is a survey of the basic biology and diversity of unicellular and multi-cellular organisms. It emphasizes general biological principles, classification, structure, function and evolutionary adaptations of organisms (including plants, fungi, animals, and unicellular organisms) to their environments. Transfer: CSU/UC
O 50146  L Gallardo ONLINE 4.00
+ LAB MTWTh 12:45PM - 1:45PM L Gallardo ONLINE ONLINE
SECTION #50146 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This is a Lecture/Lab class meets ONLINE in both the SYNCHRONOUS and ASYNCHRONOUS learning modalities. The class uses Canvas, and students attend via video conference on MTWTh: 12:45PM-1:45PM. The remaining part of this class meets ONLINE in the ASYNCHRONOUS learning modality. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

MAJORS BIOLOGY
BIO 048 HUMAN PHYSIOLOGY
Prerequisites: BIO 047; CHEM 001A or CHEM 002 or CHEM 030A. Physiology is the study of the organ systems of the human body and the physiological principles involved in normal function. Emphasis is upon cellular and organ system function, integration and homeostasis, and regulatory mechanisms. The laboratory includes experiments stressing function of the body systems. Some experiments will be carried out on the students themselves. Transfer: CSU/UC
SM 33 5.00
+ LAB MTWTh 9:30AM - 10:30AM N Norris
SECTION #50147 BEGINS 06/06/22 CLASS ENDS 07/29/22
BUSN 051  INTRODUCTION TO BUSINESS
This course provides the student an introduction to American business in a global and culturally diverse environment, providing an overview of economics, ethics, management, marketing, operations, information management, accounting, and finance. Transfer: CSU/UC
  O 50085  G Firenzi  ONLINE  3.00
  SECTION #50085 BEGINS 06/06/22 CLASS ENDS 07/16/22
  NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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
  O 50086  L Yurtsseven  ONLINE  3.00
  SECTION #50086 BEGINS 06/06/22 CLASS ENDS 07/16/22
  NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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, gas laws, calorimetry, Lewis structures, molecular geometry, oxidation-reduction, equilibrium, electron configurations and intermolecular forces. Transfer: CSU/UC
  50075  MTWTh  9:10AM - 11:20AM G Eldridge  SM 35  5.00
  + LAB  MW  12:00PM - 3:30PM G Eldridge  SM 21
  SECTION #50075 BEGINS 06/06/22 CLASS ENDS 07/30/22

CHEM 001B  GENERAL CHEMISTRY
Prerequisite: CHEM 001A. This course is a continuation of CHEM 001A. The units of study will include solution equilibria, electrochemistry, thermodynamics, coordination compounds, and kinetics. The laboratory consists of data-driven analyses of chemical principals and techniques, including the synthesis of a variety of compounds. Transfer: CSU/UC
  50076  MTWTh  11:30AM - 1:40PM T Ng  SM 33  5.00
  + LAB  TTh  2:00PM - 5:05PM T Ng  SM 21
  SECTION #50076 BEGINS 06/06/22 CLASS ENDS 07/30/22

CHEM 002  INTRODUCTORY CHEMISTRY
Prerequisite: MATH 106 or 106R. This course is an introduction to the fundamental principles of chemistry and includes atomic theory, chemical bonding, molecular structure, chemical reactions, stoichiometry, gas laws, liquids and solids, acids and bases, equilibrium, energy, and solution chemistry. The course stresses problem solving and is designed specifically to prepare the student for Chemistry 001A. Transfer: CSU/UC
  50077  MTWTh  11:30AM - 1:40PM B Harrison  SM 35  4.00
  + LAB  MTW  2:00PM - 5:05PM B Harrison  SM 20
  SECTION #50077 BEGINS 06/21/22 CLASS ENDS 07/30/22
NCCH 110 CHEMISTRY JAM AND PREP
Designed for students who are preparing to take Chemistry 1A to review foundational Chemistry concepts such as unit conversions, significant figures, balancing equations, and stoichiometry while receiving academic support and instruction.
50429 MTWThF 9:00AM - 3:00PM G Eldridge SM 35 0.00
SECTION #50429 BEGINS 08/15/22 CLASS ENDS 08/19/22
NOTE: Class meeting time is for the lecture and lab. Lab portion meets MTWThF from 12:40PM - 3:00PM.

CHILD STUDIES

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
O 50039 SECTION #50039 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

CHST 059 EC MUSIC AND MOVEMENT CURRICULUM
This course presents an overview of developmentally appropriate music and movement experiences for young children from birth through age 8. Topics include the role of music in the classroom, singing and the human voice, children’s exploration of musical instruments, movement and motor development, and approaches to music and movement curriculum. Curricular influences, integrating music and movement into other curricular areas, and leading games and circle time. Pass/No Pass Option. Transfer: CSU/UC
N 50047 T 6:30PM - 7:55PM J Smith ONLINE 3.00
SECTION #50047 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in both the SYNCHRONOUS and ASYNCHRONOUS learning modalities. The class uses Canvas, and students attend via video conference on Days Tuesday, Wednesday, Thursday, and Friday from 10:30AM-12:30PM. The remaining part of the class meets ONLINE in the ASYNCHRONOUS modality. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

CHST 063 CHILD, FAMILY, AND COMMUNITY
This course examines the developing child in a societal context focusing on the interpersonal relationship of family, school, and community and emphasizing historical and socio-cultural facts. The processes of socialization and identity formation are highlighted, showing the importance of respectful reciprocity and interaction with the environment. Observation of children is required. Pass/No Pass Option. Transfer: CSU/UC
O 50049 J Smith ONLINE 3.00
SECTION #50049 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

CHST 088A THE OUTDOOR ENVIRONMENT
This course focuses on the value of nature in childhood experiences and examines the potential of the outdoor playground to become an extension of the classroom, offering many opportunities for children to explore, discover, and learn. Topics include playground design, enhancing outside play, and the role of music in the classroom, offering many opportunities for children to explore, create, and learn. Topics include playground design, enhancing outside play, and the role of music in the classroom. The class uses Canvas, and students attend via video conference on Days Tuesday and Thursday from 10:30AM-12:30PM. The remaining part of the class meets ONLINE in the ASYNCHRONOUS modality. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
N 50051 W 6:30PM - 7:55PM J Wang ONLINE 1.00
SECTION #50051 BEGINS 06/21/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in both the SYNCHRONOUS and ASYNCHRONOUS learning modalities. The class uses Canvas, and students attend via video conference on Days Tuesday and Thursday from 10:30AM-12:30PM. The remaining part of this class meets ONLINE in the ASYNCHRONOUS modality. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

COMMUNICATION STUDIES

COMM 001 PUBLIC SPEAKING
Prerequisite: ENGL 905 or LRSV 941C. Advisory: READ 053. This basic course emphasizes the basic principles of preparation, organization, research, outlining, delivery, and evaluation of at least three expository or 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
50137 MTW 10:30AM - 1:35PM J Borchard LASS 33 3.00
SECTION #50137 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This is a HYFLEX class that meets either in the ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas, and meets on MTW, 10:30AM-1:35PM. Students can elect to attend class via videoconference or in person in room FOX 101. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
H 50159 MTWThF 8:00AM - 10:10AM J Hannigan FOX 120
SECTION #50159 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This is a HYBRID class that meets weekly BOTH IN-PERSON AND ONLINE for 6 weeks. There are only 10 in-person meetings scheduled. The class will meet IN-PERSON once in week 1, twice in week 2, three times in week 3 and four times in week 4. Weeks 5 & 6 are online only. Here are the meeting times and dates. The class time is 10:30 AM to 12:30 PM. The IN-PERSON dates are 6/6; then 6/13 & 14; then 6/21, 22 & 23; and finally, 6/27, 28, 29, 30 & 3 in FOX 120. The balance of the course from 7/1 to 7/15 meets online only in the ASYNCHRONOUS learning modality. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
H 50187 MTW 10:30AM - 12:40PM J Hannigan FOX 120
SECTION #50187 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This is a HYBRID class that meets weekly BOTH IN-PERSON AND ONLINE for 6 weeks. There are only 10 in-person meetings scheduled. The class will meet IN-PERSON once in week 1, twice in week 2, three times in week 3 and four times in week 4. Weeks 5 & 6 are online only. Here are the meeting times and dates. The class time is 10:30 AM to 12:40 PM. The IN-PERSON dates are 6/6; then 6/13 & 14; then 6/21, 22 & 23; and finally, 6/27, 28, 29, 30 & 3 in FOX 120. The balance of the course from 7/1 to 7/15 meets online only in the ASYNCHRONOUS learning modality. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
O 50136 MTWTh 8:00AM - 10:10AM J Fujishin ONLINE 3.00
SECTION #50136 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the SYNCHRONOUS and ASYNCHRONOUS learning modalities. The class meets from 7/1 to 7/28, 29 & 30 in FOX 120. The remaining part of this class meets ONLINE in the ASYNCHRONOUS learning modality. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

COMPUTER SCIENCE

CIST 002 INTRODUCTION TO COMPUTING
Advisory: MATH 106 or MATH 106R. This is an introductory course in personal productivity computing, introducing students to the concepts and uses of computing in education, business, and society. Fundamentals of each of the major components of a computing system are examined: elementary functions of hardware; software for systems operations and applications; the relationship of data and information; the need for proper procedures; and the people who use and support computing. Students use computers for hands-on experience of computer productivity applications, including word processing, spreadsheets, presentation manager, database management, and Internet access. Pass/No Pass Option. Transfer: CSU/UC
O 50095 J Rascov ONLINE 4.00
SECTION #50095 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

Asynchronous – An online class that does not have scheduled meetings. Synchronous – An online class that has mandatory scheduled meetings.
### Asynchronous

An online class that does not have scheduled meetings.

