ACCT 090
Introduction to Accounting
3 Units
Advisory: READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment; MGMT 052
This course provides basic knowledge of accounting terms, concepts, and procedures for a sole proprietorship form of business. Topics include the analysis and recording of business transactions for service and merchandising firms, and the preparation of simple financial statements. Accounting for cash, sales, purchases, payroll, and the end-of-the-year procedures is presented. This course is designed for the occupationally-oriented students or those preparing for Financial Accounting and Computerized Accounting.

51725  CLAS  6/20/16 - 8/12/16  MW  0800 - 1120  Johnnie Atkins  B119

ACCT 101
Financial Accounting
4 Units
Advisory: READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment; ACCT 090; MGMT 052
Transfers to: UC, CSU
This course is the study of accounting as an information system and how information is used by investors, creditors, and other external users to make decisions. The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis. Topics includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. This course is required of all accounting and business administration majors.

50121  CLAS  6/20/16 - 8/12/16  MTWR  1105 - 1315  Steven Valdes  B118
51508  WEB  6/20/16 - 8/12/16  Jeannie Liu
51531  WEB  6/20/16 - 8/12/16  Janet Cha

ACCT 102
Managerial Accounting
4 Units
Prerequisite: ACCT 101 with a grade of "C" or better
Advisory: READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment
Transfers to: UC, CSU
This course introduces students to the fundamentals of managerial accounting for decision making. This course is the study of how managers use accounting information in decision-making, planning, directing and controlling operations. The course focuses on the flow of costs in a manufacturing environment, cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Topics include issues relating to cost systems, cost control, profit planning, and performance analysis in manufacturing environments. This course is required of all accounting and business majors.

50210  WEB  6/20/16 - 8/12/16  Jeannie Liu

ADN 151
Clinical Nursing Concepts
2 Units
Prerequisite: BIOL 125, BIOL 222, BIOL 226 and ENGL 101 all with a grade of "C" or better
Corequisite: ADN 151L
Advisory: READ 023 or appropriate assessment; MATH 070 or MATH 070D or MATH 073 or appropriate assessment
Transfers to: CSU
This is an introductory course in basic clinical nursing concepts. The student will be introduced to a theoretical framework for nursing practice including the nursing process, the conceptual model used in the Associate Degree Nursing program and QSEN. Concepts related to therapeutic communication, legal and ethical issues, documentation and safety are included. In addition, concepts related to assessment, nursing interventions and individualization of patient care will be presented. The Board of Registered Nursing requires that students must be concurrently enrolled in both ADN 151 and ADN 151L, and pass both courses together. They cannot be taken individually for credit.

51778 CLAS 6/6/16 - 7/29/16 W 0800 - 1215 Gail Biesemeyer

ADN 151L
Clinical Nursing Concepts Lab
2 Units
Prerequisite: BIOL 125, BIOL 222, BIOL 226 and ENGL 101 all with a grade of "C" or better
Corequisite: ADN 151
Advisory: READ 023 or appropriate assessment; MATH 070 or MATH 070D or MATH 073 or appropriate assessment
Transfers to: CSU
This is an introductory laboratory and clinical course designed to familiarize the student with the nursing process and its application to patient care. Principles and techniques for nursing skills will be introduced in order to provide the student with the opportunity to demonstrate mastery of those skills and subsequently the ability to function safely and appropriately in the laboratory and clinical setting. The Board of Registered Nursing requires that students must be concurrently enrolled in both ADN 151 and ADN 151L, and pass both courses together. They cannot be taken individually for credit.

51779 LAB 6/6/16 - 7/1/16 MT 0700 - 1330 To Be Assigned S202
7/4/16 - 7/29/16 RF 0700 - 1330 To Be Assigned Whittier Hospital Medical Ctr

51780 LAB 6/6/16 - 7/1/16 MT 0700 - 1330 To Be Assigned S208
7/4/16 - 7/29/16 RF 0700 - 1330 Olga Lawrence Beverly Hospital

51781 LAB 6/6/16 - 7/1/16 MT 0700 - 1330 Katherine Lopez-Alvarado S204
7/4/16 - 7/29/16 RF 0700 - 1330 Patricia Luna PIH Health Whittier

51782 LAB 6/6/16 - 7/1/16 RF 0700 - 1330 Pam Boyd S204
7/4/16 - 7/29/16 RF 0700 - 1330 Martha Mitchell PIH Health Downey

AET 120
Introduction to Alternative Energy Technology (Same as ET 120)
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment
Transfers to: CSU
This course is an introductory course that will examine the theory behind present day energy systems which will include an in-depth analysis of the design and installation of alternate energy systems. Topics will include: solar electrical systems, wind electrical systems, solar water heating systems, wind mechanical systems, small hydro-electrical systems, and conservation methods used to save energy. Also presented are topics on geothermal energy, fuel cells, biomass systems, and applications of alternate energy in transportation, industrial, commercial, and residential systems. Students will collect solar data using an irradiance meter and determine power consumption of a typical residence to develop an alternative energy solution. This course is intended for students that are contemplating a career in the alternative energy industry.

51818 CLAS 6/20/16 - 7/29/16 TWR 1800 - 2015 To Be Assigned T101 LAB
6/20/16 - 7/29/16 TWR 2020 - 2135 To Be Assigned T101
Photovoltaic Systems Design and Installation (Same as ET 121)
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate Assessment
Transfers to: CSU
This in an introductory course that will examine and implement the design and installation of solar photovoltaic power systems, which will include the installation of a working solar photovoltaic power system. Students will learn how to perform solar site evaluations, electrical load calculations, solar system size calculations, and installation techniques for grid-tie and off-the-grid photovoltaic systems. This course is designed to prepare the student for the North American Board of Certified Energy Practitioners (NABCEP) Entry Level Exam. This course is intended for students that are contemplating a career in the solar photovoltaic energy industry.

AJ 101
Introduction to Administration of Justice
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
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 principals 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, sentencing, and incarceration policies.

AJ 102
Criminal Procedures
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is designed to provide Administration of Justice or other interested students with an in-depth study of the legal responsibilities of law enforcement. An emphasis will be placed on the judicial segment of the administration of justice system. Topics include laws of arrest, custody, past, present, and future analysis of the procedures for each subsystem within the administration of justice system from initial entry to final disposition. The relationship each segment maintains with system members will also be covered.

AJ 104
Legal Aspects of Evidence
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AJ 101
Transfers to: CSU
This course is designed to provide Administration of Justice or other interested students with an in-depth study of evidence rules. An emphasis will be placed on the application of rules in preparing and presenting evidence. The course will discuss the history and approach to the study of evidence. Topics include proof by evidence and substitutes, general admissibility tests, evidence by way of witness testimony, documents,
real evidence, and exclusion of evidence on constitutional grounds. For a better understanding of the
evidence rules, judicial decisions are cited and students will be required to brief cases.

AJ 105
Community Relations/Multicultural Issues Within Public Service
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AJ
101
Transfers to: UC, CSU
This course examines the complex, dynamic relationship between communities and the justice system in
addressing crime and conflict with an emphasis on the challenges and prospects of administering justice
within a diverse multicultural population. Topics covered may include crime prevention, restorative
justice, conflict resolution, and ethics.

AJ 106
Criminal Law I
3 Units
Prerequisite: AJ 101 with a grade of "C" or better, or completion of PAC 040 or equivalent
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following
courses: AJ 106 or AJ 107)
This course offers an analysis of the doctrines of criminal liability in the United States and the classification
of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the
classification of crime, the general elements of crime, the definitions of common and statutory law, and the
nature of acceptable evidence. This course utilizes case law and case studies to introduce students to
criminal law. The completion of this course offers a foundation upon which upper-division criminal justice
courses will build. The course will also include some limited discussion of prosecution and defense decision
making, criminal culpability, and defenses to crimes.

AJ 107
Criminal Law II
3 Units
Prerequisite: AJ 101 with a grade of "C" or better, or completion of PAC 040 or equivalent
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following
courses: AJ 106 or AJ 107)
This course is designed to provide Administration of Justice or other interested students with a
comprehensive discourse on criminal statutes and their definition. Topics include classification as applied
to the system of administration of justice, crimes against persons, property, general statutes, and health and
safety statutes as well as other state and federal laws.

AJ 275
Introduction to Forensic Science
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is designed to prepare Administration of Justice, Forensic Science, and California Peace Officer
students for the Forensic Science Identification Program. This course provides an introduction to the role of
forensics in criminal investigations. It examines the methods utilized in the forensic analysis of crime
scenes, pattern evidence, instruments, firearms, questioned documents and controlled substances.
**ANIM 105**  
**Principles of Animation**  
3 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; ART 130; ART 230  
Transfers to: CSU  
This course introduces students to the basic principles that are the foundation for the art form of animation. The topics covered in this course are the starting point for any student interested in becoming a digital animator. Through the use of a computer, solid drawing and 3D software such as Maya, students will learn to master fundamentals like squash and stretch, timing, weight, drag and follow through. This course provides students with the opportunity to build and refine the basic skill set necessary to be a digital animator.

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**ANTH 101**  
**Introduction to Physical Anthropology**  
3 Units  
Prerequisite: ENGL 030 or ENLA 034 or appropriate assessment; READ 021 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment  
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: ANTH 101 or ANTH 101H)  
In this course, people are investigated from the perspective of evolutionary theory. Students will learn about the process of natural selection and related issues including patterns of inheritance. Also included will be an examination of the closest living relatives to humans, primates, with an emphasis on behavior and ape societies. An extensive survey of human ancestors will trace the origins of various life forms and recount how ape–like creatures evolved into modern humans. Students will also discover how natural selection can be used as a tool to understand patterns of human variation. This course is designed for anthropology majors, those with an interest in anthropology, or anyone with a desire to further their understanding of humans from an evolutionary perspective.

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**ANTH 101L**  
**Physical Anthropology Lab**  
1 Unit  
Prerequisite/Corequisite: ANTH 101 or ANTH 101H  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC, CSU  
This laboratory course, designed to complement the lecture course, is for students interested in expanding their knowledge of physical anthropology. Students will be introduced to the methods, techniques, and procedures used in physical anthropology research, gaining practical experience by participating in laboratory activities and experiments employing the scientific method. Laboratory exercises will include an assessment of the forces that affect evolutionary change, the observation of primate behavior, the assessment of human variation, and the identification and classification of the skeletal features of humans, non- human primates, and human ancestors. Also included will be an exploration of Mendelian, molecular, and population genetics.

| Section | 51023 | LAB  | 6/6/16 - 7/8/16 | MTWR | 0800 - 1025 | Billy Wong | S230 |

**ANTH 102**  
**Introduction to Cultural Anthropology**  
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
The emphasis of this general education course is the investigation of human culture. By learning about the diversity of cultural practices around the world, students will be able to evaluate their identities within their own societies. In addition to discovering the theories and methods important to cultural anthropology, the course will include an extensive examination of cross-cultural diversity. Students will learn about how people in different cultures obtain their food, exchange goods, organize themselves in groups, engage in politics, raise children, and worship supernatural beings. Also addressed will be the issue of how cultural anthropology can contribute to addressing problems important in the modern world. This course is designed for anthropology majors, those with an interest in anthropology, or anyone with a desire to further their understanding of human culture.

ANTH 103
Introduction to Archaeology
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
Archaeology is the study of past societies through the analysis of material remains. This general education course will survey the development of major cultural centers around the world including those found in Mesoamerica, South America, Egypt, China, Africa, and the Middle East. Examples drawn from many ancient sites will trace human societies from pre-agricultural communities, through the origins of agriculture, to the rise of major political and economic institutions. Students will learn how archaeologists discover information about the past, the history of the discipline, and the important issues confronting the field today. This course is designed for students who are interested in the field of archaeology or for students who plan to major in anthropology.

ANTH 125
Religion, Magic, Witchcraft, and the Supernatural
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is designed for students interested in learning about the diverse religious beliefs and practices around the world. An introduction to the anthropological study of religion will include an overview of the various forms of religious belief systems, the variety of gods and other supernatural forces, the use of myths, rituals, and ceremonies in religious practice, and the types of shamans, priests, and other religious specialists found in religious systems. The religious use of drugs will be explored along with traditional healing practices and folk medicine remedies used in many Western cultures. A survey of witchcraft, sorcery, the occult, demons, exorcism rites, sacrificial practices, and magic will be included. In addition, concepts relating to death and the afterlife will be explored such as souls, ghosts, reincarnation, zombies, and others.

ARCH 095
Construction Document Reading and Estimating
3 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment
This course is beneficial for apprentices, students of architecture and employees in all areas of the construction industry, and covers residential, light commercial and industrial building construction. An introduction to the use of prints, construction documents and the theory of construction estimating, as used in the building industry will be presented. Principles of reading working drawings, plans, H.V.A.C.
specifications, details, elevations and electrical specifications are included as well as material estimating, estimating rules, tables and procedures.

51678  CLAS  6/20/16 - 7/29/16  TWR  0800 - 1015  Edward Rickter  S306
        LAB  6/20/16 - 7/29/16  TWR  1025 - 1140  Edward Rickter  S306

ARCH 235
Architectural Design Studio
4 Units
Prerequisite: ARCH 215
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 150
Transfers to: UC, CSU
This course is for students pursuing the A.S. degree in Architecture with the intent of transferring and continuing their study of architecture. Topics explored include multiple design principles, concept applications, spatial and form definition, preliminary studies, interior and exterior space planning, site orientation, styles and materials. Student design concepts will be expressed verbally and graphically using presentation drawings, isometrics and perspectives, conceptual models, renderings and photographs. Students will develop skills in a studio atmosphere dealing with existing conditions, problem solving using design criteria, codes and environmental relationships for abstract, residential and small commercial structures.

51755  CLAS  6/20/16 - 7/29/16  TWR  0800 - 1050  Maurice Herman  S310
        LAB  6/20/16 - 7/29/16  TWR  1100 - 1350  Maurice Herman  S310

ARCH 236
Architecture Design Studio II
4 Units
Prerequisite: ARCH 235
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This second level Design Studio course builds upon the foundation of architectural design studio ARCH 235. This course presents additional design approaches to spatial and form definition of architectural program, urban and site planning, topographic, civil and environmental issues. Architectural design proposals and projects will be expressed verbally and graphically using presentation drawings, conceptual models, renderings and photographs. Students will enhance their design skills in a studio atmosphere, working to justify their design solutions.

51756  CLAS  6/20/16 - 7/29/16  TWR  0900 - 1150  Maurice Herman  S310
        LAB  6/20/16 - 7/29/16  TWR  1200 - 1450  Maurice Herman  S310

ART 101
Introduction to the Fine Arts
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This lecture/lab course provides an introduction to the Fine Arts for the non-art major providing an opportunity to learn about the arts through a series lectures and hands-on projects within an art historical and conceptual framework. Project and topics include drawing, painting, printmaking, design, mixed media and sculpture.

50093  CLAS  7/11/16 - 8/12/16  MTWR  0800 - 0910  Blair Maffris  B011
        LAB  7/11/16 - 8/12/16  MTWR  0915 - 1310  Blair Maffris  B011

ART 105
Survey of Western Art: Prehistory through the Middle Ages
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: ART 105 or ART 105H)
This course presents a broad overview of Prehistoric, Mesopotamian, Egyptian, Greek, Etruscan, Roman, Early Christian, Islamic, and Medieval art and architecture. This course is appropriate for all students pursuing the degree in Studio Art or Art History or seeking to fulfill general education requirements in Fine Arts and Humanities.

