

CREDIT COURSE DESCRIPTIONS

AMERICAN SIGN LANGUAGE (A S L)

A S L 001 AMERICAN SIGN LANGUAGE I (UC/CSU)

4 Units (Lec 4 Hrs)

Elementary course for student without prior exposure to American Sign Language. Develops comprehension, communication, and grammatical/lexical skills in American Sign Language at the ACTFL Proficiency Novice Mid Level, and introduces Deaf culture and community. Satisfies Humanities requirement for graduation.

A S L 002 AMERICAN SIGN LANGUAGE II (UC/CSU)

4 Units (Lec 4 Hrs)

Prerequisite: ASL 001

Lecture 4 hours *Prerequisite:* ASL 1 with a satisfactory grade or equivalent. Continues the development of comprehension, communication, and grammatical/lexical skills in American Sign Language at the ACTFL Proficiency Novice High Level, and furthers understanding of Deaf culture and community. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

A S L 003 AMERICAN SIGN LANGUAGE III (UC/CSU)

4 Units (Lec 4 Hrs)

Prerequisite: ASL 002

Lecture 4 hours *Prerequisite:* ASL 2 with a satisfactory grade or equivalent. Development of intermediate American Sign Language in comprehension, communication, and grammatical/lexical skills at the ACTFL Proficiency Intermediate Mid Level, and practices interpreting Deaf culture and community. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

A S L 025 CONVERSATIONAL AMERICAN SIGN LANGUAGE (CSU)

2 Units (Lec 2 Hrs)

Prerequisite: ASL 002

Lecture 2 hours *Prerequisite:* American Sign Language 2 with a satisfactory grade or equivalent. Provides opportunities for practical conversation at the ACTFL Proficiency Intermediate Low Level on everyday topics, cultural material, and expansion of vocabulary according to student interest or need.

A S L 030 FINGERSPELLING I (CSU)

1 Units (Lec 1 Hrs / Lab 1 Hrs)

Prerequisite: ASL 001

Develop skills in expressive and receptive use of American manual alphabet (finger spelling) and its use. Deals with specific individual problems and techniques for corrections. [Overview of topics include; hand positioning (location and angle), handshapes, rhythm, fluency, spelling, and numbers; reception of finger spelled handshapes, patterns and pauses/transitions.]

A S L 040 INTRODUCTION TO DEAF CULTURE (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Open to all students. Focuses on the cultural, historical, philosophical, educational, psychological and social aspects of the deaf and hard of hearing. No knowledge of American Sign Language is required. Satisfies Humanities requirement for graduation.

ACCOUNTING (ACCTG)

ACCTG 001 INTRODUCTORY ACCOUNTING I (UC/CSU)

5 Units (Lec 5 Hrs)

Students learn fundamental accounting principles and concepts. This is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors and others to make decisions. The course covers the accounting information system, including recording and reporting of business transactions with a focus to the accounting cycle, applications of generally accepted accounting principles, financial statements and financial statements analysis. Includes issues relating to assets, liabilities, equity valuation, revenue and expense recognition, cash flows, internal controls and ethics. Note: Accounting 21 (3 units and Accounting 22 (3 unit) when taken together, are equivalent to Accounting 1 (5 units)

ACCTG 002 INTRODUCTORY ACCOUNTING II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Accounting 1, Accounting 22

Students learn how managers use accounting information in decision making, planning, directing operations and controlling. Focuses on cost terms and concepts, cost behavior, cost structure and cost volume profit analysis. Includes issues relating to cost systems, cost control, profit planning and performance analysis in manufacturing and service environments.

ACCTG 015 TAX ACCOUNTING I (CSU)

3 Units (Lec 3 Hrs)

Students learn to prepare Federal and California income tax returns for individuals, topics include overview, gross income, exemptions, deductions, tax credits, self employment tax returns and rental property transactions. This course can be utilized to meet part of the basic qualification for registering as tax preparer and the continuing education requirement of the California Tax Preparer Act.

ACCTG 016 TAX ACCOUNTING II (CSU)

3 Units (Lec 3 Hrs)

Advisory: Accounting 015

In this course, students continue the study of Federal Income Taxes, and the analysis of laws as well as consideration of

appropriate accounting procedures and preparation of reports and returns as they apply to partnerships, limited liability companies, corporations, and S corporations.