### Synchronous

An online class that has mandatory scheduled meetings.

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**CIST 0044**  
**COMPUTER PROGRAMMING II (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. Example topics include memory allocation, flow control, logic, objects, classes, methods and argument passing, control structures, and iteration. Students will have the opportunity to learn programming, documentation, and software testing skills, algorithmic problem-solving, programming methodologies, and to write and debug small to medium-sized programs. Pass/No Pass Option. Transfer: CSU/UC.

<table>
<thead>
<tr>
<th>Section #</th>
<th>Begin Date</th>
<th>End Date</th>
<th>Instructor</th>
<th>Modality</th>
<th>Notes</th>
</tr>
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<td>50444</td>
<td>06/21/22</td>
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<td>ONLINE</td>
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<td>07/29/22</td>
<td>A Bangle</td>
<td>ONLINE</td>
<td>3.00</td>
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**COUN 000A**  
**COLLEGE ORIENTATION**  
College Orientation is an introductory course that highlights community college, career, and transfer opportunities as well as strategies for academic success. The course includes an orientation to West Valley College programs and services, rules and regulations, an overview of general education requirements for transfer and graduation, an introduction to the registration process, and educational planning. Pass/No Pass Only.

<table>
<thead>
<tr>
<th>Section #</th>
<th>Begin Date</th>
<th>End Date</th>
<th>Instructor</th>
<th>Modality</th>
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<td>50431</td>
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<td>07/29/22</td>
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<td>ONLINE</td>
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</table>
### COURTS REPORTING & CAPTIONING

#### NCCC 001 STENOGRAPHIC MACHINE THEORY 1

Students have the opportunity to study and apply beginning-level computer-compatible stenographic theory necessary to write and read back basic English vocabulary at 30 words per minute with 90 percent accuracy.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor(s)</th>
<th>Location</th>
<th>Units</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCCC 001M</td>
<td>MTWTh</td>
<td>8:15AM - 11:30AM</td>
<td>M Ortiz/L Lawson</td>
<td>V10</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

#### NCCC 002 STENOGRAPHIC MACHINE THEORY 2

Advisory: NCCC 001. Students have the opportunity to study and apply intermediate-level computer-compatible stenographic theory necessary to write and read basic English vocabulary at 40 words per minute with 95 percent accuracy. Prefixes, suffixes, advanced numbering options, and compressed word beginnings and endings are introduced.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor(s)</th>
<th>Location</th>
<th>Units</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCCC 002M</td>
<td>MTWTh</td>
<td>8:15AM - 11:30AM</td>
<td>M Ortiz/L Lawson</td>
<td>V10</td>
<td>1.00</td>
<td>0.00</td>
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</tbody>
</table>

#### NCCC 003 STENOGRAPHIC MACHINE THEORY 3

Advisory: NCCC 002. Students have the opportunity to complete final stenographic machine lessons and refine machine shorthand skills at 60 words per minute with 97 percent accuracy.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor(s)</th>
<th>Location</th>
<th>Units</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>NCCC 003M</td>
<td>MTWTh</td>
<td>8:15AM - 11:30AM</td>
<td>M Ortiz/L Lawson</td>
<td>V10</td>
<td>1.00</td>
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NCCC 018M  180 WPM: MULTI-VOICE FOCUS
Advisory: NCCC 016 or 016M. In this course, students have the opportunity to recognize and create stenographic outlines for intermediate to advanced-level vocabulary, terminology, and phraseology and apply speedbuilding techniques necessary to attain a writing speed of 180 words per minute with a focus on multi-voice reporting. Machine and voice writing and transcription also include application of "realtime" writing skills for educational captioning. Lecture content and assignments focus on multi-voice reporting and educational captioning requirements and considerations.

50038  MTWTh  12:00PM - 3:05PM  S Vartanian  V  11  0.00
E Van Dorn/C Leung
SECTION #50038 BEGINS 06/06/22 CLASS ENDS 08/11/22
NOTE: This is a HYFLEX class that meets either in ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas. Class meeting time is for the lecture and lab. Lab portion meets Th from 12:00PM - 3:05PM. Students can elect to attend class via videoconference or in person in room V11. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

NCCC 020M  200-220 WPM: MULTI-VOICE FOCUS
Advisory: NCCC 018M or 018. In this course, students have the opportunity to further refine stenographic outlines and speedbuilding techniques to attain accurate writing speeds of up to 200 and 220 words per minute with 97.5 and 95 percent accuracy respectively. Machine and transcription focuses on multivoice court and deposition reporting skills. Lecture content and assignments include the responsibilities and duties of official and deposition reporting including reading back; the reporting of testimony and objections; reporting with an interpreter; directing (citing) the witness; certifying questions; and marking, handling, and securing exhibits.

50040  MTWTh  12:00PM - 3:35PM  S Vartanian  V  11  0.00
E Van Dorn/C Leung
SECTION #50040 BEGINS 06/06/22 CLASS ENDS 08/11/22
NOTE: This is a HYFLEX class that meets either in ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas. Class meeting time is for the lecture and lab. Lab portion meets Th from 12:00PM - 3:35PM. Students can elect to attend class via videoconference or in person in room V11. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

NCCC 024  ENGLISH VOCABULARY FOR COURT REPORTING AND CAPTIONING
Students have the opportunity to gain basic understanding, correct spelling, and pronunciation of English vocabulary in order to prepare for the written portion of the California Certified Shorthand Reporter licensing examinations and to better hear and comprehend English vocabulary in order to accurately write the spoken word for reporting, captioning, transcription, and proofreading careers. Vocabulary building, pronunciation, and spelling are emphasized. Stenographic machine writing and voice writing options are discussed.

50042  F  8:00AM - 12:00PM  C Leung  V  11  0.00
SECTION #50042 BEGINS 06/06/22 CLASS ENDS 08/19/22
NOTE: This is a HYFLEX class that meets either in ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas and meets on 6/3-2/2-8/19/22, F, 8:00am-12:05pm. Students can elect to attend class via videoconference or in person in room V11. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

NCCC 034  MEDICAL DICTATION
Advisory: NCCC 008 or NCCC 008M. This course provides students the opportunity to develop and apply stenographic and voice writing skills for the production of transcripts containing standard medical terminology. Terminology common to various medical specialties is explained and anatomical terminology is reviewed. Stenographic and voice-writing outlines are presented. Dictation - from sources including medical publications, case histories, operative reports, and selected medical transcripts from legal proceedings - is provided for hands-on skills practice.

50043  MW  9:00AM - 11:05AM  T Star  V  9  0.00
SECTION #50043 BEGINS 06/06/22 CLASS ENDS 08/23/22
NOTE: This is a HYFLEX class that meets either in ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas and meets on 6/6/22-8/3/22, MW, 9:00am-11:05am. Students can elect to attend class via videoconference or in person in room V9. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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

50064  MTWTh  10:30AM - 12:00PM  Zill  LASS  27  3.00
SECTION #50064 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: Students enrolling in ECON 001A #50064 must also enroll in ECON 002A #50065.

50070  F  8:00AM - 10:05AM  S Liu  3.00
SECTION #50070 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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/prodution 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

50072  F  8:00AM - 10:05AM  S Zill  3.00
SECTION #50072 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

Asynchronous – An online class that does not have scheduled meetings. Synchronous – An online class that has mandatory scheduled meetings.
ECON 002A  PRINCIPLES OF MACROECONOMICS LAB
Co-requisite: ECON 001A. This online laboratory introduces macroeconomic analysis and principle including analysis of: market systems; aggregate measures of the economy; macroeconomic equilibrium; money, the banking system and role of central banks; monetary and fiscal policy; international trade and exchange rates; and macroeconomic growth. Pass/No Pass Option. Transfer: CSU/UC
O 50065  S Zill ONLINE 1.00
SECTION #50065 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty. Students enrolling in ECON 002A #50065 must also enroll in ECON 001A #50004.