**ART 106**  
**Survey of Western Art: Renaissance to Contemporary**  
3 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: ART 106 or ART 106H)  
This course provides an overview of the history of Western art from the 14th century through the Modern Era, including Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Early Photography, Impressionism, Post Impressionism, Modernism, Postmodernism, and major art developments of the 20th and 21st centuries. This course is appropriate for all students pursuing the degree in Studio Art or Art History or seeking to fulfill general education requirements in Fine Arts and Humanities.

**ART 108**  
**The Art of Mexico**  
3 Units  
Advisory: READ 023 or appropriate assessment; ENGL 035 or ENLA 100 or appropriate assessment  
Transfers to: UC, CSU  
This course is a survey of the art and architecture of Mexico including PreColumbian, Viceregal (Colonial) and Modern 19th and 20th centuries. Chicano/a art will also be examined in relation to its Mexican antecedents. Art 108 is appropriate for all students interested in art and culture and for those seeking to fulfill general education requirements in Fine Arts and Humanities, as well as all Studio Art majors and Art History majors.

**ART 115**  
**The Art of Film**  
3 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC, CSU  
This introductory course explores film as an art form, its basic components, and its relation to the styles and movements of other visual arts forms. An understanding of cinematic language is emphasized by focusing upon film's manipulation of time and space, its use of visual metaphors, montages, and explicit/implicit messages. The collaborative nature of filmmaking is studied by examining the role of cinematography, lighting, film editing, visual effects, art direction, and the use of sound and music to enhance the script and create style. Through discussion and written assignments, students develop the ability to analyze the impact of films viewed both in and out of class. This course is appropriate for any student interested in film, art, media studies, or culture.

**ART 130**  
**Freehand Drawing I**  
3 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC, CSU  
This is a first semester course for art and non-art majors interested in developing basic drawing skills. As an introduction to observational drawing and composition, students will develop the ability to perceive and define shape, contour, volume, space, and light using a variety of drawing media and subject matter.
Emphasis is on clarity of observation and the ability to order and translate 3-dimensional form and space into 2-dimensional drawings.

**ART 131**
**Freehand Drawing II**
3 Units
Prerequisite: ART 130
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This is a second semester course for art and non-art majors in observational drawing and composition, stressing an advanced ability to perceive and define shape, contour, volume, space, and light. Students will use a variety of drawing media and subject matter. Emphasis is on strengthening skills introduced in Freehand Drawing I, the exploration of color in drawing and concepts related to content.

**ART 135**
**Beginning Painting**
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; ART 130
Transfers to: UC, CSU
This is a first semester course for art and non-art majors interested in developing basic painting skills. The course explores both traditional and contemporary painting techniques while stressing an ability to perceive and define shape, contour, volume, texture, space, and light using acrylic or water-based oil painting media. Emphasis is on learning the techniques of painting, understanding the use of color, while strengthening observation and rendering skills. Students are advised to have some drawing skills before taking this class.

**ART 136**
**Intermediate Painting**
3 Units
Prerequisite: ART 130; ART 135
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This is a second semester course for art and non-art majors interested in further development of painting skills and techniques, understanding the use of color and space, while strengthening observation and rendering skills. The course explores both traditional and contemporary painting concepts, styles, and techniques that involve complex compositional and technical problems in either acrylic or oil painting media.

**ART 140**
**Ceramics I**
3 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
This is an introductory course open to all art and non-art majors interested in learning basic skills in ceramics using the potter's wheel. Students will develop a visual vocabulary for creative expression through lectures, power point, vocabulary lists and video presentations. This course covers beginning problems of centering, throwing and shaping various functional and non-functional pottery. Students will be introduced to the process of glazing and basic firing techniques. This
course emphasizes exploring personal and cultural expression in the ceramic media. Evaluation will be based on using a variety of tools and writing assignments.

**ART 3**
portfolio using concept exploration design

Intended Transfers Advisory:
Prerequisite: ART 2

This is an intermediate course in ceramics open to all art and non-art majors, with continued emphasis on basic skills using the potter’s wheel. Included in the course will be intermediate problems on the wheel, basic decorative techniques, and making a test glaze. Students will be exploring contemporary artistic practice and the social and historical elements of ceramic art.

**ART 141**
Ceramics II
3 Units
Prerequisite: ART 140
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU

This is an intermediate course in ceramics open to all art and non-art majors, with continued emphasis on basic skills using the potter’s wheel. Included in the course will be intermediate problems on the wheel, basic decorative techniques, and making a test glaze. Students will be exploring contemporary artistic practice and the social and historical elements of ceramic art.

**ART 164**
Graphic Design (Adobe Illustrator)
3 Units
Advisory: READ 022 or appropriate assessment; ART 120
Transfers to: CSU

Designed for the student interested in a degree in commercial art or those interested in 2 dimensional design and layout applications employed as tools by computer graphic artists, this course is an exploration of graphic design using the Adobe Illustrator computer based design software. Topics include typography usage, inclusion of photo-derived images, illustration techniques, page layout design, as well as current methods/styles employed by graphic artists. This course includes portfolio building with an emphasis on professional standards.

**ART 165**
Graphic Design (Advanced Adobe Illustrator)
3 Units
Prerequisite: ART 164
Advisory: READ 022 or appropriate assessment; ART 120
Transfers to: CSU

Intended for the student interested in a degree in commercial art or those interested in 2 dimensional design and layout applications employed as tools by computer graphic artists, this course is an advanced exploration of graphic design using the Adobe Illustrator computer based design software. Topics include concept driven projects exploring illustration and rendering techniques, advanced compositing methods using various sources, as well as current methods/styles employed by graphic artists. This course includes portfolio building with an emphasis on professional standards.

**ART 178**
Introduction to Digital Imaging (Adobe Photoshop)
3 Units
Advisory: READ 022 or appropriate assessment; ART 120
Transfers to: UC, CSU
This course is for the student interested in a degree in commercial art or any student interested in digital imaging. The focus of the course is computer based image-editing software and its use as a tool in the creation of high quality digital imagery. Also provided is an overview of programs such as Adobe Photoshop and other related graphics programs employed by digital imaging artists with an emphasis on photography as the primary source of the final images. Included in this course will be the discussion of aesthetic decisions as they relate to image composition. The ethical and legal implications of image manipulation will be discussed as well as various presentation possibilities.

51789  CLAS  7/11/16 - 8/12/16  MTWR  0900 - 1030  Alexander Gardos  S302
       LAB  7/11/16 - 8/12/16  MTWR  1040 - 1400  Alexander Gardos  S302

ART 242
Advanced Ceramics
3 Units
Prerequisite: ART 141
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
This is an advanced course in ceramics, open to all art and non-art majors. This class places a special emphasis on personal growth and aesthetics as well as increased proficiency on the potter's wheel. Students will investigate the concepts of management and expressive exploration of the unique characteristics of fired ceramics – both the opportunities and constraints presented in the processing of clay from a soft, plastic, fragile, impermanent substance into a hard, rigid, and completely metamorphosed material after drying and firing. It is a process that requires sensitivity to time and sequence, and demands critical informed technical management. An important aspect of the class will be having students evaluate their selection of type of clay, decorative techniques and final-firing process to achieve their desired finished results. Included in this course will be advanced problems-solving in forms, shapes, decorative techniques and glazing.

51710  CLAS  6/20/16 - 7/29/16  MTWR  0900 - 1015  Jeffrey Netzer  B010
       LAB  6/20/16 - 7/29/16  MTWR  1025 - 1305  Jeffrey Netzer  B010

51835  CLAS  6/20/16 - 7/29/16  MTWR  1800 - 1915  Robert Miller  B010
       LAB  6/20/16 - 7/29/16  MTWR  1925 - 2205  Robert Miller  B010

ASL 149
American Sign Language I
4 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
This course will provide an introduction to American Sign Language emphasizing receptive and expressive skills. The use of facial expressions during signing will also be addressed. Students will be exposed to deaf culture experiences both in the classroom and in other environments. This course is designed for people who wish to learn to communicate with those who are deaf and hard of hearing.

50718  CLAS  6/20/16 - 7/29/16  MTWR  1800 - 2100  William Rennie  A206

ASTR 110
General Astronomy
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: ASTR 110 or ASTR 110H)
This course is designed to develop an appreciation of astronomy and a broad cosmic perspective. The emphasis of the course is on the current state of knowledge of our solar system, our galaxy, and the
universe. Topics on the frontier of astronomical knowledge such as black holes and the search for extraterrestrial life will be explored. This course is designed for those with an interest in astronomy or anyone who desires to expand their cosmic horizons.

ASTR 112
Observational Astronomy
1 Unit
Prerequisite/Corequisite: ASTR 110 with a grade of "C" or better
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: ASTR 112 or ASTR 114)
This course is designed to acquaint the student with the methods, techniques, and tools of the astronomer. Indoor labs will demonstrate classical methods and techniques of science. Students will learn the critical thinking processes needed to acquire and analyze scientific data. Students will become familiar with visible objects including constellations, planets, star clusters, galaxies, meteor, and the phases of the moon. Students will learn to locate objects visually and use astronomical coordinate systems. The development of skill in the operation of optical telescopes is emphasized. This course is designed for those with an interest in learning night skies and the tools astronomers use to explore the cosmos. Observatory facilities will be utilized often, weather permitting.

AUTO 101
Introduction to Automotive Service and Repair: Underhood Service
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This is an introductory course designed to provide the student with the fundamentals of the engine and its subsystems of the modern automobile. Students will learn basic automotive tool and equipment use and how to safely perform basic repair and maintenance operations. Students will have the opportunity to perform minor repair work on their own vehicles to complete required tasks. This course is designed to be a companion course to AUTO 103 and AUTO 106, and is one of the three prerequisite courses for AUTO 107. Students are encouraged to complete all three courses in order to obtain a firm foundation in this subject, and it is required for the General Service Technician Certificate Program.

AUTO 102
Introduction to Honda/Acura Service and Repair
3 Units
Advisory: READ 023 or appropriate assessment
Transfers to: CSU
This is an introductory course designed to provide the student with the fundamentals of operation of the various systems of Honda and Acura vehicles. Students will learn basic automotive tool and equipment use and how to safely perform many basic repair and maintenance operations. Students will learn using Honda and Acura vehicles, and school provided units and automotive component parts. All completed work will be reported on American Honda's Dealer Personal Tracking System (DPTS). This course is part of American Honda's Professional Automotive Career Training (PACT) program.

AUTO 106
Automotive Electrical Tools and Diagnostic Procedures
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This is an introductory course designed to provide the student with the fundamentals of the electrical systems of the modern automobile. Emphasis will be placed on electrical fundamentals, symbols and circuit diagrams, batteries, starting, charging, ignition, and lighting systems. Students will learn the proper use of automotive electrical tools and equipment, and how to safely perform basic vehicle electrical repair and maintenance operations. Students will have the opportunity to perform minor repair work on their own vehicles to complete required tasks. This course is designed to be a companion course to AUTO 101 and AUTO 103, and is one of the three prerequisite courses for AUTO 107. Students are encouraged to complete all three courses in order to obtain a firm foundation in this subject, and it is required for the General Service Technician Certificate Program.

**AUTO 107**  
*Introduction to Automotive Light Service*  
3 Units  
Prerequisite: AUTO 101, AUTO 103, and AUTO 106  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: CSU  
This is an introductory course to provide students with working knowledge of light duty service. Students will learn underhood and undercar systems service, battery and basic electrical service, pre-delivery inspection procedures, and preventative maintenance operations. Emphasis will be placed on the safe operation of light-duty service tools and equipment, and general repair procedures of wheels and tires, suspension & steering components, engine and transmission components, engine & vehicle electrical components, and brake system components. This course offers further practice and more experience in the subjects taught in three other introduction courses (AUTO 101, AUTO 103, & AUTO 106).

**BIOL 101**  
*General Biology*  
4 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment  
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: BIOL 101 or BIOL 200)  
General Biology 101 is a general education course, open to all students, and is designed to provide an introduction to concepts and principles of modern biology. Topics covered will include cell structure and function, energy relationships, genetic control mechanisms, concepts of evolution, biological diversity, and ecosystem function. The laboratory component of the course emphasizes the application of the scientific method as a tool to understanding living systems.

**BIOL 120**  
*Environmental Biology*  
3 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment
Transfers to: UC, CSU
Utilizing basic biological concepts, an interdisciplinary approach is used to address environmental challenges. Topics addressed may include ecosystem characteristics and functions, population dynamics, energy and material resource use, pollution, and alternative energy sources. Students in many disciplines will benefit from this course as the social, political, and economic implications of environmental decisions are addressed. This course fulfills the general education requirement in life sciences.

**BIOL 120L**  
**Environmental Biology Laboratory**  
1 Unit  
Prerequisite/Corequisite: BIOL 120  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment  
Transfers to: UC, CSU  
This laboratory course compliments the Environmental Biology lecture course and is designed for students interested in furthering their understanding of the environmental sciences. The scientific method will be employed to investigate ecosystems and their functions, natural selection, population interactions, environmental toxicology, radiation exposure effects, soil and groundwater systems, water pollution, alternative energy systems, and environmental resistance.

**BIOL 125**  
**Human Anatomy**  
4 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment; BIOL 101  
Transfers to: UC, CSU  
This course is primarily a systems approach to the study of human body structure. The study of each body system includes structural specializations and functions from the microscopic to the system level emphasizing the interdependence of form and function. Additional topics include methods of anatomical study, human genetics, and embryonic development. The laboratory exercises will also include vertebrate dissections. This course is intended for students preparing to enter careers in the health sciences.

**BIOL 226**  
**Human Physiology**  
4 Units  
Prerequisite: BIOL 125 and CHEM 110  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; BIOL 101  
Transfers to: UC, CSU  
Human Physiology provides a general introduction to the function and regulation of human body systems. Physiological integration of the systems to maintain homeostasis and the significance of biochemistry is emphasized throughout the course. Course content will include neural and hormonal homeostatic control mechanisms, and a study of the musculoskeletal, circulatory, respiratory, digestive, urinary, immune and endocrine systems. Laboratory exercises will allow students to gather physiological data and draw conclusions on how physiological mechanisms are regulated. This course is intended for students preparing to enter careers in the health sciences.
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BUSL 110

Legal Environment of Business

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC (*credit limit), CSU (*Students will receive credit from UC for only one of the following courses: BUSL 110 or BUSL 220)

This course examines the legal regulatory, and international environment of business. Included are the topics of alternative dispute resolution, the forms of business organization, regulations affecting employment, and current environmental statutes. Case studies are used to discuss torts, crimes, contracts and sales, warranty and product liability, labor law, employment discrimination, and environmental law.

CD 102

Nutrition, Health and Safety for Children

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU

This course is designed for students interested in working in group care and educational programs that enroll children from infancy to early adolescence. The course focuses on preventive health and safety practices in group care environments for both children and adults and integration of these practices into everyday program planning and development. Introduction will also be provided regarding the laws, regulations, standards, policies and procedures and child development curriculum related to child nutrition, health and safety. Topics will include prevention and recognition of infectious disease, immunization, dental and mental health, child nutrition, menu planning, sanitary food handling, prevention of injury, emergency preparedness and evacuation, providing services for children with special needs and child abuse prevention, identification and reporting responsibilities. The importance of program collaboration with families and health professionals will also be addressed. This course meets the Department of Social Services Classification Indicator DS7 and the State of California Department of Education Title V Child Development Permit.