ACCTG 017 PAYROLL ACCOUNTING (CSU)

2 Units (Lec 2 Hrs)

Students learn the procedures and practices involved in a firm's payroll system, including familiarizing students with current laws regarding computation of regular and overtime pay, withholding of payroll taxes, computation of employer's payroll taxes, and the preparation of payroll tax returns and reports.

ACCTG 019 ETHICS FOR ACCOUNTING PROFESSIONALS (CSU)

3 Units (Lec 3 Hrs)

This course is a survey and study of ethics in business and accounting areas including the study of moral values, personal integrity, professional accountability, business legitimacy, equity, and fairness. This course also includes the study of the Sarbanes Oxley Act, Codes of conduct, Circular 230, and case analysis.

ACCTG 021 BOOKKEEPING AND ACCOUNTING I (UC/CSU)

3 Units (Lec 3 Hrs)

Students learn fundamentals of double entry accounting; the accounting cycle; preparation of the trial balance; financial statements, accounting for merchandise businesses, cash transactions; special journals etc. Note: Accounting 21 (3 units and Accounting 22 (3 unit) when taken together, are equivalent to Accounting 1 (5 units)

ACCTG 022 BOOKKEEPING AND ACCOUNTING II (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Accounting 021

Students learn accounting for receivables, payables, bad debts, deferrals and accruals, merchandise inventories, plant and equipment, accounting for partnerships and corporations, Cash Flow statement, and comparative financial statement analysis etc. Note: Accounting 21 (3 units and Accounting 22 (3 unit) when taken together, are equivalent to Accounting 1 (5 units)

ACCTG 023 RECORDKEEPING FOR SMALL BUSINESS

3 Units (Lec 3 Hrs)

Students learn the cash basis concept of accounting, and small business computerized accounting software using Quickbooks. Students will complete simulated accounting projects designed for different types of small business firms using both manual and automated systems.

ACCTG 027 AUTOMATED ACCOUNTING METHODS AND PROCEDURES II

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students use computer applications in the preparation of special journals, payroll register, bank reconciliation, aging accounts receivable, inventory costing and depreciation, analysis of financial statements.

ACCTG 031 MATHEMATICS OF ACCOUNTING (CSU)

3 Units (Lec 3 Hrs)

Students learn the mathematical fundamentals, bank reconciliation, payroll computations, depreciation and allocation of overhead, trade and cash discounts and other accounting related math subjects.

ACCTG 055 ACCOUNTING COMPUTER LABORATORY

1 Units (Lab 2 Hrs)

Students learn to use the spreadsheet software 'Microsoft Excel' for solving accounting problems and concepts being studied in other accounting classes.

ADDICTION STUDIES (ADDICST)**ADDICST 084 FIELD WORK PRACTICUM (CSU)**

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Corequisite: Psychology 001, Psychology 043

This is a supervised practicum course. Participants must be knowledgeable about addiction and treatment. The course provides observation, interaction, and counseling opportunities with clients and counselors at rehabilitation clinics. This course satisfies half of the fieldwork hours (125) required by CAAD in addition to the classroom hours. This class was formerly Psych 84.

ADDICST 085 ADVANCED FIELD WORK PRACTICUM (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Prerequisite: Addiction Studies 084

Students build on the skills they learned in Field Work I by participating, under supervision, at various facilities in the community that offer Drug and Alcohol Treatment programs. Students will achieve intermediate counseling and communication skills and be able to apply these skills in diverse drug and alcohol treatment settings. Students continue to develop their knowledge of the 12 core functions of drug and alcohol treatment, and apply these skills, at an intermediate level, in drug and alcohol treatment programs. Fieldwork internships at drug and alcohol treatment programs are required.

ADMINISTRATION OF JUSTICE (ADMJUS)**ADMJUS 001 INTRODUCTION TO ADMINISTRATION OF JUSTICE (UC/CSU)**

3 Units (Lec 3 Hrs)

Advisory: English 101

The student will be introduced 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, and sentencing and incarceration policies.

ADM JUS 002 CONCEPTS OF CRIMINAL LAW (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

Prerequisite: Administration Of Justice 001

The student will learn the doctrines of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper division criminal justice course will build. The course will also include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crimes.