ECON 002B  PRINCIPLES OF MICROECONOMICS LAB
Co-requisite: ECON 001B. This online laboratory introduces microeconomic analysis which focuses on individual economic decision-makers and markets. Topics include scarcity and allocation of resources, distribution of income and wealth, market equilibrium, price ceilings/floors, elasticity, consumer theory, cost/production analysis, market structures, factor markets, market failure, international trade and finance, and the role of public policy in the economy. Pass/No Pass Option. Transfer: CSU/UC
O 50073  S Zill ONLINE 1.00
SECTION #50073 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty. Students enrolling in ECON 002B #50073 must also enroll in ECON 001B #50072.

ENGINEERING
ENGR 010  INTRODUCTION TO ENGINEERING
This introductory course explores the different engineering disciplines to assist students in a choice of a major in engineering. Prospective engineering students have the opportunity to learn about experimentation, data analysis, problem-solving, engineering software, basic computer programming, and the engineering design process. Pass/No Pass Option. Transfer: CSU/UC
O 50224  MTWTh 10:45AM - 3:15PM I Chen/S Rafati ONLINE 4.00
SECTION #50224 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This Lecture/Lab class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on MTWTh 10:45AM-12:55PM for the Lecture; and MTWTh 1:05PM-3:15PM for the Lab. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty/.

ENGR 098  INTRO TO CIRCUIT ANALYSIS
Advisory: MATH 003B, PHYS 004B. This is an introductory course in the analysis of DC and AC electric circuits using Kirchhoff's laws, Ohm's law, and Thévenin's theorem. Pass/No Pass Option. Transfer: CSU/UC
N 50226  MTWTh 5:30PM - 10:00PM S Rafati ONLINE 4.00
SECTION #50226 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This Lecture/Lab class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on MTWTh 5:30PM-7:40PM for the Lecture; and MTWTh 7:50PM-10:00PM for the Lab. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty/.

ENGLISH
ENGL 001A  ENGLISH COMPOSITION
Prerequisite: ENGL 905 or LRSV 941C or ENGL 905X or LRSV 942 or READ 961. This course introduces techniques of collegiate English composition with emphasis on clear and effective writing and analytical reading. In English 1A, students write a series of essays including a documented research paper. Because this is a collegiate-level writing course, students must enroll with strong grammatical competence. Transfer: CSU/UC
O 50196  M 12:00PM - 1:00PM R Adams-Palmer ONLINE 3.00
SECTION #50196 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in both the SYNCHRONOUS and ASYNCHRONOUS learning modalities. The class uses Canvas, and students attend by using video conferencing on M, 12:00PM to 1:00PM. The remaining part of this class meets ONLINE in the ASYNCHRONOUS learning modality. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
50199  TTh 10:30AM - 1:20PM R Fields LASS 46 3.00
SECTION #50199 BEGINS 06/21/22 CLASS ENDS 07/29/22
O 50202  TTh 6:00PM - 8:50PM B Vo ONLINE 3.00
SECTION #50202 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the SYONCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on Days TTh, Times 6:00PM-8:50PM. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty/.
O 50208  TTh 6:00PM - 8:50PM D Shaw ONLINE 3.00
SECTION #50208 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage.
O 50150  S Richey ONLINE 3.00
SECTION #50150 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty/.
O 50149  B Kalivitis ONLINE 3.00
SECTION #50149 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty/.
O 50207  TTh 6:00PM - 8:50PM J Girardi ONLINE 3.00
SECTION #50207 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty/.

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
O 50198  TTh 10:30AM - 1:20PM R Adams-Palmer LASS 48 3.00
SECTION #50198 BEGINS 06/21/22 CLASS ENDS 07/29/22
N 50201  TTh 6:00PM - 8:50PM R Fields LASS 46 3.00
SECTION #50201 BEGINS 06/21/22 CLASS ENDS 07/29/22
O 50192  J Larma ONLINE 3.00
SECTION #50192 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty/.

Asynchronous – An online class that does not have scheduled meetings.  Synchronous – An online class that has mandatory scheduled meetings.
ENGL 001C  CRITICAL THINKING AND WRITING
Prerequisite: ENGL 001A. This course offers instruction and practice in methods of critical thinking and formal argument writing, emphasizing the following: the principles of classical argument structure and methods of reasoning; analysis and evaluation of rhetorical argument; identification of the assumptions underlying a given argument; identification and critique of fallacies in arguments; and analysis of language use and its implications in argument writing. Students in this course have the opportunity to practice critical thinking by writing substantive arguments, essays, and a documented research paper. Transfer: CSU/UC

ENGL 012  AFRICAN AMERICAN LITERATURE
Advisory: ENGL 001A. This course examines African American Literature from the 1700s to the present. Emphasis is on the development of a body of literature that attests to the mastery and enhancement by Black writers of the prevailing literary forms in each era in America's cultural, social, and political history. Students in the course have the opportunity to examine how literature reflects the experiences of Africans adapting to life in new world America and carving out a new identity complete with the development of new literary styles and conventions. The literature is examined through lenses of conventional critical theory and elements of literature. Pass/No Pass Option. Transfer: CSU/UC

ENGL 012H  HONORS AFRICAN AMERICAN LITERATURE
Advisory: ENGL 001A. Honors African American Literature uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there will be focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines African American Literature from the 1700s to the present. Emphasis is given to the development of a body of literature that attests to the mastery and enhancement by Black writers of the prevailing literary forms in each era in America's cultural, social, and political history. Students in the course have the opportunity to examine how literature reflects the experiences of Africans adapting to life in new world America and carving out a new identity complete with the development of new literary styles and conventions. The literature is examined through lenses of conventional critical theory and elements of literature. Transfer: CSU/UC

ENGL 043  CLASSICAL MYTHOLOGY
Advisory: ENGL 001A. Using translations of epic, poetic, and dramatic texts of classical writers and philosophers, this course examines the meaning and function of myth in the literature of Ancient Greece and Rome as well its recurrence and significance in modern works. Pass/No Pass Option. Transfer: CSU/UC

FASHION DESIGN

GEOP 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

GEOGRAPHY

Asynchronous – An online class that does not have scheduled meetings.  Synchronous – An online class that has mandatory scheduled meetings.
Sections listed with an **O** are ONLINE.

**GEOG 002 **INTRODUCTION TO CULTURAL GEOGRAPHY
This course is a study of systems of human technologies and cultural practices as developed in particular regions of the earth through time by human populations. People’s relationship to the land is observed through the description and explanation of changes made on the earth’s surface by human cultures. Pass/No Pass Option. Transfer: CSU/UC

**GEOL 001 A **PHYSICAL GEOLOGY
This course provides an introduction to the principles of geology with emphasis on Earth processes. This course focuses on the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and effects of tectonic activity. Pass/No Pass Option. Transfer: CSU/UC

**HHTC 054 A **INTERNSHIP FOR HEALTH CARE TECHNOLOGIES

**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

**HIST 017 A **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
**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

<table>
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<tr>
<th>Course Code</th>
<th>Meeting Time</th>
<th>Instructor</th>
<th>Location</th>
<th>Credits</th>
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<td>LASS 50</td>
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**HONORS**

**ENGL 012H  HONORS AFRICAN AMERICAN LITERATURE**
Advisory: ENGL 001A. Honors African American Literature uses the pedagogical methods common to all Honors courses: writing-intensive, collaborative, and experiential instruction. As an honors course, there will be focus on analytical writing and an emphasis on a higher degree of student participation and leadership in class discussions and other interactive teaching/learning techniques that are generally unsuitable for larger undergraduate classes. This course examines African American Literature from the 1700s to the present. Emphasis is given to the development of a body of literature that attests to the mastery and enhancement by Black writers of the prevailing literary forms in each era in America’s cultural, social, and political history. Students in the course have the opportunity to examine how literature reflects the experiences of Africans adapting to life in new world America and carving out a new identity complete with the development of new literary styles and conventions. The literature is examined through lenses of conventional critical theory and elements of literature. Transfer: CSU/UC

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<td>Shaw</td>
<td>ONLINE</td>
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</table>

**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

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<tr>
<th>Course Code</th>
<th>Meeting Time</th>
<th>Instructor</th>
<th>Location</th>
<th>Credits</th>
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**HUMANITIES**

**HUMN 001A  HUMAN VALUES IN AND FROM THE ARTS - THE ANCIENT WORLD TO THE EARLY RENAISSANCE**
This course is designed to show integration of the visual, literary, and musical arts within a historical context from the ancient world to the Early Renaissance. It is an interdisciplinary approach to cultural epochs through the use of thematic material, ideas, and values. Transfer: CSU/UC

<table>
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<th>Instructor</th>
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<th>Credits</th>
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</table>

**HUMN 001B  HUMAN VALUES IN AND FROM THE ARTS - THE RENAISSANCE TO THE MODERN AGE**
This course is designed to show integration of the visual, literary, and musical arts within a historical context from the Renaissance to the Modern Age. This course is an interdisciplinary approach to cultural epochs through the use of thematic materials, ideas, and values. This course is designed to illustrate the integration of visual, literary, and musical arts and cultural values from Western and Asian perspectives. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Meeting Time</th>
<th>Instructor</th>
<th>Location</th>
<th>Credits</th>
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**INTERIOR DESIGN**

**INTO 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

<table>
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<tr>
<th>Course Code</th>
<th>Meeting Time</th>
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**KINESIOLOGY—ADAPTED**

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Meeting Time</th>
<th>Instructor</th>
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<th>Credits</th>
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**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.