CD 106

Child Growth and Development

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC (credit limit *), CSU (*Students will receive credit from UC for only one of the following courses: CD 106 or PSY 112)

This course provides an overview of human growth from conception to adolescence. The theories of development relevant to life through the teenage years are introduced and the social, emotional, cognitive and physical aspects of these early stages of life are addressed. This course is appropriate for students preparing for a profession working with children and their families or those interested in furthering their understanding of child and adolescent development. This course is also designed to meet the Department of Social Service Classification DS1 and applies toward the State of California Title V requirement for the Child Development Permit.
CD 114
Observation and Assessment
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is designed for students working towards a Child Development permit. The course focuses on appropriate use of assessment and observation strategies to document development, growth, play and learning in order to join with families and professionals in promoting children’s success and maintaining quality programs. Recording strategies, rating systems, portfolios, and multiple assessment methods are explored. Advantages and disadvantages of observation techniques, observer bias and cultural considerations are discussed. This course meets the Department of Social Services Classification Indicator DS 3 and applies toward the State of California Title V requirement for the Child Development Permit.

51704 CLAS 6/20/16 - 7/29/16 TR 1800 - 2215 Sondra Moe CDC 5

CD 208
Child, Family and Community
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is designed for students desiring to work with children in a group setting, as well as for parents and others who wish to further their understanding of how the socio-cultural environment affects the developing child. The course examines the historical and contemporary interrelationship of family, school and community on child development. The process of socialization and identity formation will be highlighted, showing the importance of respectful, reciprocal relationships that support and empower families. This course meets the Department of Social Services Classification Indicator DS2 and the State of California Department of Education Title V Child Development Permit.

51032 CLAS 7/11/16 - 8/12/16 MTWR 1045 - 1310 Kelly Lynch CDC 5
51828 CLAS 6/20/16 - 7/29/16 MW 1800 - 2215 Carol Sigala A208

CD 226
Introduction to Special Education
3 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course introduces students to the field of special education. Instruction will focus on understanding basic strategies for working with children, birth to early adolescence, that are at-risk or have a diagnosed disability. Issues related to family dynamics and education resources and strategies will also be discussed. Public policy requires that children with special needs are learning in environments with their same-age peers. This course will prepare students who wish to work in children’s programs or educational environments to facilitate the learning and development of children with special needs. Applies toward the State of California Teacher Credentialing requirements for the Child Development Permit.

51034 WEB 6/20/16 - 8/12/16 Carol Sigala

CD 228
Early Childhood Education Practicum
3 Units
Prerequisite: CD 106, CD 110, CD 111, CD 114 and CD 208
Advisory: READ 023 or appropriate assessment
Transfers to: CSU
In this capstone course the student will practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of Child Development faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to
teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. This course is designed for students looking for a supervised field/laboratory experience in an early childhood setting. The course meets The Department of Social Services Classification Indicator DS3 and applies towards the State of California Department of Education Title V Child Development Permits.

CHEM 110
Chemistry for Allied Health Majors
5 Units
Prerequisite: MATH 050 or MATH 050D or MATH 053 or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment;
Concurrent enrollment in MATH 070 or MATH 070D or MATH 073
Transfers to: UC (credit limit*), CSU (* The UC will grant credit for only one of the following courses: CHEM 110, CHEM 120)
This course provides an introduction to the fundamental concepts of general, organic, and biological chemistry, and is especially appropriate for students intending to pursue a career in nursing and other health-related professions, including kinesiology and psychology. Emphasis is placed on the relationship between chemistry and the health/medical sciences. Weekly laboratory activities require students to empirically verify concepts presented in lectures. No previous background in chemistry is required or expected of students enrolling in this course.

CHEM 120
Introduction to Chemistry
5 Units
Prerequisite: MATH 070 or MATH 070D or MATH 073 with a grade of "C" or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (* The UC will grant credit for only one of the following courses: CHEM 110, CHEM 120)
This one-semester course is designed for students intending to major in science or engineering. The course primarily prepares students for Chemistry 130; additionally, it fulfills the general education requirement in the physical sciences. This course introduces the fundamental principles of general chemistry, with emphasis on chemical nomenclature and quantitative problems in chemistry. The lecture presents classical and modern chemistry including atomic theory, periodic properties, chemical bonding, chemical reactions, stoichiometry, acids and bases, gas laws and solutions. The laboratory introduces the techniques of experimental chemistry with examples from all areas of chemistry.

CHIN 101
Chinese I
4 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course provides the student with an introduction to the Chinese language and culture. The course stresses oral and written proficiency through fundamental use of Chinese pronunciation and the Pinyin
Spelling System. Students will also receive an introduction to Chinese characters. In addition to classroom discussion, students receive intensive individualized oral-aural practice in the language laboratory via interactive websites, audio CDs, video programs, and CD ROMs. Various facets of Chinese history, culture and civilization will also be analyzed via cross-cultural comparisons. This course is intended for those interested in learning to speak Chinese as well as for those seeking a degree in the Chinese language.

51711 CLAS 6/20/16 - 7/29/16 MTWR 1800 - 2100 Yishin Ho A202

CHST 146
The Mexican American in the History of the U.S.
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is a survey of the history of the Mexican/Mexican-American people in the United States presented in the context of U.S. history and government. The course begins with a discussion of the Mexican American War and the Treaty of Guadalupe Hidalgo, and goes on to examine the Mexican American struggle for full integration into U.S. society. Key topics include repatriation, unionism, Mexican American GIs on the Pacific and European war front, postwar struggles for economic and social justice, radicalism, and concludes with an examination into the dramatic growth of the Mexican/Mexican-American population in the U.S. Students interested in this course may include individuals with familial or personal connections to the Chicano (Mexican-American) community and/or those intending to work in environments with high concentrations of this population.

51027 CLAS 7/11/16 - 8/12/16 MTWR 1045 - 1310 Juana Mora A205

CIT 101
Introduction to Computer Information Technology
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment;
CIT 100A
Transfers to: UC, CSU
This is an introductory computer course, which offers students both fundamental computer concepts and training in spreadsheets and database microcomputer applications. Topics include the importance of computers in business and society, the information processing cycle, the Internet, communication and networks, the latest hardware and software developments, and planning a career as a computer professional or a computer user. This is the basic computer course designed for Business majors.

50301 CLAS 6/20/16 - 8/12/16 MW 1800 - 2120 Alexia Sokol B116
50303 CLAS 6/20/16 - 7/29/16 TR 0800 - 1215 Shin Liu B116
51123 CLAS 6/6/16 - 7/8/16 MTW 0800 - 1135 Rodolfo Rios B117
51510 CLAS 6/6/16 - 7/8/16 MTW 1800 - 2135 Rodolfo Rios B117

CIT 136
Advanced Java Programming
4 Units
Prerequisite: CIT 135
Advisory: READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is intended for students desiring to complete the requirements for the Computer Information Technology Degree or professionals who want to continue developing their programming skills using Java. This course covers the basics of the software development and the advanced programming skills using the Java language. Topics include Java data syntax, data structure, applets, graphics, animation, inheritance, abstract windows toolkit, exception handling, file input and output, and multithreading.

51793 CLAS 6/20/16 - 7/29/16 MTR 1800 - 2205 Shin Liu B115

CIT 155
Introduction to E-Commerce
3 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment; CIT 101

Transfers to: CSU

This course offers a hands-on problem-solving approach for learning the basic to more advanced features of doing business on the Internet. You will learn to use E-commerce effectively, such as: gather corporate information, make a purchase online, develop an effective company Web site, or find global trading partners. You will learn how and why electronic commerce is an important part of our economy and our society.

51794  CLAS  6/6/16 - 7/8/16  MTWR  0800 - 1035  Jon Whitford  B113

**CORR 101**

**Introduction to Corrections**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU

This course is designed to provide Corrections or other interested students with an overview of the history and trends of adult and juvenile corrections. It will focus on probation, parole, legal issues, specific laws and the general operation of correctional institutions. The relationship between corrections and other components of the justice system will also be examined. This course has been identified by the Correctional Peace Officer Standards and Training Board of the Peace Officers Association to fulfill educational requirements of the CPOST Certificate for newly hired officers after July 1, 1995 by CDC and CYA.

50242  WEB  6/6/16 - 7/8/16  David Balch

**CORR 235**

**Conflict Resolution**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU

This course is designed to provide Corrections or other interested students with an in-depth understanding of conflict situations in which abnormal or non-normal behavior is manifested. Topics covered include concepts of anxiety, fear, frustration, hostility, aggression, motivation and manipulation roles. Racial and cultural segregation, crowd and mob interaction, alcohol, drugs, sexual problems, character, neurotic and psychotic disorders, youthful offenders, stress of incarceration and brain disorders will also be discussed.

51182  WEB  6/6/16 - 7/8/16  David Balch

**COUN 101**

**College and Life Success**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 3 units credit for COUN 101, 101A, 101B and 151 combined)

This course provides an exploration of cognitive, psychological, social, and physical factors influencing success in college and in life. Topics include personal responsibility, critical thinking, motivation, self-efficacy, personal awareness, life-long learning, self-management, health and wellness, interpersonal communication in a diverse world, and introduction to career and educational planning. Students will learn about the purpose, demands, requirements, and support services of higher education including both Rio Hondo College and four year institutions.

50248  CLAS  6/20/16 - 7/29/16  MW  1730 - 2145  Dorall Pichardo-Diaz  S125
50310  CLAS  6/20/16 - 8/12/16  Henry Sauceda
51164  CLAS  6/6/16 - 7/8/16  MTWR  0800 - 1025  Jorge Huinquez  S125
51168  CLAS  7/11/16 - 8/12/16  MTWR  0800 - 1025  Mary Rivera  S125
51840  CLAS  7/11/16 - 8/12/16  MTWR  1045 - 1310  Julius Thomas  S125
51843  CLAS  6/6/16 - 7/8/16  MTWR  1100 - 1325  Mary Rivera  EMEC101
51847  CLAS  6/6/16 - 7/8/16  MTWR  0800 - 1025  To Be Assigned  SW105
COUN 151
Career Exploration and Life Planning
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 3 units credit for COUN 101, 101A, 101B and 151 combined)
This course will examine student, career and self-development theories to empower students to make effective decisions throughout their lifespan by engaging in the process of career and life planning from a psychological, sociological and physiological perspective. Students will compare and contrast human development and career theories, decision-making, factors that contribute to college success, life skills, adult workplace competencies, values, interest, abilities, and personality, labor market trends in a global economy, and successful job search and workplace behaviors.

50254  CLAS  6/20/16 - 7/29/16  TR  1730 - 2145  Mary Clark  S125
50312  CLAS  6/20/16 - 8/12/16  Belen Torres Gil
51169  CLAS  6/6/16 - 7/8/16  MTWR  1045 - 1310  Guadalupe Alvarado  S125
51170  CLAS  7/11/16 - 8/12/16  MTWR  0800 - 1025  Jose Rodriguez
51844  CLAS  6/6/16 - 7/8/16  MTWR  0800 - 1025  To Be Assigned  South Whittier Education Ctr

DANC 153
Ballet I
1 Unit
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This is an introductory course for those students who seek technical skill in classical ballet. The course will focus on body alignment, traditional steps and combinations, musicality, ballet terminology, and the development of strength and flexibility. Students will also gain knowledge of contemporary influences on ballet. This course may be repeated three times for credit.

51821  LAB  6/6/16 - 7/8/16  MTWR  1045 - 1310  Paige Melvin  PE141

DANC 154
Jazz Dance I
1 Unit
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
Highly visible on stage and screen, Jazz Dance is an eclectic and versatile contemporary art form with deep roots in African American dance. Jazz Dance I is designed to introduce the beginning student to the fundamental polyrhythms, physical skills, terminology, and historical context that form the basis of Jazz technique. A variety of Jazz dance styles will be introduced, and may include tap, musical theater, contemporary lyrical, Latin, Cuban, Afro-Caribbean, pop, funk, hip-hop, Lindy Hop, and other African-American social dances that form the basis of this dance genre in the United States. Students may take any combination of four Jazz courses total.

51796  LAB  6/20/16 - 7/29/16  MTWR  1800 - 2005  Kristina Karmiryan  PE141

DANC 159
Choreography I
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; DANC 151
Transfers to: UC, CSU
Choreography I is an introduction to the art and craft of dance composition. Through lecture and activity, students will learn how to incorporate the elements of dance: body, space, time, and energy, in order to create meaningful dance works. Basic elements of choreography, including form, design, motivation, phrasing, gesture, rhythm, dynamics, musical accompaniment, and production basics, will be explored through improvisational exercises and experimentation. Additionally, students will learn to analyze dance critically. The class will culminate in the presentation of students' choreography.
DANC 199
Dance Appreciation
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This survey course is a multi-cultural exploration of one of the world's oldest and most universal art forms. The history of ballet, jazz, modern, hip-hop, and musical theater dance are investigated through lecture, video and demonstration. In addition, dance will be analyzed in terms of Body, Effort, Space, and Shape and examined for cultural, social and political influences. This course is designed for students who want to gain an understanding of dance and for dance majors who want to broaden their knowledge.

ECON 101
Principles of Macroeconomics
3 Units
Prerequisite: MATH 050 or MATH 050D or MATH 053 with a grade of "C" or better or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This is an introductory course in which students learn to describe and analyze the performance and policies of national economic systems, with an emphasis on the US economy. It is intended for Economics or Business majors as well as to satisfy General Education requirements. Topics include production possibilities and tradeoffs; comparative economic systems; functions of government; national income and employment; business cycles; money and banking; monetary and fiscal policy; comparative advantage and trade policy; economic growth and stability; and income distribution and poverty.

ECON 102
Principles of Microeconomics
3 Units
Prerequisite: MATH 050 or MATH 050D or MATH 053 or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This is an introductory course in economic analysis of markets, intended for Economics and Business majors as well as to satisfy General Education requirements. It may be taken prior to ECON 101. Students will learn how markets work to coordinate consumers and producers in an economy, various causes of the failure of free markets and policies used to correct or regulate market behavior.

ELEC 050
Introduction to the Electrical Industry
2 Units
Advisory: READ 023 or appropriate assessment
This introductory course is for a general audience and for those contemplating a career in the powerline (electrical) industry. Students will become acquainted with the basic concepts of terminology and will receive hands-on experience with components and measuring equipment.
EMT 093
Emergency Medical Technician
8 Units
Prerequisite: FTEC 121
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; BIOL 125
This course is designed to certify students as California State Emergency Medical Technicians and gain employment as an ambulance driver or ambulance attendant. After successful completion of this course, students will be authorized to take the National Registry EMT examinations and request certification as an EMT through the Los Angeles County Department of Health or other local EMS accrediting agencies. Topics discussed include pre-hospital care terminology, cardiovascular emergencies, pre-hospital childbirth, communicable disease, extrication tools and equipment, automatic external defibrillation and an understanding of the Emergency Medical System. Students must pass a background check and EMT medical physical with a 10-panel drug screen.

ENGL 030
Introductory Composition for Developing Writers
3 Units
Corequisite: ENGL 030W
Advisory: READ 022 or appropriate assessment
This course assists students in developing thinking, language, and writing skills through structured assignments that increase in complexity throughout the semester. This is the first or beginning course in composition; it prepares students for success in either ENGL 035 or ENGL 101. Students must concurrently enroll in the one-unit Writing Workshop, ENGL 030W. This is a non-degree applicable course and is offered on a pass/no pass basis.

ENGL 030W
Writing Workshop
0.5 Units
Corequisite: ENGL 030
Advisory: READ 022 or appropriate assessment
This is a lab course designed to assist students in developing and improving their writing and language skills through individual conferences with composition instructors. Students will complete and revise assignments that complement the goals and objectives of ENGL 030. All ENGL 030 students must enroll in this course. This course may be repeated one time for credit. This is a non-degree applicable course offered on a pass/no pass basis.