ADM JUS 003 LEGAL ASPECTS OF EVIDENCE (CSU)

3 Units (Lec 3 Hrs)

The student learns the categories of evidence and legal rules governing its admission and exclusion in the criminal process.

ADM JUS 004 PRINCIPLES AND PROCEDURES OF THE JUSTICE SYSTEM (CSU)

3 Units (Lec 3 Hrs)

Students learn, through examination and analysis, due process in criminal proceedings from pre arrest through trial and appeal utilizing statutory law and state and constitutional law precedents.

ADM JUS 005 CRIMINAL INVESTIGATION (CSU)

3 Units (Lec 3 Hrs)

Students learn the techniques, procedures, and ethical issues in the investigation of crime, including organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process.

ADM JUS 008 JUVENILE PROCEDURES (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

Students learn about the origin, development, and organization of the Juvenile Justice System as it evolved in the American Justice System. The course explores the theories that focuses on Juvenile Law, courts and processes, and the constitutional protections extended to juveniles administered in the American Justice System.

ADM JUS 016 RECRUITMENT SELECTION PROCESS (CSU)

3 Units (Lec 3 Hrs)

Students learn of the selection process for employment with an agency in the criminal justice system. Topics will include a review of the minimum qualifications for employment as a peace officer as determined by the Commission on Peace Officer Standards & Training (POST) and/or Standards and Training for Corrections (STC). Specific topics will include the application, written examination, oral interview, background

investigation, psychology exam, medical exam, polygraph exam, and physical fitness testing. Employment opportunities will be presented.

ADM JUS 053 FORENSIC FINGERPRINT EVIDENCE (CSU)

3 Units (Lec 3 Hrs)

Students learn the history of fingerprinting; fingerprint pattern types and classification; the searching and referencing of fingerprints; techniques for taking good fingerprints; the problems in taking inked fingerprints; the proper procedure for taking major case prints; and the preparation of fingerprint charts for court testimony.

ADM JUS 062 FINGERPRINT CLASSIFICATION (CSU)

3 Units (Lec 3 Hrs)

A practical course designed to cover the technical aspects of fingerprinting. Topics will include pattern interpretation, classification, taking and lifting of prints, and searching and filing procedures. Times will be devoted to laboratory work in the cla

ADM JUS 067 COMMUNITY RELATIONS I (UC/CSU)

3 Units (Lec 3 Hrs)

Students will learn the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics may include the consensus and conflicting values in Cultural, Religion, and Law.

ADM JUS 160 POLICE ORGANIZATION AND ADMINISTRATION (CSU)

3 Units (Lec 3 Hrs)

The students will learn to analyze the concept of police organizations and management styles; addressing the roles and responsibilities of law enforcement agencies.

ADM JUS 180 INTRODUCTION TO FORENSICS (CSU)

3 Units (Lec 3 Hrs)

Students will learn 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.

ADM JUS 390 FORENSIC AUTOPSY

3 Units (Lec 3 Hrs)

No description available.

AFRICAN AMERICAN STUDIES (AFRO AM)

AFRO AM 004 THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. I (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28, English 67

Students analyze historiographical issues in African American history and how black Americans were active agents in creating their own history. Emphasis on the African background

of African Americans, the institution of slavery, the development of the African American community institutions, and African American participation in and impact on the Civil War and Reconstruction.

AFRO AM 005 THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. II (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28, English 67

Students analyze historiographical issues in African American history and how black Americans were active agents in creating their own history. Emphasis on ideas of black social thought, political protest and efforts to create social change from Reconstruction to the present.

AFRO AM 007 BLACK AMERICANS AND THE POLITICAL SYSTEM (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28, English 67

Students analyze the relationship of minority groups to American Politics with emphasis on African Americans in the political system.

AFRO AM 020 AFRICAN AMERICAN LITERATURE I (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28, English 67

Students survey African American writers, covering all types of literatures (slave narrative, poetry, novels, etc.) to develop a positive attitude towards reading and understanding the progression of American culture as interpreted by African American writers.