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<tr>
<th>Course Code</th>
<th>Meeting Time</th>
<th>Instructor</th>
<th>Location</th>
<th>Credits</th>
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**SUMMER 2022**

Asynchronous – An online class that does not have scheduled meetings. Synchronous – An online class that has mandatory scheduled meetings.
<table>
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<th>Course Code</th>
<th>Section Code</th>
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<th>End Date</th>
<th>Days</th>
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<th>Room</th>
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<td>50124</td>
<td>06/21/22</td>
<td>07/29/22</td>
<td>MTWTh</td>
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<tr>
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<td>KINS 2.07</td>
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<tr>
<td>KINS 4.21</td>
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<td>07/29/22</td>
<td>MTWTh</td>
<td>8:00AM - 10:10AM</td>
<td>A Zakarian/D Wong PE 9</td>
<td>1.00</td>
<td>SECTION #50109 BEGINS 06/21/22 CLASS ENDS 07/29/22</td>
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**KINESIOLOGY—AQUATICS**

**KINS 2.04 SWIMMING-BEGINNING**
This course provides students with the opportunity to gain elementary swimming skills and knowledge in order to remain safe in and around the water. Freestyle and sidestroke breathing are emphasized for beginning level swimmers. Pass/No Pass Option. Transfer: CSU/UC

**KINS 2.05 SWIMMING-INTERMEDIATE**
This course is designed to increase the aquatic competency of the individual by adding to the skills learned in Beginning Swimming. This course provides students 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

**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

**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

**KINESIOLOGY—FITNESS**

**KINS 4.07 FITNESS COMPETITIVE ATHLETE**
This course provides students the opportunity to properly train and condition their bodies for increased strength, flexibility, and endurance for athletic competition. Pass/No Pass Option. Transfer: CSU/UC

**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

**KINS 4.20 FITNESS, WEIGHT TRAINING 2**
This course is the second level of weight training for students who have completed Fitness, Weight Training 1. This intermediate course continues to build on what students have learned from Fitness, Weight Training 1. It also provides instruction in the various components of muscular strength using current trends in personal training. Topics include high intensity interval training, Cross-Fit protocols, and exercise prescription. Pass/No Pass Option. Transfer: CSU/UC

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

**KINS 4.30 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 ladders, 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

**KINS 4.31 CORE TRAINING**
This course provides students with the opportunity to gain muscular strength for trunk stabilization. Movement patterns that strengthen the abdominals, obliques, hips and lower back are emphasized. Pass/No Pass Option. Transfer: CSU/UC

**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

**KINS 4.38 BARRE FITNESS**
This course provides students the opportunity to increase muscle strength, endurance, balance, and posture. This course incorporates fitness principles from Pilates, Yoga, and basic ballet moves for a full body workout using the barre, sponge balls, weighted balls, and mats. Pass/No Pass Option. Transfer: CSU/UC

**KINS 4.39 SPEED, PLYOMETRICS, AGILITY AND QUICKNESS LEVEL 1**
This course provides students the opportunity to gain awareness of basic movement patterns and principles for sports involving running. These movement principles include proper technique, balance, and biomechanics. Movement patterns include agility, quickness, and endurance. Movement principles are applied to competitive sport activities such as cross-country running, track and field, soccer, basketball, softball, and football. Pass/No Pass Option. Transfer: CSU/UC

**KINS 4.40 SPEED, PLYOMETRICS, AGILITY AND QUICKNESS LEVEL 2**
This course provides students the opportunity to enhance their athletic movement patterns. The primary focus is speed, activation, and agility. These movement patterns enhance athletic performance in competitive sports such as soccer, swimming, basketball, lacrosse, and water polo. Pass/No Pass Option. Transfer: CSU/UC

**KINS 4.41 SPEED, PLYOMETRICS, AGILITY AND QUICKNESS LEVEL 3**
This course provides students the opportunity to gain awareness of movement patterns and principles for sports that require power and jumping. Training principles include plyometrics, high intensity interval training (HIIT), and sprint interval training (SIT). Sports that require speed and jumping ability include volleyball, basketball, soccer, lacrosse, gymastics, baseball, softball, and water polo. Pass/No Pass Option. Transfer: CSU/UC

**KINS 4.42 MASTER'S SWIMMING**
This course provides students the opportunity to properly train and condition their bodies for increased strength, flexibility, and endurance for athletic competition. Pass/No Pass Option. Transfer: CSU/UC

**KINS 4.43 BARRE FITNESS**
This course provides students the opportunity to gain muscular strength for trunk stabilization. Movement patterns that strengthen the abdominals, obliques, hips and lower back are emphasized. Pass/No Pass Option. Transfer: CSU/UC

**KINS 4.44 SPEED, PLYOMETRICS, AGILITY AND QUICKNESS LEVEL 3**
This course provides students the opportunity to gain awareness of movement patterns and principles for sports involving running. These movement patterns enhance athletic performance in competitive sports such as soccer, swimming, basketball, lacrosse, and water polo. Pass/No Pass Option. Transfer: CSU/UC

Asynchronous – An online class that does not have scheduled meetings. Synchronous – An online class that has mandatory scheduled meetings.
KINESIOLOGY—INDIVIDUAL SPORTS

KINS 7.18 BEGINNING TENNIS
This course includes instruction on the basic fundamentals of tennis and provides students the opportunity to master ground strokes skills. Mastery of these skills enables the student to progress to the next level of tennis. Pass/No Pass Option. Transfer: CSU/UC

KINS 7.20 INTERMEDIATE TENNIS
Advisory: KINS 7.18. Intermediate tennis is designed to provide students the opportunity for greater insight into the game with the addition of ball spin into ground stroke skills. Mastery of these skills enables the student to progress to the next level of tennis. Transfer: CSU/UC

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

KINS 8.03 BASEBALL/SOFTBALL-ADVANCED
This course provides students the opportunity to develop advanced baseball and softball skills and techniques for throwing, catching, batting, and bunting. Pass/No Pass Option. Transfer: CSU/UC

KINS 8.10 BASEBALL/SOFTBALL-BEGINNING
This course provides instruction in baseball specific rules, techniques, equipment and facilities management, etiquette, and safety. In addition, students are given the opportunity to apply nutrition, flexibility, and strength training concepts to improve their skill level. Pass/No Pass Option. Transfer: CSU/UC

KINS 8.12 BASEBALL/SOFTBALL-BEGINNING
This course provides students the opportunity to develop baseball and softball skills and participate on a softball team in a class setting. Baseball and softball skills for the beginning player include fielding the ball, throwing, running, and hitting. Pass/No Pass Option. Transfer: CSU/UC

KINS 8.13 BASEBALL/SOFTBALL-INTERMEDIATE
This course provides students the opportunity to develop intermediate baseball and softball skills for pitching and bunting. It includes competitive team play. Pass/No Pass Option. Transfer: CSU/UC

KINS 8.20 INTRODUCTION TO SPORT FUNDAMENTALS
This course emphasizes the basic development of general athleticism and total fitness associated with sport competition. The five components of fitness are explored and applied to each individual. Pass/No Pass Option. Transfer: CSU/UC

KINS 8.21 FUNDAMENTALS OF SPORT-BEGINNING
This course emphasizes the development of the athletic skills and knowledge associated with sports. This course provides students 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

Asynchronous – An online class that does not have scheduled meetings. Synchronous – An online class that has mandatory scheduled meetings.
KINA 9.55  ATHLETIC MEN’S WATER POLO - SKILLS AND TECHNIQUES
The course provides student-athletes the opportunity to develop advanced intercollegiate water polo skills and techniques. This course provides instruction in water polo rules, techniques, equipment, facilities management, etiquette, and safety. In addition, students are given the opportunity to apply nutrition, strength training, flexibility, and proper swimming mechanics to improve their athletic performance. Pass/No Pass Option. Transfer: CSU/UC
N 50655 MTWTh 7:10AM - 9:20PM W Rodriguez POOL 1.00 SECTION #50655 BEGINS 06/21/22 CLASS ENDS 07/29/22