ENGL 035
Intermediate Composition for Developing Writers
3 Units
Prerequisite: ENGL 030 or ENLA 034 with a grade of "Pass" or appropriate assessment
Corequisite: ENGL 035W
This is a composition course which trains students in the clear and logical communication of ideas and information. Students will learn to relate ideas and information in standard written English that a literate audience can easily understand. To accomplish this, students will learn methods of prewriting, construct and revise a series of original essays, discuss readings, and participate in collaborative activities which increase their ability to articulate ideas. This is a non-degree credit course and is offered on a pass/no pass basis. Each week, three additional hours will be required in an accompanying 35W Writing Workshop offered on a pass/no pass basis. This class can also be taken in three 6-week modules. Students will have the opportunity
to take one, two, or three modules for one unit of credit each. Module A will cover simple and compound sentences, simple punctuation, and language usage. Students will practice writing to instruct and inform. Module B will cover complex sentences, punctuation such as colons and semicolons, and use of persuasive language. Further practice will be given in the use of commas and capitalization. Module C will include paragraphs, short essays, punctuation review, and use of sequential and transitional language. Practice will be given in adapting information to different audiences. In addition to this material, modules A, B, and C will cover material detailed in the appendix to the course outline. To receive credit for ENGL 035 or ENGL 035 A, B, C, students must receive a score of 10 or higher on the common final. Workshop credit will be given upon completion of all three modules. Students may enroll in all modules or individual modules and receive appropriate credit. English 035 A, B, C is offered on an open entry, open exit basis. This is a non-degree credit course and is offered on a pass/no pass basis. (Each week, three additional hours will be required in the ENGL 035W Writing Workshop, offered on a pass/no pass basis.)

ENGL 035W
Writing Workshop
0.5 Units
Corequisite: ENGL 035
Advisory: READ 022 or appropriate assessment
This is a lab course designed to assist students in developing and improving their writing and language skills through individual conferences with composition instructors. Students will complete and revise assignments that complement the goals and objectives of English 035. All English 035 students must enroll in this course. This course may be repeated one time for credit. This is a non-degree applicable course offered on a pass-no pass basis.

ENGL 101
College Composition and Research
3.5 Units
Prerequisite: ENGL 035 with a grade of "Pass" or ENLA 100 with an "A" or "B" or appropriate assessment Transfers to: UC, CSU
This is a composition course that enables students to generate logical, coherent essays and reports necessary to academic and professional success. Students will become proficient in research techniques, learn critical reading and thinking skills through expository and persuasive reading selections, and apply these skills to creating original essays and a final research paper. The lab component of this course is designed to assist students in improving and refining their writing and language skills. Students will complete lab activities that enhance their ability to compose logical, well-supported arguments that exhibit grammatical fluency and correct documentation form. Students will meet with composition instructors through individual conferences that address students’ specific writing concerns. This course is designed for students who wish to fulfill the General Education requirement for Written Communication.
This advanced composition course is open to all students who have successfully completed ENGL 101 and is designed for those who expect to transfer to four-year colleges or universities. Students will read and write extensively, while applying critical thinking skills and research techniques. Students will demonstrate these abilities in advanced composition as they research and write a series of argumentative essays, which demonstrate the ability to analyze issues, evaluate positions, and argue persuasively through clear, concise prose. The lab component of this course is designed to assist students in advancing and refining their writing and language skills and will augment their ability to exercise critical thought. Students will complete lab activities that further enhance their ability to compose logical, well-supported arguments that exhibit
grammatical fluency and correct documentation form. Students will meet with composition instructors through individual conferences that address students' specific writing concerns.

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**ENGL 201H**

Advanced Composition and Critical Thinking Honors
3.5 Units
Prerequisite: Completion of ENGL 101 with a grade of at least a "C" or better
Transfers to: UC (credit limit*). CSU (*Students will receive credit from UC for only one of the following courses: ENGL 201 or ENGL 201H)
This advanced composition course is open to all students who have successfully completed ENGL 101 and is designed for those who expect to transfer to four-year colleges or universities. Students will read and write extensively, while applying critical thinking skills and research techniques. Students will demonstrate these abilities in advanced composition as they research and write a series of argumentative essays, which demonstrate the ability to analyze issues, evaluate positions, and argue persuasively through clear, concise prose. This Honors section is open to all students who have completed ENGL 101 with a grade of C or better. Students will be expected to analyze issues in more depth and write on them at greater length than they would in a non-honors section.

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**ENGR 235**

Engineering Mechanics: Statics
3 Units
Prerequisite: PHY 211 with a grade of "C" or better
Prerequisite/Corequisite: MATH 191 with a grade of "C" or better
Transfers to: UC, CSU
This course is for students who intend to pursue a major in engineering and provides an overview of the effect of two and three dimensional force systems on particles and rigid bodies under equilibrium conditions. Topics covered include distributed forces and determination of centroids, analysis of trusses, frames and machines, internal forces and moments, systems involving friction, and method of virtual work and equilibrium.

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25
ENGT 101
Introduction to Technical Drawing & Graphics
3 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This is a basic course in technical drawing and graphics for students with no previous drafting skills or training. The course is designed for students who wish to pursue training in fields and careers related to architecture, civil and engineering design drafting. Practical application will be provided with the tools, techniques, standards, and practices used in the industries that need technical drawings and graphics.

ENGT 150
AutoCAD for Basic CADD Applications
4 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 101 or two years of high school drafting
Transfers to: CSU
This course is for students preparing for high technology careers who need the skills necessary to function as an entry level CADD operator or to apply CADD to specific disciplines of mechanical and architectural design, manufacturing, illustration and engineering related documents. An overview of computer graphics and CADD (Computer Assisted Design and Drawing) utilizing the latest release of AutoCAD software will be provided. Students will produce 2D orthographic, isometric, and basic 3D model solutions of mechanical and architectural applications.

ENLA 013
Basic Grammar
3 Units
Advisory: NESL 018 or appropriate assessment
This is an introductory grammar course for non-native speakers of English. Through reading, writing, listening, and speaking activities, students learn basic English grammar while focusing on verb structures. This course is offered on a pass/no pass basis and is not applicable to the degree. Students are expected to complete an additional 8 hours TBA (To Be Arranged) in the Language Lab.

ENLA 100
Advanced Composition
3.5 Units
Prerequisite: ENLA 034 or appropriate assessment
Transfers to: UC, CSU
ENLA 100 is the highest-level course of the ENLA writing sequence and an ENLA student’s gateway in to ENGL 101. As a result of taking this course, students will be able to utilize various stages of the writing process, MLA conventions of academic writing in several rhetorical modes (including a research paper), and advanced levels of grammatical and mechanical accuracy in their writing.

ET 120
Introduction to Alternative Energy Technology (Same as AET 120)
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment
Transfers to: CSU
This course is an introductory course that will examine the theory behind present day energy systems which will include an in-depth analysis of the design and installation of alternate energy systems. Topics will include: solar electrical systems, wind electrical systems, solar water heating systems, wind mechanical systems, small hydro-electrical systems, and conservation methods used to save energy. Also presented are topics on geothermal energy, fuel cells, biomass systems, and applications of alternate energy in transportation, industrial, commercial, and residential systems. Students will collect solar data using an irradiance meter and determine power consumption of a typical residence to develop an alternative energy solution. This course is intended for students that are contemplating a career in the alternative energy industry.

51826  CLAS  6/20/16 - 7/29/16  TWR  1800 - 2015  To Be Assigned  T101
      LAB  6/20/16 - 7/29/16  TWR  2020 - 2135  To Be Assigned  T101

ET 121
Photovoltaic Systems Design and Installation (Same as AET 121)
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment
Transfers to: CSU
This is an introductory course that will examine and implement the design and installation of solar photovoltaic power systems, which will include the installation of a working solar photovoltaic power system. Students will learn how to perform solar site evaluations, electrical load calculations, solar system size calculations, and installation techniques for grid-tie and off-the-grid photovoltaic systems. This course is designed to prepare the student for the North American Board of Certified Energy Practitioners (NABCEP) Entry Level Exam. This course is intended for students that are contemplating a career in the solar photovoltaic energy industry.

51791  CLAS  6/20/16 - 7/29/16  TWR  0900 - 1115  David Lindy  T101
      LAB  6/20/16 - 7/29/16  TWR  1120 - 1235  David Lindy  T101

ET 250
Fundamentals of Safety and Health I
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment, ET 230, or working in General Industry, Construction, or in the Safety and Health Field
Transfers to: CSU
This course is designed to introduce the student to the field of Occupational Safety and Health and Program Development. Topics include instruction on Federal, State and Local Agency legislation and the application of Labor and Occupational Safety and Health regulations. The course content also includes familiarization with Workers Compensation/General Liability Insurance, Accident Investigation Techniques, Industrial Hygiene, Ergonomics, Fire Prevention, Site and Facility Auditing, Systems Safety and Program Development. This course is for individuals that are pursuing a degree in Environmental Technology, Safety & Health or for working supervisors, professionals or business owners that are responsible for worker safety or placement of workers compensation/general liability insurance.

51842  CLAS  6/20/16 - 7/29/16  TWR  1900 - 2150  Romeo Ricarte  S121

FAC 043
Advanced Fire Course
0.741 Unit
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
This is a variable format (2-40 Hours of Lecture; 2-40 Hours of Lab) course designed to keep Fire Service personnel informed of new laws and fire codes, current prevention procedures, recent developments in hazardous materials, stress on the firefighter, technology, community relations, physical fitness & wellness and other refresher training as may be necessary.

51859  CLAS  6/6/16 - 6/10/16  MT  0800 - 1600  Tracy Rickman  Santa Fe Springs Training Ctr
      LAB  6/6/16 - 6/10/16  WRF  0800 - 1600  Tracy Rickman  Santa Fe Springs Training Ctr
FR 101
French I
4 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course provides the student with an introduction to the French language and culture. The course
stresses oral and written proficiency as well as reading comprehension. In addition to classroom discussion,
students receive intensive individualized oral-aural practice in the language laboratory via interactive French
websites, audio CDs, video programs, and CD ROMs. Various facets of French history, philosophy, and
politics will also be analyzed via cross-cultural comparisons. This course is intended for those interested in
learning to speak French as well as for those seeking a degree in the French language.

50717  CLAS  6/6/16 - 7/8/16  MTWR  1320 - 1640  James Bowen  A202
       LAB  6/6/16 - 7/8/16  MTW  1215 - 1315  James Bowen  LR117

FTEC 044
Physical Fitness and Ability for the Firefighter
3 Units
Prerequisite: Student must be able to lift 75lbs., drag a 150 pound "drag dummy", and use a sledge
hammer in completion of a physical abilities test.
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
This course is designed to give in-service firefighters and interested students information about
conditioning and fire department physical ability test designs and will include manipulative drills in order to
be successful in passing California PAT's (Physical Abilities Tests). This course will provide information on
the most recently developed tests in Southern California including the CPAT (Candidate Physical Abilities
Test) and the Biddle (Biddle and Associate Validated Test). Students will learn about firefighter wellness
programs, review basic nutrition and current NFPA (National Fire Protection Association) standards
pertaining to firefighter health and safety. Students must be able to perform basic firefighter activities
including climbing, using sledge hammers, dragging 150lb dummies and wearing a self contained breathing
apparatus.

51184  CLAS  6/20/16 - 7/29/16  TWR  0800 - 1000  Tracy Rickman  Santa Fe Springs Training Ctr
       LAB  6/20/16 - 7/29/16  TWR  1010 - 1310  Tracy Rickman  Santa Fe Springs Training Ctr

FTEC 101
Fire Protection Organization
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course provides Fire Technology or other interested students with an overview of fire protection
issues. Included will be an introduction to the philosophy and history of fire protection and fire service. The
organization and function of public and private fire protection services, the laws and regulations affecting
fire service and the role of fire departments as part of local government will be explored. Basic fire
chemistry, fire protection systems, firefighting strategies and possible career opportunities in fire related
fields will also be addressed.

51786  CLAS  6/20/16 - 7/29/16  TWR  0800 - 1050  Ryan Carey  Santa Fe Springs Training Ctr

FTEC 102
Principles of Fire & Emergency Services Safety & Survival
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course introduces the Fire Technology or other interested students to the basic principles and history
related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior
changes throughout the emergency services. This course has been updated to meet the National Fire and
Emergency Services Higher Education objectives as it pertains to firefighter safety and survival techniques used in today’s fire service.

FTEC 103
Fire Behavior and Combustion
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course provides Fire Technology or other interested students with an exploration of theories and fundamentals of how and why fires start, spread, and how they are controlled. An in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents, and fire control techniques will be explored.

FTEC 104
Fire Prevention Technology
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is designed to provide Fire Technology or other interested students with fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation, and fire and life-safety education.

FTEC 105
Building Construction for Fire Protection
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course provides the Fire Technology or other interested students with an understanding of the essential components used in building construction that directly relates to fire safety. The elements of construction and design of structures, factors when inspecting buildings, preplanning fire operations, and operating at fires will be discussed. The development and evolution of building and fire codes will be studied in relationship to past fires in residential, commercial, and industrial occupancies.

FTEC 106
Fire Protection Equipment and Systems
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course provides the Fire Technology student with information pertaining to the design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection and portable fire extinguishers.

FTEC 121
Emergency Response
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is intended for students that seek a better understanding of the role and responsibilities of a first responder. This class also meets the State of California Title 22 requirements pertinent to CPR, First Aid and AED (automatic external defibrillation) training as it relates to the EMT (Emergency Medical
Technically. This course will also certify the student to administer oxygen, provide professional rescuer CPR and provide basic first aid. This course may be repeated once.

51188   CLAS 5/31/16 - 6/24/16  TWR 0800 - 1050  Scott Jaeggi  Santa Fe Springs Training Ctr
         LAB  5/31/16 - 6/24/16  TWR 1100 - 1515  Scott Jaeggi  Santa Fe Springs Training Ctr

GEOG 101
Introduction to Physical Geography
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment
Transfers to: UC, CSU
Introduction to Physical Geography is a general education course that introduces students to the natural processes that shape the earth. Weather and climate, landforms and volcanoes, glaciers, rivers and coastal phenomena are among the topics explored. This course is for any student interested in the physical processes that shape land masses.

51097   WEB  6/6/16 - 8/12/16  Aimee Mindes

GEOG 101L
Introduction to Physical Geography Laboratory
1 Unit
Prerequisite/Corequisite: GEOG 101
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment
Transfers to: UC, CSU
The physical geography laboratory is designed to acquaint students with the methods, techniques and procedures used by geographers in the study and analysis of the physical environment. Students will use maps, the internet and other tools to work with real-world geographic data. This course fulfills the general education lab requirement in physical sciences when taken with or after GEOG 101.

51098   WEBL  6/6/16 - 8/12/16  Aimee Mindes

GEOG 102
Introduction to Cultural Geography
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
Introduction to Cultural Geography is a general education course that introduces students to the basic elements of culture. Population growth, migration, ethnicity, language, religion, folk and popular culture, and settlement forms are among the topics presented. This course may be of interest to students considering the field of elementary teaching, ecology, social science, or travel related vocations.

51393   WEB  6/6/16 - 8/12/16  Aimee Mindes

GEOL 150
Physical Geology
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment
Transfers to: UC, CSU
Physical Geology, which fulfills the physical science general education requirement, is the study of the materials that our beautiful Earth is made out of, as well as the processes and systems operating within the planet and on its surface. Earthquakes, volcanoes, oil, beaches, tsunamis, rocks, rivers, glaciers, plate tectonics, minerals, continent and mountain building are among the many diverse topics that will be explored. The direct effect of geology on society and our history, as well as the impact humans are having on our earth system will also be examined.