AFRO AM 060 AFRICAN AMERICAN MUSIC (UC/CSU)

3 Units (Lec 3 Hrs)

A study of African and African American music and their influence on folk, spirituals, gospels, concert music, opera, ballet, blues and jazz underscoring styles, characteristics, origin and contributions by African American artists. (Credit allowed for only one of African American Studies 60 and Music 135.) Fulfills Humanities requirement.

ANATOMY (ANATOMY)

ANATOMY 001 INTRODUCTION TO HUMAN ANATOMY (UC/CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Advisory: English 101, Biology 003

Structural organization of the human body: gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems, from cellular to organ system levels of organization.

ANTHROPOLOGY (ANTHRO)

ANTHRO 101 HUMAN BIOLOGICAL EVOLUTION (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28, English 67

Students will examine evolutionary theory, human genetics, primate ecology and behavior, the hominid fossil record and modern human variation. Students will be able to underline the historical path to natural selection, describe the five factors of the evolutionary process, identify biological characteristics of primates, discuss features of primate behavior, diagram the origin of mankind through comparing skulls from the hominid fossil record, and interpret modern human variation.

ANTHRO 102 HUMAN WAYS OF LIFE: CULTURAL ANTHROPOLOGY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28, English 67

Students are introduced to the field of socio cultural anthropology and will examine the diversity of human life around the world. Topics covered include the Culture concept, ethnography, language, kinship, gender, religion, political and economic organization, globalization and culture change. The objectives of this course are (1) to employ a relative perspective in the appreciation of the world's cultural diversity, and (2) to apply case studies to describe this variation.

ANTHRO 103 ARCHAEOLOGY: RECONSTRUCTING THE HUMAN PAST (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028

This course is an exploration of the theories and methods of contemporary archaeology and offers a narrative on prehistory. Students will interpret the peopling of the planet, culture change, and the rise of civilization using the archaeological record. Students will construct a theory rich research design that reflects current trends in contemporary archaeology.

ANTHRO 121 ANTHROPOLOGY OF RELIGION, MAGIC AND WITCHCRAFT (UC/CSU)

3 Units (Lec 3 Hrs)

Students learn about the origins and varieties of religious beliefs and practices cross culturally. Topics include mythology, symbolism, shamanism, traditional healing, altered states of consciousness, magic, divination, witchcraft, and the question of cults.

ANTHRO 151 VISUAL ANTHROPOLOGY: EXPLORING CULTURE THROUGH FILM AND MIXED MEDIA (UC/CSU)

3 Units (Lec 3 Hrs / Lab 0.5 Hrs)

Advisory: Photography 007, Cinema 002

Students survey and analyze the use of film and video in anthropological research, teaching, theory and methodology. Films are studied for their anthropological content and as artifacts of western culture, which reveal significant aspects of that culture. Students learn techniques in still photography and video production in the creation of a final visual product.

ANTHRO 385 DIRECTED STUDY ANTHROPOLOGY (CSU)

3 Units (Lec 3 Hrs)

Students pursue directed study in Anthropology on a contract basis under the direction of a supervising instructor.

ARABIC (ARABIC)**ARABIC 001 ELEMENTARY ARABIC I (UC/CSU)**

5 Units (Lec 5 Hrs)

Lecture 5 hours Elementary course for student without prior exposure to Arabic. Develops speaking, writing, listening, and reading skills in Arabic at the ACTFL Proficiency Novice Mid Level, and introduces Arabic culture. Satisfies Humanities requirement for graduation.

ARABIC 002 ELEMENTARY ARABIC II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Arabic 001

Lecture 5 hours *Prerequisite:* Arabic 1 or Arabic 22 with a satisfactory grade or equivalent Continues the development of elementary speaking, writing, listening, and reading skills in Arabic at the ACTFL Proficiency Novice High Level, and furthers understanding of Arabic culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

ARMENIAN (ARMEN)**ARMEN 001 ELEMENTARY ARMENIAN I (UC/CSU)**

5 Units (Lec 5 Hrs)

Lecture 5 hours Elementary course for student without prior exposure to Armenian. Develops speaking, writing, listening, and reading skills in Armenian at the ACTFL Proficiency Novice Mid Level, and introduces Armenian culture. Satisfies Humanities requirement for graduation.