KINA 9.56  ATHLETIC WOMEN’S WATER POLO - SKILLS AND TECHNIQUES
The course provides the opportunity for students to develop advanced intercollegiate water polo skills and techniques. This course provides instruction in water polo rules, techniques, equipment and facilities management, etiquette, and safety. In addition, students are given the opportunity to apply nutrition, strength training, flexibility, and proper swimming mechanics to improve their skill level. Pass/No Pass Option. Transfer: CSU/UC
50656 MTWTh 8:10AM - 10:20AM E Vargas POOL 1.00 SECTION #50656 BEGINS 06/21/22 CLASS ENDS 07/29/22

KINA 9.60  POST SEASON CONDITIONING
This course offers student athletes the opportunity to train in their sport during the off-season. This course utilizes various training protocols for post-season athletes who need more training or need injury recovery. Concepts in nutrition, hydration, and environmental effects on athletic training are introduced. Pass/No Pass Option. Transfer: CSU/UC
50111 MTWTh 10:30AM - 12:40PM Z Karakian PE 10 1.00 SECTION #50111 BEGINS 06/21/22 CLASS ENDS 07/29/22
50112 MTWTh 12:45PM - 2:55PM V Piatt PE 9 1.00 SECTION #50112 BEGINS 06/21/22 CLASS ENDS 07/29/22

KINESIOLOGY—BODY/MIND/WELLNESS

KINS 11.06  PILATES REFORMER AND MAT INSTRUCTOR TRAINING
This course introduces students to a variety of Pilates exercise techniques on the reformer and mat. Topics include the history, methods, principles, and techniques involved in the original and contemporary exercise sequence on the mat and on the reformer. The techniques of teaching the exercises are emphasized. This course is a required course in the Pilates Instructor Certificate of Achievement. Successful completion of the certificate provides students the opportunity to work in the fitness industry as a Pilates instructor. Pass/No Pass Option. Transfer: CSU
N 50389 MTWTh 5:15PM - 7:25PM V Piatt PE 8 3.00 + LAB V Piatt ONLINE SECTION #50388 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This is a HYFLEX class that meets either in the ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas, and meets on MTWTh, 5:15PM-7:25PM in Room PE 8. Students can attend class via videoconference or in person in Room PE 8. The remaining part of this class meets ONLINE in the ASYNCHRONOUS learning modality. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

KINS 11.08  PILATES MAT WORKOUT
This course provides students with the opportunity to gain muscular strength and endurance. The exercises are designed to improve posture, body alignment and flexibility. Injury prevention, stress reduction, and increased self-confidence are emphasized. Pilates mat work emphasizes core muscle use as it applies to everyday movement. Pass/No Pass Option. Transfer: CSU/UC
50384 MTWTh 3:00PM - 5:10PM V Piatt PE 8 1.00 SECTION #50384 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This is a HYFLEX class that meets either in the ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas, and students attend via videoconference on MTWTh from 10:30 am - 12:40 pm. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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, flexibility, balance, body awareness, and relaxation. Pass/No Pass Option. Transfer: CSU/UC
50385 MTWTh 3:00PM - 5:10PM V Piatt PE 8 1.00 SECTION #50385 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This is a HYFLEX class that meets either in the ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas, and meets on MTWTh, 3:00PM-5:10PM in Room PE 8. Students can elect to attend class via videoconference or in person in Room PE 8. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

KINS 11.10  ADVANCED PILATES
This course provides students the opportunity to gain core strength, muscular endurance, and flexibility while performing advanced Pilates exercises on the mat. Large apparatuses are introduced to further explore corrective exercises for functional fitness and athletic performance. This course introduces the proper use of the Reformer, Cadillac, Chair and Arc barrels. Pass/No Pass Option. Transfer: CSU/UC
50386 MTWTh 3:00PM - 5:10PM V Piatt PE 8 1.00 SECTION #50386 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This is a HYFLEX class that meets either in the ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas, and meets on MTWTh, 3:00PM-5:10PM in Room PE 8. Students can elect to attend class via videoconference or in person in Room PE 8. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

KINESIOLOGY—THEORY

KINT 030  INTRODUCTION TO KINESIOLOGY
This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. Pass/No Pass Option. Transfer: CSU/UC
O 50342 MTWTh 10:30AM - 12:40PM H Weber ONLINE 3.00 SECTION #50342 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

MATHEMATICS

MATH 000D  TRIGONOMETRY
Prerequisites: MATH 104 or MATH 104R, and MATH 106 or MATH 106R. This course covers the study of trigonometric functions. Topics include graphs, inverses, identities and proofs related to trigonometric expressions, trigonometric equations, solving right and oblique triangles, and the introduction to vectors. Transfer: CSU
O 50152 MTWTh 10:30AM - 12:40PM N Jain ONLINE 3.00 SECTION #50152 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via videoconference on MTWTh from 10:30 am - 12:40 pm. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty. 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 001  PRE-CALCULUS ALGEBRA
Prerequisite: MATH 106 or 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
O 50153 MTWTh 7:30AM - 10:20AM H Meng ONLINE 4.00 SECTION #50153 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via videoconference on MTWTh from 7:30 am - 10:20 am. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

Asynchronous – An online class that does not have scheduled meetings. Synchronous – An online class that has mandatory scheduled meetings.
50154 MTWTh 10:30AM - 1:20PM P Mani SM 6 4.00 SECTION #50154 BEGINS 06/21/22 CLASS ENDS 07/29/22 NOTE: Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED. Find instructor contact information at www.westvalley.edu/faculty.

50155 MTWTh 10:30AM - 1:20PM K Pham ONLINE 4.00 SECTION #50155 BEGINS 06/21/22 CLASS ENDS 07/29/22 NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty. 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

50156 MTWTh 8:00AM - 11:50AM J Gonzalez ONLINE 5.00 SECTION #50156 BEGINS 06/21/22 CLASS ENDS 07/29/22 NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on MTWTh from 8:00 am - 11:50 am. Link to Canvas from the top of the WVC homepage. Find instructor contact information at westvalley.edu/faculty. 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.

50157 MTWTh 10:30AM - 2:20PM G Aleu SM 10 5.00 SECTION #50157 BEGINS 06/21/22 CLASS ENDS 07/29/22 NOTE: Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED. Find instructor contact information at www.westvalley.edu/faculty.

50158 MTWTh 10:30AM - 2:20PM F Maddux ONLINE 5.00 SECTION #50158 BEGINS 06/21/22 CLASS ENDS 07/29/22 NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on MTWTh from 10:30 am - 2:20 pm. Link to Canvas from the top of the WVC homepage. Find instructor contact information at westvalley.edu/faculty. 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.

50699 MTWTh 10:30AM - 2:20PM H Nadkarni ONLINE 5.00 SECTION #50699 BEGINS 06/21/22 CLASS ENDS 07/29/22 NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on MTWFR from 10:30 am - 2:20 pm. Link to Canvas from the top of the WVC homepage. Find instructor contact information at westvalley.edu/faculty. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

50160 MTWTh 10:30AM - 2:20PM W Breder ONLINE 5.00 SECTION #50160 BEGINS 06/21/22 CLASS ENDS 07/29/22 NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on MTWTh from 10:30 am - 2:20 pm. Link to Canvas from the top of the WVC homepage. Find instructor contact information at westvalley.edu/faculty. For textbook information, email the instructor at william.breder@westvalley.edu. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.

50161 MTWTh 10:30AM - 2:20PM S Chen ONLINE 5.00 SECTION #50161 BEGINS 06/21/22 CLASS ENDS 07/29/22 NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty. Texas Instruments TI-83+ or TI-84+ graphing calculator is REQUIRED.
MATH 012 APPLIED CALCULUS
Prerequisite: MATH 106 or 106R. This course presents a study of the techniques of calculus with emphasis placed on the application of these concepts to business and management related problems as well as applications for life sciences majors. The applications of derivatives and integrals of functions including polynomial, rational, exponential and logarithmic functions are studied. This course is not equivalent to Math 3A. Transfer: CSU/UC

MATH 024 TRIGONOMETRY
Prerequisite: MATH 012 or MATH 106. This course presents a study of trigonometric functions and their inverses. 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 028 MATH EMPL/1ST SEM.K12
This course serves as a preparation for students entering Math 010K, 020K, 030K, 040K, 050K, and/or 060K. In this course, students have the opportunity to develop entry-level math and study skills needed to succeed in Intermediate Algebra through classroom instruction and by using a web-based math learning system. Pass/No Pass Only.

MATH 090 INTRODUCTION TO ALGEBRA
Prerequisite: MATH 028. This course serves as a preparation for Math 903 or Math 903R or LRSV 945. In this course, students have the opportunity to develop entry-level math and study skills needed to succeed in Intermediate Algebra through classroom instruction and by using a web-based math learning system. Pass/No Pass Only.

MATH 093 ELEMENTARY ALGEBRA
Prerequisite: MATH 903 or MATH 903R or LRSV 945. This course serves as a preparation for Math 903/903R. In this course, students have the opportunity to develop entry-level math and study skills needed to succeed in Intermediate Algebra through classroom instruction and by using a web-based math learning system. Pass/No Pass Only.