51099   CLAS  6/6/16 - 7/8/16  MTWR 1045 - 1310  Michael Forrest  S221
51809   CLAS  7/11/16 - 8/12/16  MTWR 1045 - 1310  Michael Forrest  S221
GEOL 151
Physical Geology Laboratory

1 Unit
Prerequisite/Corequisite: GEOL 150Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment
Transfers to: UC, CSU

Physical Geology Laboratory engages students with a “hands-on” review of the topics presented in GEOL 150 and an examination of their relevance to everyday life. Laboratory exercises will include (but are not limited to) earthquake hazards, earthquake risk and analysis, the physical properties and identification of minerals, igneous, metamorphic and sedimentary rocks, as well as topographic and geologic map reading. Glacial, coastal, dry land, groundwater, and fluvial, processes and landforms are scrutinized. Several geologic investigations of the hills and the river plain surrounding the campus will also be completed.

51100 CLAS 6/6/16 - 7/8/16 MTW 1320 - 1640 Michael Forrest S229
51810 LAB 7/11/16 - 8/12/16 MTW 1320 - 1640 Michael Forrest S229

GIS 120
Introduction to Geographic Information Systems and Spatial Analysis

4 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; CIT 101
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: GIS 120 or GIS 220)

This course will introduce fundamental concepts of geographic information and spatial analysis, using industry standard geospatial application tools including geographic information systems (GIS), global positioning systems (GPS), cartography, remote sensing. Students will learn how to use geospatial technologies to perform spatial analysis in various disciplines including but not limited to business, public safety, health, politics, engineering, environmental, and social, biological and geological sciences. Students should have a working knowledge of Windows to be successful in this course.

50133 LAB 6/20/16 - 8/12/16 TR 0900 - 1200 Warren Roberts T102
WEB 6/20/16 - 8/12/16 Warren Roberts

HET 042
Heavy Equipment Heating, Ventilation and Air-Conditioning

2 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
This course is designed to familiarize the students with the heavy equipment’s heating, ventilation, and air-conditioning systems, and prepare them for an entry level technician in this field. Topics covered include environmental and safety practices, thermodynamic principles, refrigeration systems, engine cooling and heat sources, service and troubleshooting procedures. During the course, students will be given the opportunity to earn their certification license (EPA Rule 1411).

51677 CLAS 6/20/16 - 7/29/16 TWR 1800 - 1915 Marius Dornean T118A
LAB 6/20/16 - 7/29/16 TWR 1920 - 2035 Marius Dornean T118A

HIST 101
History of World Civilization to the 17th Century

3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU

This course is a survey of the political, economic and social development of world civilization up to the 17th century. Special emphasis is placed on the origins of the earth's principal centers of civilization, their subsequent interaction, and the emergence of a world economic, political, and intellectual order. This course is designed for the student who wishes to increase their understanding and appreciation of cultural, political, and intellectual diversity, as well as the process of intercultural interaction.

51044 WEB 6/6/16 - 8/12/16 Jose Duran
HIST 102
History of World Civilization, 1500 to the Present
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is a survey of the political, economic, and social development of world civilization from 1500 to modern times. Special emphasis is placed on the origins and development of the world economic system and the corresponding cultural, intellectual, and social currents that have characterized most of the world’s leading societies since 1500. This course is intended for the student who wants to increase their understanding of and appreciation of both the diversity and the unity of the modern world.

51045 WEB 6/6/16 - 8/12/16 Jose Duran

HIST 143
History of the United States to 1877
3 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is a survey of United States history from Native American origins to post Civil War Reconstruction. Social, economic, political and cultural developments are explored with an emphasis on the independence movement, Revolutionary War, the new Republic, westward expansion and the Civil War. This course is designed for students interested in the foundational history of the United States. It is recommended for all history majors and fulfills the CSU/UC American Institutions requirement and the American Institutions requirement for the Associate degree.

50040 CLAS 6/20/16 - 7/29/16 MW 1800 - 2215 David Hall A224
51046 CLAS 7/11/16 - 8/12/16 MTWR 1045 - 1310 Abbie Perry A223
51049 CLAS 6/6/16 - 7/8/16 MTWR 1100 - 1325 Wanda Mullikin South Whittier Education Ctr
51762 WEB 6/6/16 - 8/12/16 Abbie Perry

HIST 144
History of the United States Since 1865
3 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit: *), CSU (*Students will receive credit from UC for only one of the following courses: HIST 144 or HIST 144H)
This course provides a survey of the political, social, economic, and cultural development of the United States from Reconstruction (1865) to the present. Some topics addressed are the socio-political and economic impact of Reconstruction, the American West, capital and labor in the age of enterprise, America as an emerging world power, World War I, World War II, the Vietnam Era, the Cold War, the new world order, Clinton, and the Bush Administration to the present. This course fulfills the American Institutions requirement for the Associate Degree. It is also recommended for all History majors.

51052 CLAS 7/11/16 - 8/12/16 MTWR 0800 - 1025 Abbie Perry A224
51053 CLAS 7/11/16 - 8/12/16 MTWR 0800 - 1025 Jose Duran A223
51054 CLAS 6/20/16 - 7/29/16 TR 1800 - 2215 Wanda Mullikin A224
51055 WEB 6/6/16 - 8/12/16 Irma Valdivia
51056 CLAS 6/6/16 - 7/8/16 MTWR 1045 - 1310 Ea Madrigal A223
51420 WEB 6/6/16 - 8/12/16 Ea Madrigal
51748 WEB 6/6/16 - 8/12/16 Irma Valdivia

HIST 159
History of Minorities: Mexican Americans, Asian Americans and American Women
3 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit *), CSU (*Students will receive credit from UC for only one of the following courses: HIST 159 or HIST 159H)
This course surveys the roles selected minorities have played in the historical development of the United States from the earliest times to the present. Emphasis is placed on the history and cultural contributions of Mexican Americans, Asian Americans, and American women. This course is intended for those wishing to fulfill the American Institutions requirement for the Associate degree and CSU and those who desire a better understanding of the history of minorities in the United States.

**HUM 110**

**Survey of Humanities**

3 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC, CSU

This course provides an interdisciplinary presentation of cultural forces, providing the student with a comprehensive view of the most vital artistic, literary, philosophical, religious and architectural movements within the Western, Eastern and Meso-American traditions from the Egyptians to the 1500s. This course is intended for students who wish to further their understanding of the major cultural developments from around the world.

**HUM 111**

**Survey of Humanities**

3 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC, CSU

This course provides an interdisciplinary presentation of cultural forces, providing the student with a comprehensive view of the most vital artistic, literary, philosophical, religious, scientific and architectural movements within the Western, Eastern and Latin American traditions from the Renaissance to the 20th century. This course is intended for students who wish to further their understanding of major cultural developments around the world.

**HUM 125**

**Introduction to Mexican Culture**

3 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: HUM 125 or HUM 125H)

This course provides an interdisciplinary presentation of vital artistic, literary, architectural, musical, political, religious and historical movements within Mexico spanning from Pre-Cortesian to contemporary times. This course is designed for students who wish to further their understanding of major Mexican cultural and historical developments.

**JOUR 230**

**Magazine Production**

3 Units  
Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment  
Advisory: READ 023 or appropriate assessment  
Transfers to: CSU

This course includes writing news, news features, profile features, commentary, and photography for publication in the college magazine, La Cima. Students will learn copyediting, layout/computer design, Photoshop, digital photography, and advertising fundamentals through the process of writing, editing and
laying out the college magazine. Students may take this course once and repeat it one more time for credit.

JOUR 231
Digital Magazine Production
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is intended for students wanting to learn the production and management techniques of the college online magazine La Cima as an online publication. Students will be shown basic techniques for writing and producing a campus online magazine. Students will be shown through lecture and demonstration the proper techniques for gathering editorial, photo, layout, and video contents for an online magazine and entering and placing the information on the pages of La Cima online.

JOUR 299
Directed Study: Journalism
1 Unit
Transfers to: UC, CSU
Independent Study/Directed Study is intended for students who have the ability to assume responsibility for independent work and to prepare written or oral reports and/or appropriate projects. To enroll in an independent study/directed study course, students must possess a 2.5 overall grade point average, a 3.0 grade point average in the discipline of study being requested, or receive an exception from the instructor. Independent Studies/Directed Studies may be developed from any topic arising from or related to a course of study that will result in developing depth and breadth in that subject area. Students will be expected to meet on a regular basis with their faculty sponsor and submit a final report or project, and student progress shall be evaluated at regular intervals. Academic standards for Independent Studies/Directed Studies shall be the same as those for other courses. Units are awarded in accordance to Title V regulations with one unit of credit awarded for 54 hours of Directed Studies, six (6) hours of which must be with an instructor. The instructor is responsible for monitoring student progress through the semester. Students may take directed study courses for a maximum of three (3) units within a discipline, and may not accumulate more than a total of nine (9) units college wide.

KIN 122
Nutrition for Sport and Fitness
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment
Transfers to: CSU
This course provides an overview of the role of nutrition to increase energy and enhance performance. Nutrient needs before, during, and after exercise are evaluated for their effect on optimal health. Carbohydrate loading, popular diets and supplementation are discussed. This course is designed for the student pursuing a career in the fitness industry, a certificate in the proposed Fitness Specialist Program, as well as those interested in furthering their understanding of the effects of nutrition on the mind and body.

KIN 193
Standard First Aid and CPR
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is designed for students pursuing a career working with the public and for those who want to further their understanding of handling emergency situations. The student will learn how to give immediate care to the suddenly injured or ill person. In addition, students will learn techniques for control of bleeding, splinting, transporting victims, emergency procedures, one person C.P. R. and the use of an AED. Students will have the opportunity to apply these technical procedures in class. This course fulfills the requirements for American Red Cross certifications in both Standard First Aid and Cardiopulmonary Resuscitation (C.P.R.).

KIN 196
Health: Fitness and Wellness
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: KIN 191, KIN 192, or KIN 196)
This course is designed for all students who are interested in learning the value of life-long, healthy lifestyles. Students will be given the tools to assist them in making positive life-style changes based on a personal health/fitness profile. Topics covered include: basic anatomy and physiology, nutrition, weight control, tobacco and alcohol, muscle fitness, flexibility, stress reduction, and cardiovascular functioning.

KINA 101
Tennis I
1 Unit
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)
This is a beginning tennis class designed to take the student to a recreational level in skills. Instruction in the serve, groundstroke, volley, and rules are taught. The student will also learn how to play doubles and singles matches so that the student can compete on a recreational level.

KINA 117
Swimming I
1 Unit
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)
This course is a beginning class designed to equip students with basic water skills and knowledge in order to make them reasonably safe while in the water. It is suitable for all students interested in basic swimming.

KINA 130
Lifelong Fitness Laboratory
1 Unit
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)
This 45 hour self-paced physical fitness laboratory is designed for all students of the college to develop and encourage positive attitudes and habits with regards to health- related fitness components, including cardiovascular fitness, flexibility, and muscular strength and endurance. Each student, upon entry, will be assessed for risk factors and medical history, as well as body composition, cardiovascular fitness, muscular strength and endurance, and flexibility to establish an individual fitness profile. From this profile, an individual exercise prescription will be developed. Fitness activity will primarily utilize exercise equipment organized into an aerobic super circuit with additional activity prescribed in the aerobics machine area, body parts weight training area, and flexibility area. It is expected that the student will attend an average of three 50 minute exercise sessions each week. Additional assessment at the conclusion of the semester will provide data necessary to evaluate the accomplishment of stated goals. Offered on a pass/no pass basis.
KINA 132
Aqua Aerobics
1 Unit
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfer to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)
This class is designed to utilize the resistance properties of the water to improve muscle tone, flexibility and cardiovascular health and endurance using various exercise movements. Further, water buoyancy will help support the joints and muscles of the body, enabling students of all levels of fitness and abilities to participate in the activity. Students will have the opportunity to improve overall body strength and conditioning through a sequence of exercises done in the water. Students who are overweight, pregnant, elderly, diabetic, recovering from injuries or who have been inactive would find this class appropriate, therapeutic, and beneficial to their health.

KINA 136
Pilates Mat I
1 Unit
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)
This course introduces students to the basic Pilates floor exercises, which are designed to increase strength in the abdominal and spinal musculature. Students will engage in activities and exercises designed to increase awareness of body alignment, increase strength in the torso, spine and limbs, increase endurance, learn breathing techniques to utilize in strength training exercises, increase coordination, improve balance, and will learn about the muscle groups and their actions being utilized in the course. This course is suitable for students interested in dance. Hatha Yoga, athletics and individuals seeking to increase strength to better support the spine in everyday activities.

KINA 139
Cross Training for Fitness
1 Unit
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)
This cross-training course is designed for the beginning as well as advanced student who wishes to increase their cardiovascular fitness level through a variety of aerobic and anaerobic activities. It is designed to present the following skills to the student: cycling, running, swimming, interval training and introduction to weight training. Additionally, the student will learn basic definitions and terminology of the current fitness arena, assisting them with life long fitness goals using a variety of cardiovascular mediums.

KINA 140
Walking for Fitness
1 Unit
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)
This course is designed to meet the needs of daily physical exercise for life long fitness and health. Walking is one of the safest and most effective forms of exercise to improve health, and develop and maintain physical fitness. The course provides cardiovascular conditioning through the activity of walking. Instruction in proper diet, heart rate monitoring, skill proficiency and fitness program planning will be
provided to each student. This class is designed for students who are interested in starting an exercise program, or developing an active lifestyle.

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<td>Stephen Smith</td>
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<td>Steve Johnson</td>
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<td>KINA 158</td>
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<td>Rachel Lopez</td>
<td>PE139</td>
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</table>

This course is designed for specific physical fitness related to off-season intercollegiate athletic participation. The purpose of the course is to develop a level of physical fitness, strength and conditioning that will enhance the athlete's ability to be successful in intercollegiate competition. This course may be repeated three times for credit.

KINA 147
Off-Season Conditioning for Intercollegiate Sports
1 Unit
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)

This course is designed for all students preparing for specific physical fitness related to off-season intercollegiate athletic participation. The purpose of the course is to develop a level of physical fitness, strength and conditioning that will enhance the athlete's ability to be successful in intercollegiate competition. This course may be repeated three times for credit.

KINA 148
Strength Training
1 Unit
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)

This course is designed for students who would like to learn the basic fundamentals of strength and conditioning. Students will be introduced to a variety of routines that will enable them to develop a personal exercise plan.

KINA 158
Yoga I
1 Unit
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfer to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)

This course is designed for the beginning student who would like to learn the fundamental physical Asanas (poses) of Hatha Yoga as well as Pranayama (breathing techniques) and Dhyana (meditation techniques). The goal of the course is to integrate the mind, body, and spirit and to give the student tools to better manage stress, alleviate physical tensions, and encourage optimum fitness. In this introductory course, students learn proper physical alignment in the standing poses (Sun Salutation Series A-C, Warrior 1-2, Downward Dog, Upward Dog, Cobra, Triangle, Crescent), the floor poses (Staff, Lotus, Cobbler, Twists, Backbends), and in elementary inversions (Inverted Leg Rest, Headstand Preparation, WallDog Preparation).
KINA 159
Cross Training for Intercollegiate Athletics
1 Unit
Prerequisite: Participation in Intercollegiate Sports
Advisory: READ 022 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)
This course is designed for any student preparing for intercollegiate athletic competition. This cross-training course is designed for the advanced student-athlete who wishes to increase all aspects of their fitness levels through a variety of strength, flexibility, aerobic and anaerobic activities. The specific physical fitness routines required by the intercollegiate athlete during the off-season will be addressed. The purpose of the course is to develop a level of physical fitness, strength and conditioning that will enhance the athlete's ability to be successful in intercollegiate competition. This course may be repeated three times for credit.