ARMEN 002 ELEMENTARY ARMENIAN II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Armenian 001

Lecture 5 hours *Prerequisite:* Armenian 1 or Armenian 22 with a satisfactory grade or equivalent Continues the development of elementary speaking, writing, listening, and reading skills in Armenian at the ACTFL Proficiency Novice High Level, and furthers understanding of Armenian culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

ARMEN 035 ARMENIAN FOR ARMENIAN SPEAKERS I (UC/CSU)

5 Units (Lec 5 Hrs)

Lecture 5 hours Elementary course for bilingual students. Class conducted in Armenian. Students develop speaking, writing, listening, and reading skills in Armenian at the ACTFL Proficiency Novice Mid Level, and are introduced to Armenian culture. Satisfies Humanities requirement for graduation. Credit is given for either Armenian 2 or Armenian 35, but not for both.

ARMEN 036 ARMENIAN FOR ARMENIAN SPEAKERS II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Armenian 035 or Armenian 002

Lecture 5 hours *Prerequisite:* Armenian 35, or Armenian 2 with a satisfactory grade or equivalent Class conducted in Armenian. Continues the development of elementary speaking, writing, listening, and reading skills in Armenian for bilingual students at the ACTFL Proficiency Novice High Level, and furthers understanding of Armenian culture. Class conducted in Armenian. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman. Credit is given for either Armenian 3 or Armenian 36, but not for both.

ART (ART)**ART 185 DIRECTED STUDY ART (CSU)**

1 Units (Lec 1 Hrs)

Students pursue on their own an in depth study of a subject of special interest to them in studio art. Students work independently but consult with the instructor on a weekly basis to critique their work.

ART 201 DRAWING I (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students apply elements and principles of design to the practice of drawing, employing a wide range of subject matter, drawing techniques and media. They develop observation based and technical drawing skills and hone their creative responses to materials and subject matter.

ART 202 DRAWING II (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Art 201 Drawing I

Students explore artistic concepts, styles and creative expression related to intermediate drawing, focusing on complex subject matter and concepts using a variety of drawing media, techniques and methodologies. Students further develop technical and observational skills introduced in Drawing I, while arriving at personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

ART 204 LIFE DRAWING I (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Advisory: Art 501

Corequisite: Art 501

Prerequisite: Art 201

Students draw the live model in various drawing media, employing foundational drawing principles and methods. They develop observation based and technical drawing skills and hone their creative responses by drawing the human figure at the introductory level.

ART 205 LIFE DRAWING II (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Art 204

Students draw the live model in various drawing media, employing foundational drawing principles and methods. They

develop observation based and technical drawing skills and hone their creative responses by drawing the human figure at the intermediate level.

ART 206 LIFE DRAWING III (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Art 205

Students draw the live model in various drawing media at an advanced level, building upon techniques from Art 205. Different media, methods, and subject matter are employed to hone creativity and support the development of personal style.

ART 209 PERSPECTIVE DRAWING I (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Art 201

Students learn to draw three dimensional objects in space using measured vanishing point systems along with direct observation and freehand drawing. They explore methods of drawing cast shadows and mirror reflections in perspective.

ART 250 INTRODUCTION TO DIGITAL ART (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Advisory: Art 501

Students are introduced to fundamental concepts, practices, and theories of digital art production. Topics include integration of traditional design, color, and compositional principles with contemporary digital tools.

ART 285 DIRECTED STUDY ART (CSU)

2 Units (Lec 2 Hrs)

Students pursue on their own an in depth study of a subject of special interest to them in studio art. Students create art works of special interest to them under guidance of the instructor.

ART 300 INTRODUCTION TO PAINTING (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Art 201, Art 501

Students learn the principles, elements, and practices of painting. The course focuses on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

ART 301 WATERCOLOR PAINTING I (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Art 300

Students expand their knowledge of painting, focusing on composition and color techniques in watercolor media while continuing to explore art concepts, content, and imagery as applied to personal expression.

ART 302 WATERCOLOR PAINTING II (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Art 301

Students apply advanced techniques and explore concepts in color, composition, and surfaces.

ART 304 ACRYLIC PAINTING I (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 201, Art 501

Students learn a variety of techniques employing acrylic paints and related grounds and tools. A variety of subject matter is used to introduce a series of stylistic approaches.