MATH 094 PREPARATION FOR INTERMEDIATE ALGEBRA
This course serves as a preparation for Math 106. In this course, students have the opportunity to develop entry-level math and study skills needed to succeed in Intermediate Algebra through classroom instruction and by using a web-based math learning system. Pass/No Pass Only.

MATH 106 INTERMEDIATE ALGEBRA
Prerequisite: MATH 090 or MATH 093R 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 106P PREPARATION FOR INTERMEDIATE ALGEBRA
This course serves as a preparation for Math 106. In this course, students have the opportunity to develop entry-level math and study skills needed to succeed in Intermediate Algebra through classroom instruction and by using a web-based math learning system. Pass/No Pass Only.

MATH 108P PREPARATION FOR ELEMENTARY ALGEBRA
This course is a preparation for Math 903/903R. In this course, students have the opportunity to develop the appropriate entry-level math and study skills needed in Elementary Algebra by using a web-based computer algebra system. Pass/No Pass Only.

MATH 109 INTERMEDIATE ALGEBRA
This course serves as a preparation for students entering Math 000K or 001K or 002K or 003K or 004K. In this course, students have the opportunity to develop entry-level math and study skills needed to succeed in Intermediate Algebra through classroom instruction and by using a web-based math learning system. Pass/No Pass Only.

MATH 109P PREPARATION FOR INTERMEDIATE ALGEBRA
This course serves as a preparation for students entering Math 000K or 001K or 002K or 003K or 004K. In this course, students have the opportunity to develop entry-level math and study skills needed to succeed in Intermediate Algebra through classroom instruction and by using a web-based math learning system. Pass/No Pass Only.

MATH 110 TRANSFER MATH PREPARATION 1 - PREPARATION FOR TRANSFER LEVEL
This course serves as a preparation for students entering Math 000D, 001, 002, 008, and/or 012. In this course, students have the opportunity to develop mathematical skills necessary in succeeding in a transfer level math course as well as study skills needed to succeed in Trigonometry. Pre-calculus Algebra and/or Applied Calculus through classroom instruction and by using a web-based algebra system. Pass/No Pass Only.

MATH 111 TRANSFER MATH PREPARATION 2 - PREPARATION FOR FIRST SEMESTER CALCULUS
This course serves as a preparation for students entering Math 003A, Calculus I, and/or Analytic Geometry. In this course, students have the opportunity to develop mathematical skills necessary in succeeding in a first-semester calculus course through classroom instruction and/or by using a web-based mathematics learning system. Pass/No Pass Only.
SUMMER 2022

NCMA 110 MATH JAM FOR STATISTICS
This course serves as a preparation for Math 10 and is designed to strengthen essential mathematical skills necessary in preparation for success in Elementary Statistics. Topics include concepts from arithmetic, algebra, and basic statistics that are needed to understand the content of a college-level statistics course.

50638 MTHWF 9:00AM - 3:00PM S Chen SM 5 0.00
SECTION #50638 BEGINS 06/15/22 CLASS ENDS 09/19/22
NOTE: Find instructor contact information at www.westvalley.edu/faculty. Calculators will be provided. Class time is for the lecture and lab. Lab portion is on MTHWF from 12:40PM - 3:00PM.

MUSIC
MUSC 054 HISTORY OF ROCK AND ROLL MUSIC
This course covers the history of Rock and Roll music from its inception in the mid 40's through the punk movement of the late 70's and beyond. This course examines the relationship between music, musicians, and society during this period.

50074 R Sinclair ONLINE 3.00
SECTION #50074 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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 the 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

50054 W Bowers-Gachesa ONLINE 3.00
SECTION #50054 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

PHYSICS
PHYS 002A GENERAL PHYSICS - MECHANICS
Prerequisite: MATH 000D or MATH 002. Advisory: PHYS 001. This is a trigonometry-based first course in Physics for majors in subjects other than engineering or the physical sciences. The course covers mechanics (motion, forces, torques, energy, momentum, and rotation), thermodynamics, fluid mechanics, and simple harmonic motion. Concepts and problem solving are emphasized. Transfer: CSU/UC

50032 MTHWF 2:00PM - 4:50PM K Nath SM 48 5.00
+ LAB MTHWF 5:10PM - 7:20PM K Nath SM 46
SECTION #50032 BEGINS 06/21/22 CLASS ENDS 07/28/22

PARALEGAL
PARA 024A WRITING FOR LAW PRACTICE
Prerequisite: PARA 018. 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

50135 S Hopkins ONLINE 1.50
SECTION #50135 BEGINS 06/06/22 CLASS ENDS 07/05/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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/No Pass Only. Transfer: CSU

50132 S Hopkins ONLINE 1.00
SECTION #50132 BEGINS 06/06/22 CLASS ENDS 07/05/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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

50133 S Hopkins TBA TBA 2.00
SECTION #50133 BEGINS 06/06/22 CLASS ENDS 07/29/22
NOTE: Students will be contacted on the first day of class.

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

N 50134 TTh 6:00PM - 9:05PM R Valdez CHE 131 1.50
SECTION #50134 BEGINS 07/05/22 CLASS ENDS 07/29/22
NOTE: This is a HYFLEX class that meets either in the ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas, and meets on TTh, Times 6:00PM-9:05PM. Students can elect to attend class via videoconference or in person in room CHE 127. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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

50054 W Bowers-Gachesa ONLINE 3.00
SECTION #50054 BEGINS 06/06/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

50055 D Russo ONLINE 3.00
SECTION #50055 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

PARALEGAL
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/No Pass Only. Transfer: CSU

50132 S Hopkins ONLINE 1.00
SECTION #50132 BEGINS 06/06/22 CLASS ENDS 07/05/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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.

50043 W Bowers-Gachesa ONLINE 3.00
SECTION #50043 BEGINS 06/06/22 CLASS ENDS 07/01/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

50044 D Russo ONLINE 3.00
SECTION #50044 BEGINS 06/06/22 CLASS ENDS 07/01/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

PHYSICS
PHYS 002A GENERAL PHYSICS - MECHANICS
Prerequisite: MATH 000D or MATH 002. Advisory: PHYS 001. This is a trigonometry-based first course in Physics for majors in subjects other than engineering or the physical sciences. The course covers mechanics (motion, forces, torques, energy, momentum, and rotation), thermodynamics, fluid mechanics, and simple harmonic motion. Concepts and problem solving are emphasized. Transfer: CSU/UC

50032 MTHWF 2:00PM - 4:50PM K Nath SM 48 5.00
+ LAB MTHWF 5:10PM - 7:20PM K Nath SM 46
SECTION #50032 BEGINS 06/21/22 CLASS ENDS 07/28/22

PHYS 004A ENGINEERING PHYSICS - MECHANICS
Prerequisite: MATH 003A. Advisory: PHYS 001. This is the first semester of a three-semester physics sequence, intended for students majoring in physical sciences and engineering. Mechanics is the first course in the engineering physics series. It covers vectors, kinematics, dynamics, energy, momentum, universal gravity, rotational physics, fluid dynamics, and elasticity. Transfer: CSU/UC

50033 MTHWF 7:30AM - 10:20AM D Epperson SM 48 5.00
+ LAB MTHWF 10:40AM - 12:50PM D Epperson SM 46
SECTION #50033 BEGINS 06/21/22 CLASS ENDS 07/28/22

Asynchronous – An online class that does not have scheduled meetings. Synchronous – An online class that has mandatory scheduled meetings.
PHYS 004B  ENGINEERING PHYSICS - ELECTRICITY AND MAGNETISM
Prequisites: 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 electrostatics (electric fields, Gauss’s Law, electric potential, capacitors and dielectric), magnetism (applications of Ampere’s Law, inductance and Faraday’s Law of Induction, magnetic properties of matter), DC and AC circuits (direct current, resistance, electromotive force, alternating currents), and Maxwell’s equations. Transfer: CSU/UC
50034  MTWTh  10:30AM - 1:20PM  S Koons  SM 46  5.00
+ LAB MTWTh  8:00AM - 10:10AM  S Koons  SM 46
SECTION #50034 BEGINS 06/21/22 CLASS ENDS 07/28/22

PHYS 010  CONCEPTUAL INTRODUCTION TO PHYSICS
This course takes a conceptual approach to physics. Topics include mechanics, heat, fluids, solids, waves, electricity, magnetism, light, atomic physics, nuclear physics. A lab is included with the course to experience the phenomena discussed in lecture. Transfer: CSU/UC
50035  MTWTh  11:15AM - 1:25PM  M Shahram  SM 47  4.00
+ LAB MTWTh  1:45PM - 3:55PM  M Shahram  SM 46
SECTION #50035 BEGINS 06/21/22 CLASS ENDS 07/28/22