51797 LAB 7/11/16 - 8/12/16 MTWR 1135 - 1400 Orlando Brenes Soccer Field 51798

KINA 230
Lifelong Fitness Center II - Cardiovascular Fitness
1 Unit
Prerequisite: KINA 130 or PE 130
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment
Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)
This class is a course designed to give the student skills and information to improve their own cardiovascular fitness. This class will involve instruction and practice in techniques that will promote cardiovascular fitness: running, jump rope, core training, aerobic activity, aerobic circuit and resistance bands. The student will learn about the importance of blood pressure, heart rate and diet in relation to cardiovascular disease.

51680 ARR 6/6/16 - 8/12/16 Kathy Pudelko PE150

LIT 102
Approaches to Literature
3 Units
Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment
Advisory: READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: LIT 102 or LIT 102H)
This course is designed for students who wish to study the four general literary forms: poetry, drama, short story, and novel. Emphasis is placed on critical thinking, critical reading, and composing. Compositions will be based upon discussion, analysis and interpretations of literature, and upon the relationship of Western and Non-Western literature to contemporary thought.

50114 CLAS 7/11/16 - 8/12/16 MTWR 1800 - 2025 William Curington A215
51165 WEB 6/20/16 - 8/12/16 Alonso Garcia

LIT 142
Introduction to Shakespeare
3 Units
Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment
Advisory: READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is designed for students who wish to increase their knowledge and appreciation of Shakespeare's art, his life and times, and his exploration of the human condition. The major works of Shakespeare are explored in the context of the dramatic genre, the Elizabethan theater, and the social, religious, and
political milieu of Renaissance England. Representative tragedies, comedies, histories, romances, poetry, and the sonnet cycle are studied.

MATH 020
Basic Mathematics
3 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 021 or appropriate assessment; Individual modules to be taken in sequence.
This course is designed for students who need a review of the basic principles and skills of arithmetic. The general areas of review are: operations with whole numbers and fractions; operations with decimals and proportional thinking; percent problems and applications to percents. Students may enroll in MATH 020 in a lecture section for three units of credit or in individual one-unit modules: MATH 020A, 020B, and 020C in the Math and Science Center (MSC). This is a non-degree credit course.

MATH 020A
Basic Mathematics A
1 Unit
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 021 or appropriate assessment; Individual modules to be taken in sequence.
This course is designed for students who need a review of the basic principles and skills of arithmetic. See MATH 020 for more information.

MATH 020B
Basic Mathematics B
1 Unit
Prerequisite: MATH 020A with a "C" or better
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 021 or appropriate assessment; Individual modules to be taken in sequence.
This course is designed for students who need a review of the basic principles and skills of arithmetic. See MATH 020 for more information.

MATH 020C
Basic Mathematics C
1 Unit
Prerequisite: MATH 020B with a "C" or better
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 021 or appropriate assessment; Individual modules to be taken in sequence.
This course is designed for students who need a review of the basic principles and skills of arithmetic. See MATH 020 for more information.

MATH 030
Prealgebra
4 Units
Prerequisite: MATH 020 or MATH 021 or MATH 020C with a "C" or better or appropriate assessment
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
This course is designed primarily for students who know the fundamentals of arithmetic, and have had little or no background in algebra. The course strengthens the student's arithmetic and informal geometry skills, provides an introduction to the abstractions of algebra using fundamental principles of rational numbers,
order of operations, and solving linear equations. Students may enroll in MATH 030 in a lecture section for four units of credit, or individual one-unit modules 030A, 030B, 030C, and 030D in the Math and Science Center (MSC).

**MATH 030A**  
**Prealgebra A**  
1 Unit  
Prerequisite: MATH 020 or MATH 021 or MATH 020C with a "C" or better or appropriate assessment  
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment  
This course is designed primarily for students who know the fundamentals of arithmetic, and have had little or no background in algebra. See MATH 030 for more information.

**MATH 030B**  
**Prealgebra B**  
1 Unit  
Prerequisite: MATH 030A with a "C" or better  
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment  
This course is designed primarily for students who know the fundamentals of arithmetic, and have had little or no background in algebra. See MATH 030 for more information.

**MATH 030C**  
**Prealgebra C**  
1 Unit  
Prerequisite: MATH 030B with a "C" or better  
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment  
This course is designed primarily for students who know the fundamentals of arithmetic, and have had little or no background in algebra. See MATH 030 for more information.

**MATH 030D**  
**Prealgebra D**  
1 Unit  
Prerequisite: MATH 030C with a "C" or better  
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment  
This course is designed primarily for students who know the fundamentals of arithmetic, and have had little or no background in algebra. See MATH 030 for more information.

**MATH 050**  
**Elementary Algebra**  
4 Units  
Prerequisite: MATH 030 or MATH 030D or MATH 033 with a grade of "C" or better or appropriate assessment  
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment  
This course is an introduction to the basic principles and skills of algebra. It is designed primarily for those
students who have no prior training in algebra or need a review of the fundamentals of algebra. Topics include: numbers and their properties, operations with real numbers, exponents, solutions and graphs of linear equations, slopes of lines, system of linear equations and applications, operations with polynomials including factoring, solving quadratic equations, operations with simple rational and radical expressions. Students may enroll in MATH 050 in a lecture section for four units of credit, or individual one-unit modules 050A, 050B, 050C, and 050D in the Math and Science Center (MSC) or online.

<table>
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<tr>
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MATH 050A
Elementary Algebra A
1 Unit
Prerequisite: MATH 030 or MATH 030D or MATH 033 with a grade of "C" or better or appropriate assessment
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
This course is an introduction to the basic principles and skills of algebra. It is designed primarily for those students who have no prior training in algebra or need a review of the fundamentals of algebra. See MATH 050 for more information.

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MATH 050B
Elementary Algebra B
1 Unit
Prerequisite: MATH 050A with a grade of "C" or better or appropriate assessment
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
This course is an introduction to the basic principles and skills of algebra. It is designed primarily for those students who have no prior training in algebra or need a review of the fundamentals of algebra. See MATH 050 for more information.

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<td>050</td>
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<td>6/6-16 - 8/12/16</td>
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<td>George Wang S300</td>
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<td>MTWRF 0800 - 1120</td>
<td>Jan La Torno</td>
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MATH 050C
Elementary Algebra C
1 Unit
Prerequisite: MATH 050B with a grade of "C" or better or appropriate assessment
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
This course is an introduction to the basic principles and skills of algebra. It is designed primarily for those students who have no prior training in algebra or need a review of the fundamentals of algebra. See MATH 050 for more information.
**MATH 050D**  
**Elementary Algebra D**  
1 Unit  
Prerequisite: MATH 050C with a grade of "C" or better or appropriate assessment  
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment  
This course is an introduction to the basic principles and skills of algebra. It is designed primarily for those students who have no prior training in algebra or need a review of the fundamentals of algebra. See MATH 050 for more information.

**MATH 070**  
**Intermediate Algebra**  
4 Units  
Prerequisite: MATH 050 or MATH 050D or MATH 053 with a grade of "C" or better or appropriate assessment  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: CSU if taken prior to the Fall Semester, 1988  
This course is designed for students who have completed an elementary algebra course and need to complete an additional course in algebra before proceeding to a college level transferable course. This course is a study of linear and quadratic equations and inequalities, system of linear equations, polynomials, exponents and radicals, relations and functions, graphs of functions, exponential and logarithmic expressions and their applications. Students may enroll in MATH 070 in a lecture section for four units of credit or in individual one-unit modules: MATH 070A, 070B, 070C, and 070D in the Math and Science Center (MSC) or online.

**MATH 070A**  
**Intermediate Algebra A**  
1 Unit  
Prerequisite: MATH 050 or MATH 050D or MATH 053 with a grade of "C" or better or appropriate assessment  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: CSU if taken prior to the Fall Semester, 1988  
This course is designed for students who have completed an elementary algebra course and need to complete an additional course in algebra before proceeding to a college level transferable course. See MATH 070 for more information.

**MATH 070B**  
**Intermediate Algebra B**  
1 Unit  
Prerequisite: MATH 070A with a grade of "C" or better or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU if taken prior to the Fall Semester, 1988

This course is designed for students who have completed an elementary algebra course and need to complete an additional course in algebra before proceeding to a college level transferable course. See MATH 070 for more information.

51002  WEB  6/6/16 - 8/12/16  George Wang  S300
51769  WEB  6/6/16 - 8/12/16  Jan La Turno

MATH 070C
Intermediate Algebra C
1 Unit
Prerequisite: MATH 070B with a grade of "C" or better or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU if taken prior to the Fall Semester, 1988
This course is designed for students who have completed an elementary algebra course and need to complete an additional course in algebra before proceeding to a college level transferable course. See MATH 070 for more information.

51003  WEB  6/6/16 - 8/12/16  George Wang  S300
51770  WEB  6/6/16 - 8/12/16  Jan La Turno

MATH 070D
Intermediate Algebra D
1 Unit
Prerequisite: MATH 070C with a grade of "C" or better or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU if taken prior to the Fall Semester, 1988
This course is designed for students who have completed an elementary algebra course and need to complete an additional course in algebra before proceeding to a college level transferable course. See MATH 070 for more information.

51004  WEB  6/6/16 - 8/12/16  George Wang  S300
51771  WEB  6/6/16 - 8/12/16  Jan La Turno

MATH 130
Statistics
4 Units
Prerequisite: MATH 070 or MATH 070D or MATH 073 with a grade of "C" or better or appropriate assessment
Advisory: ENGL 101 or appropriate assessment; READ 101 or appropriate assessment

Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: MATH 130 or MATH 130H)
This course is designed for students majoring in business, social sciences, and life sciences. This course provides an overview of descriptive and inferential statistics. The students learn to read, interpret and present data in a well-organized way. This includes frequency distributions, graphs, measures of central tendency and variability, correlation and linear regression. While discussing inferential statistics, the students learn to make generalizations about populations. This includes probability, sampling techniques, confidence intervals, and hypothesis tests.

50393  CLAS  6/20/16 - 7/29/16  MTWR  1415 - 1705  Lynne Graham  S211
50396  CLAS  6/20/16 - 7/29/16  MTWR  1800 - 2050  Evelyn Chau  S330
51173  WEB  6/6/16 - 8/12/16  Mark Littrell
51426  CLAS  6/20/16 - 7/29/16  MTWR  0800 - 1050  Subhash Malakar  S211
MATH 160
College Algebra
4 Units
Prerequisite: MATH 070 or MATH 070D or MATH 073 with a grade of "C" or better or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: MATH 160 or MATH 165 or MATH 180)
This course will cover linear, quadratic, polynomial, power, exponential, and logarithmic functions and their applications from a graphical, numerical, and analytical point of view. The course also will cover systems of equations and inequalities and sequences and series. The course serves as preparation for students planning to take Elements of Calculus (MATH 170). Graphing technology will be required.

50400  CLAS  6/20/16 - 7/29/16  MTWR  1100 - 1315  Hoa Ly  S211
50401  CLAS  6/20/16 - 7/29/16  MTWR  1800 - 2050  Jesus Gutierrez  S200
51772  WEB  6/6/16 - 8/12/16  Ryan Bronkar  S329

MATH 175
Plane Trigonometry
3 Units
Prerequisite: MATH 060 and MATH 070 or MATH 070D or MATH 073 with a grade of "C" or better or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is designed for students who are majoring in math, science, and engineering. This course equips students with the skills necessary for success in pre-calculus. It presents the concepts of plane trigonometry using a functions approach.
Included is a study of basic relations, functions, and transformations, as well as circular functions, trigonometric functions of angles, identities, inverse functions and their equations and solutions of triangles.

50402  CLAS  6/6/16 - 7/8/16  MTWF  0800 - 1045  Lydia Gonzalez  S209
51773  CLAS  6/20/16 - 7/29/16  MTWR  1400 - 1650  Ryan Bronkar  S329

MATH 180
Pre-Calculus
4 Units
Prerequisite: MATH 175 with a grade of "C" or better or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 101 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: MATH 160 or MATH 165 or MATH 180)
This course is designed to prepare students for the study of calculus. It presents a comprehensive study of linear, quadratic, polynomial, exponential, logarithmic, rational, and trigonometric functions. Inequalities, introductory analytical geometry, polar coordinates, polar equations and their graphs, DeMoivre's Theorem and an introduction to sequences are also included. This course is a prerequisite for MATH 190.

50403  CLAS  6/20/16 - 7/29/16  MTWR  0900 - 1150  Juepi Hsiao  S226

MATH 190
Calculus I
4 Units
Prerequisite: MATH 180 with a grade of "C" or better or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 101 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: MATH 170, MATH 190 or MATH 190H)
MATH 190 is a semester course designed primarily for those students planning to pursue programs in
engineering, mathematics, computer science, and physical sciences. This course includes topics of
differential and integral calculus of a single variable.

MGMT 101
Introduction to Business
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment
Transfers to: UC, CSU
This course is designed for the student who has an interest in a career in business. Topics cover business
operations, strategies for both, domestic and international markets, economic factor, legal regulations,
management, leadership, marketing, financial operations, accounting controls, and e-commerce. This
course will count toward a business certificate or degree in business and will transfer to a four-year school.

50494  WEB  6/6/16 - 8/12/16  Eugene Blackmun
51509  WEB  6/6/16 - 8/12/16  Kathleen Colquitt

MGMT 140
Introduction to International Business
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is designed to provide students with a global perspective of business and acquaint students
with the relationship of culture, politics, laws, and economics to operation in today’s complex global
business environment. The subjects covered will include international trade and finance, confidentiality and
privacy, international marketing, and international human resources management. This course is designed
for students looking for entry-level positions in the field of international business.

50518  WEB  6/20/16 - 8/12/16  Julie Huang

MGMT 290
Cooperative Work Experience/Internship for Business Management Related Fields
1 Unit
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course supports and reinforces on-the-job training in business and industrial establishments under
supervision of a college instructor and is facilitated by the use of learning objectives. The student will be
working in a skilled or professional level assignment in their area of vocational interest and will meet
performance objectives related to instruction that are above and beyond the conditions of regular
employment. This course is intended for students whose job is related to the field of Business Management
and have completed or enrolled in the appropriate coursework. "Contact the CWE office regarding re-
enrollment procedures".

Student Unpaid Internship:
1 Unit/60 hours; 2 Units/120 hours;
3 Units/180 hours; 4 Units/240 hours

Student Paid Internship:
1 Unit/75 hours; 2 Units/150 hours;
3 Units/225 hours; 4 Units/300 hours.

50710  ARR  6/6/16 - 8/12/16  Andrew Feinour  B100
      CLAS  6/6/16 - 8/12/16  Andrew Feinour  B100
50712  ARR  6/6/16 - 8/12/16  Andrew Feinour  B100
      CLAS  6/6/16 - 8/12/16  Andrew Feinour  B100
51723  ARR  6/6/16 - 8/12/16  Andrew Feinour  B100
      CLAS  6/6/16 - 8/12/16  Andrew Feinour  B100
51724  ARR  6/6/16 - 8/12/16  Andrew Feinour  B100
MSCM 103  
Survey of Motion Picture, Radio and Television  
3 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment  
Transfers to: UC (credit limit *), CSU (*Students will receive credit from UC for only one of the following courses: MSCM 103 or MSCM 128)  
This course presents a broad survey of the history, theory, aesthetic principles, and production techniques used in the making of motion pictures, radio, and television programs. Students will view or listen to numerous television shows, motion pictures, films, and radio programs in order to become familiar with various production techniques and methods of critically evaluating media presentations. Guest lecturers and field trips to film, TV shows, and radio studios may be scheduled.  