ART 305 ACRYLIC PAINTING II (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 304

Students learn to employ acrylic paints and related grounds and tools at an intermediate level, building upon techniques from Art 304. A variety of subject matter is used to support the development of stylistic approaches.

ART 306 ACRYLIC PAINTING III (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 305

Students learn to employ acrylic paints and related grounds and tools at an advanced level, building upon techniques from Art 305. A variety of subject matter is used to support the development of personal style.

ART 307 OIL PAINTING I (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 201, Art 501

Students learn methods and techniques of painting using the medium of oil paint with its related grounds and tools. Different subjects are used to introduce a variety of stylistic approaches.

ART 308 OIL PAINTING II (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 308

Students learn methods and techniques of painting using the medium of oil paint with its related grounds and tools at an intermediate level, building upon techniques from Art 307. Different subjects are used to support the development of stylistic approaches.

ART 309 OIL PAINTING III (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 308

Students learn methods and techniques of painting using the medium of oil paint with its related grounds and tools at an advanced level, building upon techniques from Art 308. Different subjects are used to support the development of personal style.

ART 385 DIRECTED STUDY ART (CSU)

3 Units (Lec 3 Hrs)

Students pursue directed study in studio art on a contract basis under the direction of a supervising instructor.

ART 400 INTRODUCTION TO PRINTMAKING (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 501, Art 201

Students practice various forms of platemaking and printing. Emphasis will be placed on the development of visual ideas and printmaking techniques.

ART 401 ETCHING I (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 400

Students practice various forms of etching and printing. Emphasis will be placed on the development of visual ideas and etching techniques.

ART 402 ETCHING II (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 401

Students practice various forms of etching and printing. Emphasis will be placed on the development of visual ideas and advanced etching techniques.

ART 407 RELIEF PRINTMAKING I (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 402

Students practice various forms of platemaking and printing in the relief process. Emphasis will be placed on the development of visual ideas and relief printing techniques.

ART 501 BEGINNING TWO DIMENSIONAL DESIGN (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students learn concepts, applications, and historical references related to the creation of two dimensional art and design, utilizing the basic visual elements and design principles in studio art projects, developing a visual vocabulary for analysis and creative expression. The course includes problem solving studio projects, lectures, presentations, and written assignments. This course is a prerequisite for many courses in studio art and graphic design.

ART 502 BEGINNING THREE DIMENSIONAL DESIGN (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Advisory: Art 501*Corequisite:* Art 201

Students explore concepts, applications, and historical references related to three dimensional design and spatial composition.

ART 604 GRAPHIC DESIGN I (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Corequisite: Art 501*Prerequisite:* Art 250

Students learn the fundamentals of graphic design with an emphasis on typography: its legacy, its terminology, tools, and working methods. Emphasis is placed on computer layout skill building in Adobe Photoshop, Illustrator and InDesign to creative effective visual communication.

ART 605 GRAPHIC DESIGN II (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Corequisite: Art 639*Prerequisite:* Art 604

Students continue their study of graphic communication with projects that introduce the interaction between designer, client and audience. Continued emphasis on the computer as a tool with focus on integration of In Design, Illustrator and Photoshop.

ART 606 GRAPHIC DESIGN III (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Art 605, Art 639

Students apply more advanced graphic design principles using computer graphics. Emphasis is placed on the creation of a graphic design branding campaign. Students will create

and refine industry standard branding elements and use them throughout the semester in various formats intended for print and social media.

ART 620 ILLUSTRATION I (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Corequisite: Art 501*Prerequisite:* Art 201

Drawing, rendering and composition skills are extended to problems in commercial illustration, pictorial art for publications and advertising. Variety of techniques and media.

ART 621 ILLUSTRATION II (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Art 620

Illustration II is a continuing study of contemporary illustration through a series of projects with a focus on non traditional media. Additional emphasis is placed upon the individual needs and skills of each student. Preparing studies for client meetings is covered at the conclusion of the class.

ART 634 COMPUTER GRAPHICS I: 3D COMPUTER GRAPHICS (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Advisory: Art 501*Prerequisite:* Art 250

Students explore three dimensional digital design techniques, concepts and applications employed as tools in graphic design. Students focus on three dimensional modeling and rendering techniques in the creation of objects and environments for graphics and multimedia.