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 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
50008  TWTh  6:00PM - 8:50PM  J Ukudeeva ONLINE 3.00
SECTION #50008 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on Days TWTh, Times 6:00PM-8:50PM. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
O 50005  ONLINE 3.00
SECTION #50005 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
O 50007  ONLINE 3.00
SECTION #50007 BEGINS 06/21/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
O 50004  ONLINE 3.00
SECTION #50004 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
O 50006  ONLINE 3.00
SECTION #50006 BEGINS 06/21/22 CLASS ENDS 07/15/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

REAL ESTATE

RLST 090  PRINCIPLES OF REAL ESTATE
This is a required course to obtain a Real Estate Salesperson license. This course summarizes information required for the State of California Real Estate Salesperson’s license examination. This course covers the basic background and terminology necessary for advanced study in other real estate courses. This course is intended to acquaint students with little or no training or experience in real estate with the real estate industry. This course also applies toward the educational requirements for the California Real Estate Broker’s license examination. Pass/No Pass Option. Transfer: CSU
O 50079  ONLINE 3.00
SECTION #50079 BEGINS 06/06/22 CLASS ENDS 07/16/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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 50080  ONLINE 3.00
SECTION #50080 BEGINS 06/06/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

PSYCHOLOGY

PSYC 001  GENERAL PSYCHOLOGY
This course introduces students to general psychology as a behavioral science with an emphasis on the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories and concepts, methods, and research findings in psychology. Transfer: CSU/UC
50089  MTWTh  10:30AM - 2:00PM  J Bautista  LASS 23  3.00
SECTION #50089 BEGINS 06/21/22 CLASS ENDS 07/15/22

Asynchronous – An online class that does not have scheduled meetings. Synchronous – An online class that has mandatory scheduled meetings.
SUMMER — 2022

RLST 099 PROPERTY MANAGEMENT
Advisory: RLST 099. 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

SOCIAL JUSTICE STUDIES

SOCI 001 INTRODUCTION TO SOCIOLOGY
This course is an introduction to the field of sociology as a scientific discipline; emphases on global studies, cross-cultural analysis, and American cultural diversity in terms of cultural heritage and national origin, race/color/ethnicity, social class, gender/sexuality/women’s studies, family structure, age, abilities; analysis of the relationship between personality development and the socialization process; the sociological perspective of social structure, institutions and processes. Pass/No Pass Option. Transfer: CSU/UC

SOCI 020 SOCIOLOGY OF RACE AND ETHNICITY
This sociology course analyzes race and ethnicity by addressing global dynamics, cross-cultural comparisons, and U.S. minorities. The course focuses on social interactional patterns and social structures, including economic, political, educational, religious, and other social institutions – that support or challenge racism, stratification, and inequality across the U.S. and globally. The course assesses efforts to promote racial harmony and solutions to address racial/ethnic inequality. Pass/No Pass Option. Transfer: CSU/UC

SOCI 045 SOCIOLOGY OF HUMAN SEXUALITY
The course examines the interplay of the sociological/ sociocultural perspective with psychological, biological, historical, and technological, and other factors in human sexuality. Current sex norms, trends and various aspects of interpersonal and individual sexual adjustment are explored as they relate to larger social structures, institutions and processes. Pass/No Pass Option. Transfer: CSU/UC

SOCI 022 SOCIAL PROBLEMS
This social problems course identifies and analyzes contemporary social problems, with emphases on the U.S., cross-cultural comparisons, and globally. The course focuses on the role of power and ideology in the definition of social problems, identifying the causes of various social problems and consequences, and evaluating proposed solutions. The course provides a comprehensive overview in current events, policy debates, and emerging social trends. Pass/No Pass Option. Transfer: CSU/UC

THEATER ARTS

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

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 techniques. Pass/No Pass Option. Transfer: CSU/UC

Asynchronous – An online class that does not have scheduled meetings.  Synchronous – An online class that has mandatory scheduled meetings.
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/No Pass Only. Transfer: CSU

50255  F  12:00PM - 1:30PM J Wagner ONLINE 0.50
SECTION #50255 BEGINS 06/13/22 CLASS ENDS 07/05/22
NOTE: This class meets ONLINE in both the SYNCHRONOUS and ASYNCHRONOUS modalities. The class uses Canvas, and students attend via video conference on the following Fridays: June 17, June 24 and July 1 from 12:00PM -1:30PM. The remaining part of this class meets ONLINE in the ASYNCHRONOUS modality. Link to Canvas and WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

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

O 50056  ONLINE 4.00
SECTION #50056 BEGINS 06/21/22 CLASS ENDS 07/29/22
NOTE: This class meets ONLINE in the ASYNCHRONOUS learning modality. The class uses Canvas, and does not have scheduled meeting times. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
CONTINUING EDUCATION COURSES

NOTE: The courses below are free, noncredit courses. Site locations to non-older adult classes are found on the School of Continuing Education’s website.

www.westvalley.edu/schools/continuing-education/

<table>
<thead>
<tr>
<th>Noncredit Off-Campus Locations</th>
<th>Schedule Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amigos de Guadalupe</td>
<td>AMGO</td>
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<tr>
<td>1897 Alum Rock Ave., Suite 35, San Jose</td>
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<tr>
<td>Campbell Adult and Community Education - BLACKFORD site</td>
<td>BLACKFORD</td>
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<tr>
<td>3800 Blackford Ave, San Jose</td>
<td></td>
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<tr>
<td>Campbell Adult and Community Education - DELMAR site</td>
<td>DELMAR</td>
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<tr>
<td>1224 Del Mar Avenue, San Jose</td>
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<tr>
<td>Immanuel Evangelical Lutheran Church</td>
<td>IELC</td>
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<tr>
<td>1710 Moorpark Ave. San Jose</td>
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<tr>
<td>PARS Equality Center</td>
<td>PARS</td>
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<tr>
<td>1635 The Alameda, San Jose</td>
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<tr>
<td>Santa Clara Adult School</td>
<td>SCAS</td>
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<tr>
<td>1840 Benton Avenue, Santa Clara</td>
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<tr>
<td>Santa Maria Urban Ministry</td>
<td>SMUM</td>
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<tr>
<td>778 S. Almaden, San Jose</td>
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<tr>
<td>Silicon Valley CTE</td>
<td>SYCTE</td>
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<tr>
<td>760 Hillsdale Ave., San Jose</td>
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<tr>
<td>Silicon Valley Adult Education</td>
<td>SVAE</td>
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<tr>
<td>760 Hillsdale Ave., San Jose</td>
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ACCOUNTING

NCBU 002 PAYROLL ACCOUNTING AND BOOKKEEPING
Advisory: NCBU 001. This course covers the foundation required for success in calculating payroll, completing payroll taxes, and preparing payroll records and reports, focusing on practical applications as well as theory. Students have the opportunity to gain firsthand experience practicing concepts with useful, hands-on exercises involving relevant, detailed examples and real-life business applications.

O 50448 TTh 6:00PM - 9:00PM V Chand ONLINE 0.00 SECTION #50448 BEGINS 06/06/22 CLASS ENDS 08/02/22 NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on Dates 6/06/22-8/04/22, Days TR, Times 6:00PM-9:00PM. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty

NCBU 004 EXCEL FOR ACCOUNTING AND BOOKKEEPING
Advisory: BUSN 046B. This course covers fundamentals of spreadsheets using Excel software typically used in accounting and bookkeeping. Students will have the opportunity to gain firsthand experience to practice concepts with useful, hands-on exercises using relevant, detailed examples and real-life business applications.

O 50582 W 6:00PM - 9:15PM V Chand ONLINE 0.00 SECTION #50582 BEGINS 06/06/22 CLASS ENDS 08/02/22 NOTE: This class meets in the SYNCHRONOUS learning modality. The class uses Canvas and students attend via video conference at the following dates and times: 6/08/22-8/03/22, W, 6:00pm-9:15pm. Link to Canvas from the top of the WVC homepage. Find class and instructor contact information at www.westvalley.edu/faculty

NCBU 006 QUICKBOOKS: SET-UP AND SERVICES BUSINESS
Advisory: NCBU 002. This course is designed for students with prior accounting knowledge. The course covers the steps in the accounting process for a service company. Using the QuickBooks computerized accounting software package, students have an opportunity to learn practices for handling sales receivables, payables and purchases, and general accounting and month end procedures.

O 50583 M 6:00PM - 9:00PM V Chand ONLINE 0.00 SECTION #50583 BEGINS 06/06/22 CLASS ENDS 08/02/22 NOTE: This class meets in the SYNCHRONOUS learning modality. The class uses Canvas and students attend via video conference at the following dates and times: 6/06/22-8/08/22, M, 6:00pm-9:00pm. Link to Canvas from the top of the WVC homepage. Find class and instructor contact information at www.westvalley.edu/faculty

CHEMISTRY

NCCH 110 CHEMISTRY JAM AND PREP
Designed for students who are preparing to take Chemistry 1A to review foundational Chemistry concepts such as unit conversions, significant figures, balancing equations, and stoichiometry while receiving academic support and instruction.