MUS 101  
Fundamentals of Music  
3 Units  
Advisory: READ 023 or appropriate assessment  
Transfers to: UC, CSU  
This is a course designed for the student interested in the fundamentals of music theory. Included in this class will be a study of basic notation, rhythm reading, major and minor scale construction, simple musical analysis and basic chord construction.  

MUS 133  
Music Appreciation  
3 3 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC, CSU  
This course is a survey of musical practices from various periods of music history with an emphasis on social, political and commercial contexts. Types of music to be covered will include Classical, Jazz, Rock, Blues and World Music. This course is targeted for students seeking to fulfill the general education requirement in the arts.  

MUS 135  
Music in Film  
3 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC, CSU  
This course is a survey of the art and craft of film music as practiced by prominent film composers and sound designers. Emphasis will be placed on history and function from 1930 to the present, as well as cultural context. The class is designed for students interested in learning how music influences film.  

MUS 140  
Beginning Voice I  
1.5 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC, CSU  
This course is designed for students who wish to learn the foundation skills of singing including breath support, posture, intonation, enunciation, and stage presence. Students will prepare songs appropriate for the beginning skill level. No previous musical experience is necessary.
MUS 142
Intermediate Voice I
1.5 Units
Prerequisite: MUS 140 with a grade of "C" or better
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is designed for students who wish to further develop the techniques acquired in Beginning Voice. A comprehensive study of style and artistic interpretation will be included.

MUS 145
Beginning Piano I
1.5 Units
Advisory: READ 023 or appropriate assessment
Transfers to: UC, CSU
This class is for the student interested in beginning piano skills, and in the understanding of music through the study of simple piano pieces. The development of skills at the beginning level may be used in the playing of various styles including Classical, Pop, Jazz and Rock. Individual pieces are performed in class. No previous experience is necessary.

MUS 146
Beginning Piano II
1.5 Units
Advisory: READ 023 or appropriate assessment
Prerequisite: MUS 145 with a "C" or better
Transfers to: UC, CSU
This class is for the student interested in beginning piano skills, and in the understanding of music through the study of simple piano pieces. The development of skills at the beginning level may be used in the playing of various styles including Classical, Pop, Jazz and Rock. Individual pieces are performed in class. This course is a continuation of materials learned in Beginning Piano I.

MUS 147
Intermediate Piano I
1.5 Units
Advisory: READ 023 or appropriate assessment
Prerequisite: MUS 146 with a "C" or better
Transfers to: UC, CSU
This course is designed for students seeking to broaden their knowledge and understanding of piano literature. Varied works of intermediate difficulty will be introduced. Attention is given to the refinement and polishing of technique through scales, arpeggios, sight-reading, interpretation and tone production.

MUS 150
Beginning Guitar
1.5 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is designed for the student interested in beginning guitar skills and in the understanding of music through the study of simple guitar pieces. The development of skills at the beginning level may be used in the playing of various styles including Classical, Pop, Jazz, Rock and Blues. No previous musical experience is necessary.

51722  CLAS  6/6/16 - 7/8/16  MTW  1330 - 1430  Frank Accardo  M109
        LAB  6/6/16 - 7/8/16  MTW  1440 - 1610  Frank Accardo  M109

MUS 151
Intermediate Guitar
1.5 Units
Prerequisite: MUS 150
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This intermediate level course is designed for students who seek to broaden their understanding of guitar literature by performing moderately difficult works. Attention is given to the refinement and polishing of technique through scales, arpeggios, sight-reading, interpretation and tone production.

50503  CLAS  6/6/16 - 7/8/16  MTW  1330 - 1430  Frank Accardo  M109
        LAB  6/6/16 - 7/8/16  MTW  1440 - 1610  Frank Accardo  M109

MUS 181
Applied Music I
2 Units
Prerequisite: Audition
Corequisite: Enrollment in a Rio Hondo College Large Ensemble (either MUS 116 or MUS 117 or MUS 120 or MUS 134 or MUS 138 or MUS 139)
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course offers individual instruction in voice, piano, guitar, band or orchestral instruments with an assigned instructor. Emphasis will be placed on study at the beginning level of technique and repertoire. Weekly, it includes one recital class, and one individual lesson. Performance for a faculty jury will be required at the end of the semester.

51832  ARR  6/6/16 - 7/8/16  Kellori Dower

MUS 240
Advanced Voice I
2 Units
Prerequisite: MUS 142 with a grade of "C" or better
Advisory: READ 023 or appropriate assessment
This course is designed for students interested in further developing the interpretive and technical demands inherent in advanced vocal performance. Attention is given to a detailed study and analysis of vocal technique and interpretation. Public performance will be required.

51829  CLAS  6/6/16 - 7/8/16  R  0930 - 1100  Kellori Dower  M109
        6/6/16 - 7/8/16  MTW  1000 - 1100  Kellori Dower  M109
        LAB  6/6/16 - 7/8/16  MTW  1105 - 1235  Kellori Dower  M109

NBAS 009
College Refresher Basic Skills/Individual Study
0 Units
Courses for individual study in basic reading, writing and mathematics. Areas covered can include any basic skill that needs to be improved for college learning and/or career and personal growth.

50502  ARR  6/6/16 - 8/12/16  Moises Mata  LR114
NBAS 010
College Refresher Math/Individual Study
0 Units
Courses for individual study in basic mathematics. Areas to be covered can include whole numbers, fractions, decimals, percent, measurement, applications in consumer math, and other topics determined by individual student need.

50694 ARR 6/6/16 - 8/12/16 George Wang S300

NCHS 001
Health and Fitness
0 Units
This is an open-entry, open-exit course to develop and enhance a student's knowledge of the importance of healthy lifestyles and to further develop skills which will facilitate a personal fitness program. Student's will also participate in specific activities that develop an individual's level of physical fitness.

50530 ARR 6/6/16 - 8/12/16 Kathy Pudelko PE150

NCOA 001
Painting for Older Adults
0 Units
This course offers the older adult an individual approach to painting and creative arts. Topics can include art appreciation and art history; awareness of line, color, shape and form; techniques in drawing and progression through color mixing and canvas painting. Creativity and general art knowledge will be taught in a friendly and relaxed environment allowing each artist to work at their own pace.

50299 CLAS 6/6/16 - 8/12/16 W 1600 - 1745 Leslie Gardner-Lemus La Mirada Activity Center
50546 CLAS 6/6/16 - 8/12/16 M 1400 - 1630 Leslie Gardner-Lemus Gus Velasco Neighborhood Ctr
50744 CLAS 6/6/16 - 8/12/16 T 1300 - 1530 Leslie Gardner-Lemus San Gabriel Valley Service Ctr
51194 CLAS 6/6/16 - 8/12/16 R 1300 - 1500 Leslie Gardner-Lemus B110

NCOA 012
Physical Fitness for the Older Adult
0 Units
This physical fitness class is designed for the older adult and offers instruction in movement to maintain and increase range of motion, build muscle strength, maintain coordination, flexibility and balance. Class topics include discussions on nutrition, the effects of aging, safety factors and memory skills.

50282 CLAS 6/6/16 - 8/12/16 TR 0930 - 1045 Patricia Usary Posada Retirement Community

NESL 035
ESL Multi-Level
0 Units
This course focuses on preparing students to use English to achieve tasks within a variety of real-life situations such as a doctor's office or a department store. Students are instructed to be able to listen, speak, read, and write in English in context-specific environments.

50208 CLAS 6/6/16 - 8/12/16 MW 0900 - 1130 Eugene Olea Community Resource Center
50238 CLAS 6/6/16 - 8/12/16 F 0830 - 1200 Susan Ikeda El Monte Educational Center

NHSL 030
Nursing Skills Lab
0 Units
This course complements the HS, ADN and VN lecture courses and is designed to provide an additional opportunity for students to practice skills covered in their co-requisite courses. These instructional activities are not available in the regular lecture/lab course and are not required for the grade in the co-requisite course.

51776 CLAS 6/6/16 - 7/29/16 Gail Biesemeyer
NVOC 005  
**Theatre Production Workshop**  
0 Units  
This course will introduce students to all aspects of preparing for and presenting a full theater production. Topics covered will include technical set-up of the stage, the dress rehearsal, pre-show preparation, techniques for striking the set and the special needs of a traveling show.

50789  ARR  6/27/16 - 8/8/16  William Korf

NVOC 038  
**Real Estate Practice**  
0 Units  
This class is an introduction to professional aspects of the real estate business. Topics include agency responsibilities for the salesperson and the broker, office management, how to list and prospect property, selling and marketing techniques, advertising, financing, escrow and closing procedures. Students will acquire a general understanding of fields related to real estate such as finance, appraisal, escrow, and investing. The class will detail the areas necessary to conduct a modern real estate brokerage business. This course is approved by the California Department of Real Estate as one of the required courses for the State Sanctioned Conditional Real Estate Sales Persons License.

51858  CLAS  6/21/16 - 7/28/16  TR  1800 - 2200  Jaime Carranza B110

NVOC 150  
**AutoCAD for Basic CADD Applications**  
0 Units  
This course is for students preparing for high technology careers who need the skills necessary to function as an entry level CADD operator or to apply CADD to specific disciplines of mechanical and architectural design, manufacturing, illustration and engineering related documents. An overview of computer graphics and CADD (Computer Assisted Design and Drawing) utilizing the latest release of AutoCAD software will be provided. Students will produce 2D orthographic, isometric, and basic 3D models solutions of mechanical and architectural applications.

51193  CLAS  6/20/16 - 7/29/16  TWR  0800 - 1100  Joseph Sunyogh S307  
LAB  6/20/16 - 7/29/16  TWR  1105 - 1405  Joseph Sunyogh S307

PAC 043  
**Advanced Officers Course**  
0.148 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; PAC 040 or PAC 075B,075C  
This course is designed for upgrading currently employed law enforcement personnel. The curriculum follows that recommended by the Commission of Peace Officer Standards and Training. The course is designed to keep peace officers informed of new laws, recent court decisions, current enforcement procedures, new concepts in law enforcement, technology, community relations and other refresher training as may be necessary. This description applies to all PAC 043 series courses.

51837  CLAS  6/23/16 - 6/23/16  R  0800 - 1600  Robert Reid

PHIL 101  
**Introduction to Philosophy**  
3 Units  
Advisory: ENGL 101 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC, CSU  
This course introduces philosophical ideas and methods concerning knowledge, reality and values. Expected topics will 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. This course is appropriate for anyone seeking a broader program of philosophical study, or to fulfill general Humanities or Philosophy major requirements.
PHIL 112
Introduction to Logic
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment
Transfers to: UC, CSU
This course introduces the formal methods and principles of deductive logic. Topics include translation between natural and formal language, syllogistic logic, and propositional logic. This course is especially recommended for students of mathematics, business, computer science, science, engineering, law, and humanities.

PHIL 120
Introduction to Ethics
3 Units
Advisory: ENGL 101 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This introductory level course is for students interested in the humanities, law, medicine, politics, social science and related fields, and will expose them to some of the most profound moral and ethical questions in the Western philosophical tradition. We will examine the concept of morality and values, representative ethical theories, and may include their applications to moral problems.

PHTO 190
Beginning Photography
3 Units
Advisory: READ 023 or appropriate assessment; ART 120
Transfers to: UC, CSU
This course is designed for students who wish to study the basic technical and conceptual approaches to contemporary photography. Traditional black and white photography techniques are explored, with special emphasis on the basic use of the 35 mm camera and enlarger as well as the processing of black and white film and printing paper. Students are required to provide their own 35 mm camera with manual controls.

PHTO 191
Intermediate Photography
3 Units
Prerequisite: PHTO 190
Advisory: READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is designed for students who have successfully completed beginning photography and wish to study more advanced technical and conceptual approaches to contemporary black and white photography in a 35mm film based, wet lab environment. Techniques such as the use of studio lighting, light meters, toners, hand coloring, and solarization are explored, with special emphasis given to understanding the conceptual framework for the production and analysis of both personal and commercial photographic imagery. Students are required to provide their own 35mm camera with manual controls.
PHY 120
Physics for Everyday Use
4 Units
Prerequisite: MATH 050 or MATH 050D or MATH 053 with a grade of "C" or better or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive no credit from UC for PHY 120 if taken after PHY 150 or PHY 211)
This course investigates the basic characteristics of matter and the interactions that govern its behavior and emphasizes how remarkable everyday phenomena are. Examples from popular culture (movies, TV, and sports) are emphasized. Topics include how to describe an object's motion, how to explain changes in an object's motion, the roles of work and energy, and other topics. The course is oriented to the non-science major, stresses conceptual understanding, and is intended to present students with an opportunity to see how our world works.

50345  CLAS  6/20/16 - 7/29/16  MTWR  1700 - 1905  Walter Christensen  S226
50345  LAB    6/20/16 - 7/29/16  MTWR  1915 - 2120  Walter Christensen  S224

POLS 110
Government of the United States
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: POLS 110 or POLS 110H)
This course surveys and analyzes the origins, principles, institutions, policies, and politics of U.S. National and California State Governments, including their constitutions. Emphasis is placed on the rights and responsibilities of citizens, and an understanding of the political processes and issues involved in the workings of government. This course fulfills the American Institutions requirement for the Associate Degree. It also is suitable for students wishing to expand their knowledge of local, state and national governments.

50062  CLAS  6/20/16 - 7/29/16  MW  1800 - 2215  Anika Jackson  A212
50063  CLAS  6/20/16 - 7/29/16  TR  1800 - 2215  Timothy Shaw  A212
50991  WEB    6/20/16 - 8/12/16  Colin Young
51065  CLAS  7/11/16 - 8/12/16  MTWR  0800 - 1025  Lisa Ross  B109
51066  CLAS  7/11/16 - 8/12/16  MTWR  0800 - 1025  Jose Baca  A212
51067  CLAS  7/11/16 - 8/12/16  MTWR  1045 - 1310  Lisa Ross  B109
51068  WEB    6/20/16 - 8/12/16  Colin Young
51069  WEB    6/20/16 - 8/12/16  Jose Baca
51070  WEB    6/20/16 - 8/12/16  Jose Baca
51750  CLAS  6/9/16 - 7/13/16  MTWR  1055 - 1330  Ybonne Torres  El Rancho High School
51801  CLAS  6/6/16 - 7/8/16  MTWR  1045 - 1310  Natasha Ramos-Bernal  A212
51848  CLAS  6/6/16 - 7/8/16  MTWR  0800 - 1030  David Kelly  El Monte Educational Center

PSY 101
Introductory Psychology
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: PSY 101 or PSY 101H)
This course is designed as a general introduction to psychology for psychology majors, those with an interest in psychology, or anyone with a desire to further their understanding of human behavior. It provides an overview of the field of psychology, introducing students to the research methods used to advance the science of psychology and the various areas that comprise this diverse discipline. Research and theories are presented, discussed, and evaluated. Topics covered include biological psychology,
sensation and perception, lifespan development, learning, memory, motivation and emotion, cognition, personality, psychopathology and social psychology.

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<th>Course</th>
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**PSY 112**

**Lifespan Development**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: PSY 112 or CD 106)

This course provides an overview of human psychological development across the lifespan. It addresses the physical, cognitive, social, and emotional changes that occur from the prenatal period through death. It explores the development issues of stability vs. change, continuity vs. discontinuity, and nature vs. nurture, and examines the perspectives of major developmental theorists, including Freud, Erickson, and Piaget. It explores current research findings and their applicability to ongoing developmental problems. This course is appropriate for the student seeking to develop a better understanding of the developmental gains and losses that occur throughout our lives.

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**RDIO 299**

**Directed Study: Radio**

1 Unit

Transfers to: UC, CSU

Independent Study/Directed Study is intended for students who have the ability to assume responsibility for independent work and to prepare written or oral reports and/or appropriate projects. To enroll in an independent study/directed study course, students must possess a 2.5 overall grade point average, a 3.0 grade point average in the discipline of study being requested, or receive an exception from the instructor.