ART 645 INTRODUCTION TO WEB SITE DESIGN (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Art 250

Students learn the basic concepts and techniques used in designing web sites employing the principles of design, color theory, typography, and composition. Software includes, but is not limited to the current versions of Adobe Dreamweaver and Photoshop. Topics include: design principles such as the grid, color, navigation, composition, and typography; user experience principles such as accessibility, audience analysis, sitemaps, responsive design; technical specs such as hosting, file management, FTP, HTML, CSS.

ART 648 ANIMATION DIGITAL IMAGING (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Art 250, Photo 046

This is an intermediate level course dealing with motion graphics for animation using digital imaging and animation software, with an emphasis on programs such as Photoshop and After Effects, including layers, masks, filters, animation techniques and output to video, via demonstrations, practicums, and exercises.

ART 649 STORYBOARDS (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Advisory: Art 250 or Photo 046 and Art 201 and Art 209

This course focuses on applying industry standard storyboarding and scripting techniques to animation. Contents to be covered include the various purposes and formats of storyboards,

the basic terminology and concepts used in storyboarding, working with scripts, animation techniques in Storyboard Pro and Adobe Character Animator. Research and previz are used to create a character, story and animated video as an Animatic

ART 700 INTRODUCTION TO SCULPTURE (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Advisory: Art 201

Prerequisite: Art 501, Art 502

Students practice three dimensional sculptural principles, techniques and concepts utilizing a wide range of materials and practices. Various sculpting methods are practiced with attention to creative self expression and historical context.

ART 701 SCULPTURE I (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 700

Students practice various forms of sculpture including the armature. Emphasis will be placed on the development of visual ideas and sculptural techniques.

ART 702 SCULPTURE II (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 701

Students will be challenged with advanced problems in sculpture. Students will be encouraged to explore individual creativity, materials and processes.

ART 708 INTRODUCTION TO CERAMICS (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Students learn the different kinds of ceramic materials, concepts, and processes including basic design principles, creative development, hand building, throwing, glaze techniques, firing and ceramic terminology. Students explore the aesthetics and creative development of clay objects examining historical, contemporary, and personal modes of expression across cultures.

ART 709 CERAMICS I (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Advisory: Art 502

Prerequisite: Art 501, Art 708

The student continues the study of ceramic processes of the physical and chemical characteristics of clay, with an emphasis placed on ceramic design and glaze chemistry.

ART 710 CERAMICS II (UC/CSU)

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Prerequisite: Art 709

Students master technical and design skills through hand building, clay decoration, glazing and the potter's wheel, making ceramic molds, and slip casting.

ART HISTORY (ARTHIST)

ARTHIST 103 ART APPRECIATION I (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

This introductory and integrative course in the arts offers a thematic approach to art appreciation through art examples from

Western and non Western cultures. The student learns about art forms and media in traditional and contemporary styles, including terminology and problems of definition, meaning, and evaluation in the visual arts.

ARTHIST 110 SURVEY OF WESTERN ART HISTORY I (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

The student explores the development of art and architecture from prehistory through the medieval period, emphasizing the cultural context of the West, and its major points of contact with the non European world.

ARTHIST 120 SURVEY OF WESTERN ART HISTORY II (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

Students learn about the development of Art from the time of the Renaissance to Contemporary Art. Emphasis is placed on the cultural context of the West while major points of artistic contact with the Non European world is considered. This course provides an overview of art and architecture from the Renaissance to the Contemporary.

ARTHIST 130 SURVEY OF ASIAN ART HISTORY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

The student learns about the development of Asian art from prehistoric times through the 20th Century including the artistic traditions and histories of China, India, Japan, Korea, and Southeast Asia. The student considers how cultural, political, and religious forces influenced the arts and explore how the various regions of Asia formed and influenced one another.

ARTHIST 139 INTRODUCTION TO ISLAMIC ART (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

The student examines the global historical development of Islamic visual art (including painting, sculpture, architecture, and other forms) and its historical and cultural context.

ARTHIST 140 SURVEY OF ARTS OF AFRICA, OCEANIA, AND ANCIENT AMERICA (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

Students learn about the visual culture within select regions in Africa, Oceania and indigenous North America.