50429 MTWTh 9:00AM - 3:00PM G Eldridge SM 35 0.00 SECTION #50429 BEGINS 08/15/22 CLASS ENDS 08/19/22 NOTE: Class meeting time is for the lecture and lab. Lab portion meets MTWTh from 12:40PM - 3:00PM.

CITIZENSHIP

NCIE 110A BASIC AMERICAN ENGLISH AND CIVICS 1
This course provides instruction in basic cross-cultural skills for immigrants and their families. Lessons include vocabulary and concepts related to home, family, and daily survival skills. Students have the opportunity to improve their cultural adaptation to the new cultural environment.

50681 TTh 9:30AM - 11:20AM M Rodriguez Juarez PARS 0.00 SECTION #50681 BEGINS 06/07/22 CLASS ENDS 07/31/22 NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on Days TTh, Times 9:30AM-11:30AM. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty

NCIE 110B BASIC AMERICAN ENGLISH AND CIVICS 2
Advisory: NCIE 110A. This course continues the instruction in cross-cultural skills for immigrants and their families begun in NCIE 110A. Lessons include vocabulary, concepts, and authentic task-based activities related to daily survival skills, and civic operations such as the post office, hospital, and bank. Students have the opportunity to further improve their cultural adaptation to the new cultural environment.

50595 MTWTh 9:00AM - 12:15PM L Sadasivan ONLINE 0.00 SECTION #50595 BEGINS 06/13/22 CLASS ENDS 07/07/22 NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on Days MTWTh, Times 9:00AM-12:15PM. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty

50597 MTWTh 9:00AM - 12:15PM L Sadasivan ONLINE 0.00 SECTION #50597 BEGINS 08/03/22 CLASS ENDS 08/25/22 NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on Days MTWTh, Times 9:00AM-12:15PM. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty

50596 MTWTh 9:00AM - 12:15PM L Sadasivan ONLINE 0.00 SECTION #50596 BEGINS 07/11/22 CLASS ENDS 08/02/22 NOTE: This class meets ONLINE in the SYNCHRONOUS learning modality. The class uses Canvas, and students attend via video conference on Days MTWTh, Times 9:00AM-12:15PM. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty
Asynchronous – An online class that does not have scheduled meetings.  
Synchronous – An online class that has mandatory scheduled meetings.
Asynchronous – An online class that does not have scheduled meetings.  Synchronous – An online class that has mandatory scheduled meetings.

NCCC 016M 160 WPM: MULTI-VOICE FOCUS
Advisory: NCCC 012 or NCCC 012M. In this course, students have the opportunity to study and apply theory concepts to recognize and create stenographic outlines for intermediate-level legal terms and phrases necessary to attain a writing speed of 160 words per minute with a focus on multi-voice writing and transcription. Correct formatting of numbers as applied in legal transcripts recording multiple speakers is presented and reinforced through class activities and assignments. Lecture content and assignments include how to read and interpret the court calendar to identify and apply information critical to the official court reporter.

50037 MTWTh 12:00PM - 3:05PM  S Vartanian  V 11  0.00
E Van Dorn/C Leung
SECTION #50037 BEGINS 06/06/22 CLASS ENDS 08/11/22
NOTE: This is a HYFLEX class that meets either in ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas. Class meeting time is for the lecture and lab. Lab portion meets Th from 12:00PM - 3:05PM. Students can elect to attend class via videoconference or in person in room V11. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

NCCC 018M 180 WPM: MULTI-VOICE FOCUS
Advisory: NCCC 016 or 016M. In this course, students have the opportunity to recognize and create stenographic outlines for intermediate to advanced-level vocabulary, terminology, and phrases. Students will apply speed-building techniques necessary to attain a writing speed of 180 words per minute with a focus on multi-voice reporting. Machine and voice writing and transcription also include application of “realtime” writing skills for educational captioning. Lecture content and assignments focus on multi-voice reporting and educational captioning requirements and considerations.

50038 MTWTh 12:00PM - 3:05PM  S Vartanian  V 11  0.00
E Van Dorn/C Leung
SECTION #50038 BEGINS 06/06/22 CLASS ENDS 08/11/22
NOTE: This is a HYFLEX class that meets either in ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas. Class meeting time is for the lecture and lab. Lab portion meets Th from 12:00PM - 3:05PM. Students can elect to attend class via videoconference or in person in room V11. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.

KINESIOLOGY—ADAPTED
NCPE 1.33 ADAPTED AQUATICS
This non-credit adapted physical education course is designed to meet the needs of students with disabilities. This course provides instruction in dynamic water exercises with a focus on the development of cardiovascular endurance, muscle strength, flexibility, and balance. Individualized swimming programs and water safety are included. Emphasis is on encouraging independence through the teaching of lifelong fitness skills.

50471 MTWTh 12:30PM - 2:00PM Barrilleaux/Ligocki PE POOL 0.00
SECTION #50471 BEGINS 06/06/22 CLASS ENDS 07/29/22

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.

50466 MTWTh 8:45AM - 10:15AM C Ligocki PE POOL 0.00
SECTION #50466 BEGINS 06/06/22 CLASS ENDS 07/29/22
NOTE: This is a HYFLEX class that meets either in the ONLINE SYNCHRONOUS learning modality OR IN PERSON. The class uses Canvas, and meets on MTWTh, 8:45AM - 10:15AM. Students can elect to attend class via video conference or in person in room V9. Link to Canvas from the top of the WVC homepage. Find instructor contact information at www.westvalley.edu/faculty.
MATHEMATICS

NCMA 110 MATH JAM FOR STATISTICS
This course serves as a preparation for Math 10 and is designed to strengthen essential mathematical skills necessary in preparation for success in Elementary Statistics. Topics include concepts from arithmetic, algebra, and basic statistics that are needed to understand the content of a college-level statistics course.

50638 MTWThF 9:00AM - 3:00PM S Chen SM S  0.00
SECTION #50638 BEGINS 08/15/22 CLASS ENDS 08/19/22

Asynchronous – An online class that does not have scheduled meetings.
Synchronous – An online class that has mandatory scheduled meetings.

OLDER ADULT COURSES

NCAD 101 STAY FIT FOR OLDER ADULTS
Everyday movement as we age enables us to stay fit. This course is designed to enhance overall conditioning by incorporating a variety of functional exercises that increase the ability to successfully navigate daily activities.

50636 MF 10:00AM - 11:05AM C Teerlink ONLINE 0.00
SECTION #50636 BEGINS 06/06/22 CLASS ENDS 08/12/22

NCAD 102 BALANCE AWARENESS FOR OLDER ADULTS
This balance course addresses the importance of maintaining a high level of balance and mobility especially as we age. A good foundation of balance is essential to performing basic activities of daily living and being able to enjoy an active and healthy lifestyle.

50637 W 10:00AM - 11:05AM C Teerlink ONLINE 0.00
+ LAB F 11:30AM - 12:35PM C Teerlink ONLINE
SECTION #50637 BEGINS 06/08/22 CLASS ENDS 08/05/22

NCAD 140 FORUM ON LOCAL AND GLOBAL TOPICS
This non-credit course expands the students’ knowledge of economic, social, governmental, historical, geographic, and cultural issues. Students also expand communication skills as they expand knowledge of world, national, and local issues and become better informed community members.

50648 T 10:15AM - 11:45AM G Walton MIS1WV  0.00
SECTION #50648 BEGINS 05/31/22 CLASS ENDS 08/25/22

NCAD 145 OLDER ADULT ART
This non-credit course expands students’ knowledge of art and crafts while they explore artistic expression and its place in our culture as well as other cultures. It provides an opportunity for practical application, using diverse media and techniques in the production of art and crafts items for personal use and gifts.

50651 M 9:30AM - 11:35AM G Walton OAKWV  0.00
SECTION #50651 BEGINS 05/31/22 CLASS ENDS 08/25/22

50653 M 2:00PM - 4:05PM G Walton WESTWV  0.00
SECTION #50653 BEGINS 05/31/22 CLASS ENDS 08/25/22

50648 T 10:15AM - 11:45AM G Walton MIS1WV  0.00
SECTION #50648 BEGINS 05/31/22 CLASS ENDS 08/25/22

50652 W 9:30AM - 11:00AM G Walton OAKWV  0.00
SECTION #50652 BEGINS 05/31/22 CLASS ENDS 08/25/22

50654 W 2:00PM - 3:30PM G Walton WESTWV  0.00
SECTION #50654 BEGINS 05/31/22 CLASS ENDS 08/25/22

50650 Th 1:40PM - 3:10PM G Walton WBCCWV  0.00
SECTION #50650 BEGINS 05/31/22 CLASS ENDS 08/25/22