Independent Studies/Directed Studies may be developed from any topic arising from or related to a course of study that will result in developing depth and breadth in that subject area. Students will be expected to meet on a regular basis with their faculty sponsor and submit a final report or project, and student progress shall be evaluated at regular intervals. Academic standards for Independent Studies/Directed Studies shall be the same as those for other courses. Units are awarded in accordance to Title V regulations with one unit of credit awarded for 54 hours of Directed Studies, six (6) hours of which must be with an instructor. The instructor is responsible for monitoring student progress through the semester. Students may take directed study courses for a maximum of three (3) units within a discipline, and may not accumulate more than a total of nine (9) units college wide.

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<td>John Francis</td>
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**READ 022**

**Intermediate Reading Skills**

3 Units

Prerequisite: Successful completion of READ 021 with a "P" or appropriate placement through the Rio Hondo assessment process.
Corequisite: READ 022L
This course is designed for students who want to improve their reading skills in order to succeed in other college classes. Students will develop comprehension and vocabulary through the reading of material drawn from popular works, textbooks, magazines, and newspapers. Areas addressed include determining main ideas, recognizing supporting details, identifying author's organization, and making inferences. This is a non-degree credit course and is offered on a pass/no pass basis. All students are required to concurrently enroll in READ 022L.

READ 022L
Reading Lab
0.5 Units
Prerequisite: Successful completion of READ 021 with a "P" or appropriate placement through the Rio Hondo assessment process
Corequisite: READ 022
This course is a skills class intended to assist students in improving reading comprehension and vocabulary through individually prescribed lab work. Students will complete reading tasks designed to complement the activities of their reading course. All READ 022 students must enroll. This is a non-degree applicable course offered on a pass / no pass basis.

READ 023
Reading College Textbooks
3 Units
Prerequisite: READ 022 or appropriate assessment
This is a course designed for students who need to improve their reading competencies in order to succeed in other college classes. Areas of emphasis will include reading strategies essential in such academic areas as social sciences, science, technology, business and humanities. The course also introduces academic vocabulary. This is a non-degree credit course and is offered on a pass / no-pass basis.

READ 101
Critical Reading
3 Units
Prerequisite: READ 023 or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment
Transfers to: CSU
This course is designed to aid students in acquiring critical reading and thinking skills across the disciplines. Emphasis is placed on the ability to analyze and evaluate material by establishing thesis and support as well as by analyzing elements of argumentation. The course also focuses on vocabulary and the effects of language on the reader.

SOC 101
Introduction to Sociology
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: SOC 101 or SOC 101H)
This course is designed for those with an interest in Sociology, or anyone with a desire to further their understanding of human group behavior and the organization of society. The student, using several theoretical points of view, will study and analyze: (1) the organization of social life; (2) problems of inequality - of age, sex, race and ethnicity, social class and life style; (3) the basic social institutions: family, religion, and economics; and (4) global issues of technology, social movements and social change.

50083  CLAS  6/20/16 - 7/29/16  MW  1800 - 2215  Ruzanna Karmiryan  A229
50749  WEB  6/20/16 - 8/12/16  Melissa Juarez
50750  WEB  6/20/16 - 8/12/16  Melissa Juarez
51082  CLAS  6/6/16 - 7/8/16  MTWR  0800 - 1025  Brian Brutlag  A229
51512  CLAS  6/6/16 - 7/8/16  MTWR  1045 - 1310  Brian Brutlag  A229

**SOC 102**

**Major Social Problems**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC, CSU

This course is designed to provide students with an understanding of the definition, development, reduction and elimination of major social problems in contemporary society. Topics addressed include problems of mental and physical health including addictions, crime and violence, social inequality, terrorism and war, as well as technology and the environment. Various social theories and relevant empirical research are critically examined throughout the course.

51019  WEB  6/20/16 - 8/12/16  Daniel Roddick
51804  CLAS  7/11/16 - 8/12/16  MTWR  1045 - 1310  Joy Tsuhako  A229
51805  CLAS  6/20/16 - 7/29/16  TR  1800 - 2215  Melissa Govea  A229

**SOC 114**

**Marriage, Family and Intimate Relationships**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC, CSU

This course is designed for the student interested in examining, from a sociological perspective, issues such as marriage, family, and emerging alternative life styles which constitute the reality of life today. The course explores love, sexuality, mate selection, and engagement preceding traditional marriage and family patterns, extra-marital and non-marital unions, singles, and future trends in intimate relationship styles.

51083  WEB  6/20/16 - 8/12/16  Melissa Juarez
51084  WEB  6/20/16 - 8/12/16  Melissa Juarez
51803  CLAS  7/11/16 - 8/12/16  MTWR  0800 - 1025  Kevin Barman  A229

**SPAN 101**

**Spanish I**

4 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following sequences of courses: SPAN 101 and SPAN 102 or SPAN 130 and SPAN 131)

This course is an introduction to the essentials of Spanish language: reading, listening, speaking, and writing skills. Various facets of Spanish-speaking cultures will be analyzed via cross-cultural comparisons. In addition to classroom discussion, students receive intensive individualized oral-aural practice in the language laboratory via interactive websites, audio CDs, video programs, and CD ROMs. This class is designed for those students who do not have a Spanish language background who wish to learn to speak Spanish or who seek a degree in the Spanish language.

50186  CLAS  6/20/16 - 7/29/16  TWR  0925 - 1315  Pablo Roldan  A202
       LAB  6/20/16 - 7/29/16  TR  0800 - 0915  Pablo Roldan  LR117
50189  CLAS  6/20/16 - 7/29/16  MTWR  1800 - 2050  Rafael Fernandez  A200
       LAB  6/20/16 - 7/29/16  TR  2055 - 2210  Rafael Fernandez  LR117
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**SPAN 102**
**Spanish II**
4 Units
Prerequisite: Successful completion of SPAN 101 or two years of high school Spanish
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following sequences of courses: SPAN 101 and SPAN 102 or SPAN 130 and SPAN 131)
This course is a continuation of the study of the essentials of Spanish language: reading, listening, speaking, and writing skills. The skills learned in SPAN 101 will be reviewed. The class will increase vocabulary, grammar, and cultural knowledge to improve on the reading, listening, speaking and writing skills presented in SPAN 101. In this course the study of verb tenses and constructions is completed. Various facets of Spanish-speaking cultures will be analyzed via cross-cultural comparisons. In addition to classroom discussion, students receive intensive individualized oral-aural practice in the language laboratory via interactive websites, audio CDs, video programs, and CD ROMs. This class is designed for those students who do not have a Spanish language background who wish to learn to speak Spanish or who seek a degree in the Spanish language.

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**SPAN 130**
**Spanish for Heritage Speakers I**
3 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following sequences of courses: SPAN 101 and SPAN 102 or SPAN 130 and SPAN 131)
This course is designed to improve the language skills of students with a Spanish language background. Emphasis will be placed on the improvement of reading and writing skills. Aspects of culture, civilization, and literature from the Spanish-speaking countries will be included.

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**SPCH 100**
**Interpersonal Communication**
3 Units
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
Interpersonal Communication is an introductory course focusing on interactions between two people. Designed to provide students with greater understanding of communication in everyday activities, the course focuses on self-discovery and strengthening the self-image; discovering and understanding the
factors that influence communication behavior; and the establishment and maintenance of meaningful relationships in professional and social settings. This course is designed for speech communication majors or anyone with an interest in human communication.

51717  CLAS  6/6/16 - 7/8/16  MTWR  1500 - 1725  Gilbert Puga  A227
51857  CLAS  6/6/16 - 7/8/16  MTWR  1200 - 1425  To Be Assigned  EM103

**SPCH 101**

**Public Speaking**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: SPCH 101, SPCH 101H or SPCH 102)

This introductory course is designed to prepare students to be effective oral communicators in all aspects of public presentations including design and delivery of the public speech. The course is appropriate for all students interested in developing their public speaking knowledge and skills such as speech communication majors, future teachers, and future business leaders.

50306  CLAS  6/6/16 - 7/8/16  MTWR  0800 - 1025  Wendy Lai  A218
50307  CLAS  6/6/16 - 7/8/16  MTWR  1100 - 1325  Gilbert Puga  A220
50308  CLAS  7/11/16 - 8/12/16  MTWR  0800 - 1025  Gilbert Puga  A220
50311  CLAS  7/11/16 - 8/12/16  MTWR  1100 - 1325  Gilbert Puga  A218
50313  CLAS  6/6/16 - 7/8/16  MTWR  1100 - 1325  Wendy Lai  A211
50314  CLAS  6/20/16 - 7/29/16  T  1130 - 1410  Lisette Acevedo  A216
50316  CLAS  6/6/16 - 7/8/16  MTWR  1500 - 1725  Grant Tovmasian  A218
50319  CLAS  6/6/16 - 7/8/16  MTWR  1500 - 1725  Casey Jones  A220
50326  CLAS  6/6/16 - 7/8/16  MTWR  0800 - 1025  Mary Woudenberg  SW107
50327  CLAS  6/6/16 - 7/8/16  MTWR  1800 - 2025  Joshua Gallegos  A220
50333  CLAS  6/6/16 - 7/8/16  MTWR  1800 - 2025  James Ameen  A216
50335  CLAS  7/11/16 - 8/12/16  MTWR  1800 - 2025  Grant Tovmasian  A213

**SPCH 140**

**Argumentation and Debate**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: SPCH 140 or SPCH 240)

This course is an introduction to the principles and techniques of argumentation and debate. Effective methods of research, critical analysis, reasoning, refutation, and listening are stressed. Through debate participation and analysis, students will gain the knowledge and skills to advocate and refute argumentative positions. This course is particularly appropriate for students anticipating entering occupations where argumentation, negotiation, and issue-analysis are likely to occur.

50336  CLAS  6/6/16 - 7/8/16  MTWR  1100 - 1325  Grant Tovmasian  A214

**SPCH 240**

**Argumentation and Discussion**

3 Units

Prerequisite: SPCH 140 with a grade of "C" or better

Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: SPCH 140 or SPCH 240)

This course gives the student expanded practice and theory in argumentation. Students further develop their argumentation knowledge and skills through debate participation, observation, and discussion. This course is particularly appropriate for students anticipating entering occupations involving extensive argumentation and deliberation such as law, communication, negotiation, and any area where argumentation and debate occur frequently.

50337  CLAS  6/6/16 - 7/8/16  MTWR  1100 - 1325  Grant Tovmasian  A214
THTR 101
Theatre Arts Appreciation
3 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is designed for the student interested in an overview of the entire field of theatre. The practice
and theory of the following will be explored: costume, set and lighting design, acting, directing, playwriting,
criticism, play structure, theatre architecture and producing. Included will be a brief historical overview. At
least one field trip to a professional theatre production will be organized.

50338  CLAS  7/11/16 - 8/12/16  MTWR  0800 - 1025  Kirk Vichengrad  M109

THTR 150
Theatre Crafts I
3 Units
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
The course is designed for the student who wishes to gain a basic understanding of the technical phases of
scene production including construction, painting, rigging, placement and manipulation of stage scenery,
lighting equipment, sound equipment, properties and wardrobe as well as the organization and
management of stage activity and stagecraft terminology.
The student will study the aesthetics and practical application principles of stage scenic, sound and
lighting design. Students are assigned a specific crew responsibility that directly relates to a college
theatre production.

51726  CLAS  6/20/16 - 8/12/16  MT  1415 - 1515  Kerry Farmer  M102
      LAB  6/20/16 - 8/12/16  WR  1415 - 1810  Kerry Farmer  M102
            6/20/16 - 8/12/16  MT  1520 - 1745  Kerry Farmer  M102

THTR 151
Theatre Crafts II
3 Units
Prerequisite: THTR 150
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
This course is designed for the student who wishes to expand the skills and concepts acquired in Theatre
Crafts I (THTR 150). Topics such as the technical phases of scene production including construction, painting,
rigging, placement and manipulation of stage scenery, lighting equipment, sound equipment, properties and
wardrobe as well as the organization and management of stage activity and stagecraft terminology are
revisited and expanded upon. The student will additionally do extensive study of the aesthetics and practical
application principles of set design, sound design, and lighting design. Students are assigned a specific crew
duty such as light board operator, sound operator or stage crew lead with added responsibility that directly
relates to a college theatre production.

51727  CLAS  6/20/16 - 8/12/16  MT  1415 - 1515  Kerry Farmer  M102
      LAB  6/20/16 - 8/12/16  WR  1415 - 1810  Kerry Farmer  M102
            6/20/16 - 8/12/16  MT  1520 - 1745  Kerry Farmer  M102

THTR 152
Theatre Crafts III
3 Units
Prerequisite: THTR 151
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
This course is designed for the student who wishes to further expand the skills and concepts acquired in
Theatre Crafts I and II. Technical phases of scene production including construction, painting, rigging,
placement and manipulation of stage scenery, lighting equipment, sound equipment, properties and
wardrobe as well as the organization and management of stage activity and stagecraft are examined in greater depth. The student will complete an in depth study of the theatrical design process by designing sets, props, lights and or sound for Rio Hondo theatrical productions. Students are assigned a specific crew lead with supervisory responsibility that directly relates to a college theatre production.

51728   CLAS  6/20/16 - 8/12/16  MT  1415 - 1515   Kerry Farmer  M102
      LAB  6/20/16 - 8/12/16  WR  1415 - 1810   Kerry Farmer  M102
              6/20/16 - 8/12/16  MT  1520 - 1745   Kerry Farmer  M102

THTR 159  
Stage Crew Activity  
1 Unit  
Advisory: READ 022 or appropriate assessment  
Transfers to: UC, CSU  
The course is designed for the student to gain practical hands on technical experience working backstage on Arts and Cultural Programs approved public performances of theatrical, musical or dance productions and is taken in conjunction with Technical Theatre courses. The course may be taken once and repeated three times for credit.

51729   ARR  6/27/16 - 8/8/16   William Korf

THTR 170  
Theatre Rehearsal and Performance  
3 Units  
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; THTR 110Limitations: Acting Students must audition and Technical Students must interview prior to participating in the course  
Transfers to: UC, CSU  
This course is for the student who wants to participate in a stage production that is part of the American College Theatre Festival (ACTF) competition. Students will be adjudicated by judges representing ACTF during public performances at Rio Hondo and some will be chosen to compete at the regional and national festivals in the areas of acting, writing, stage managing, directing and stage design. Students are given an opportunity to be part of a theatre company in the organization of full-length and/or one-act plays under the guidance of a faculty director. This course may be repeated three times for credit.

51841   CLAS  6/20/16 - 7/29/16  MTW  1815 - 1905   William Korf  M101
      LAB  6/20/16 - 7/29/16  R    1815 - 2300   William Korf  M101
              6/20/16 - 7/29/16  MTW  1910 - 2315   William Korf  M101

WELD 040  
Introduction to Welding Processes  
2 Units  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment  
This is an introductory class designed to familiarize the student with several welding processes that are currently used in the welding and metal fabrication industry. This course offers an overview and basic introduction to the theory and practice of a variety of welding and metal cutting methods. This course will emphasize safety, theory, procedure, and practical skill development.

51091   CLAS  6/20/16 - 8/12/16  TR  0830 - 0930   Mauricio Reyes  T114
      LAB  6/20/16 - 8/12/16  TR  0935 - 1225   Mauricio Reyes  T114
51092   CLAS  6/20/16 - 8/12/16  TR  1800 - 1900   Mauricio Reyes  T114
      LAB  6/20/16 - 8/12/16  TR  1905 - 2155   Mauricio Reyes  T114