ARTHIST 151 INTRODUCTION TO LATIN AMERICAN ART (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

The students examine the art and architecture of Latin America, beginning with Pre Columbian period, but focus primarily on the 19th to 21st centuries. Students explore major historical periods of Latin American history and visual culture, which include an introduction to pre Hispanic civilizations, Colonial rule and Independence, the emergence of Modernism and the Avant garde, and contemporary art and architecture in Latin

America. They gain an understanding of underlying social, economic, political and religious context of the production and use of the works of art considered.

ARTHIST 171 INTRODUCTION TO GLOBAL CONTEMPORARY ART (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

Prerequisite: Art History 120, Art History 103

Students learn about thematic and historical developments of Contemporary visual art (including painting, sculpture, architecture, new media, and other forms), produced by the global community.

ASTRONOMY (ASTRON)

ASTRON 001 ELEMENTARY ASTRONOMY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

A fascinating look into the general principles and the fundamental facts of astronomy. This introductory course is designed for the non technical student. Topics covered include the history and science of astronomy, the solar system, our sun, stars, galaxies and cosmology. No college math preparation is needed. If a student wishes to transfer this as a lab science course, the student must also complete Astronomy 5.

ASTRON 005 FUNDAMENTALS OF ASTRONOMY LABORATORY (UC/CSU)

1 Units (Lab 3 Hrs)

Corequisite: Astronomy 001, Astronomy 010, Astronomy 011

Astronomy 5 laboratory course offers a presentation of the methods and techniques used by astronomers to determine the nature of the universe. This course uses some very basic mathematics, and can be taken by non science and/or science majors. When taken together with either Astronomy 1 or Astronomy 10 or Astronomy 11, a student's 'science with a lab' transfer and graduation requirement is met. Topics covered in Astronomy 5 include star names, asterisms and constellations, sky motion, planet motion, orbital motion, stellar brightness, stellar spectrum, crater formation, star clusters, galaxies and deep sky objects. An important part of the course involves working with and learning the operation of astronomical instruments and equipment including celestial globes, astrolabes, azimuth sundials, astronomical binoculars and computer controlled telescopes.

ASTRON 011 STARS, GALAXIES, AND THE UNIVERSE (UC/CSU)

3 Units (Lec 3 Hrs)

This conceptual course surveys the universe beyond the solar system. Students learn about stars, stellar evolution, black holes, galaxies, the big bang, cosmology and the possibility of extraterrestrial life.

BIOLOGY (BIOLOGY)

BIOLOGY 003 INTRODUCTION TO BIOLOGY (UC/CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Advisory: English 021

In this survey course for nonmajors, students learn general biological principles, activities, and the relationships of living organisms to each other and the world they live in with emphasis on their correlations to the human organism. The course includes a study of the nutritional, medical, and genetic aspects of the modern world.

BIOLOGY 006 GENERAL BIOLOGY I (UC/CSU)

5 Units (Lec 3 Hrs / Lab 6 Hrs)

Advisory: English 021

Prerequisite: Chemistry 060, Math 125

In this class designed for general biology majors and pre professional students, students examine and learn the principles of molecular biology, cell structure and function, genetics, evolution and organization at the tissue level in plants and animals.

BIOLOGY 007 GENERAL BIOLOGY II (UC/CSU)

5 Units (Lec 3 Hrs / Lab 6 Hrs)

Advisory: English 021

Prerequisite: Chemistry 060, Biology 006

In this class designed for general biology majors and pre professional students, students examine and learn the diversity, structure, and the life processes of plants and animals as well as the principles of organization at the organ and organ system levels, embryology, ecology and behavior.

BIOLOGY 025 HUMAN BIOLOGY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 021

In this survey course for the nonscience major, students explain the principle human organ systems according to structure and function and examine the problems of pollution, population control and preservation of the natural environment.

BIOLOGY 046 GENETIC ANALYSIS (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Biology 006

This course is designed for Life Science majors as a continuance of their general biology studies. It provides a comprehensive introduction to genetic analysis examining topics such as chromosome analysis, population genetics, and genomics.

BUSINESS (BUS)

BUS 001 INTRODUCTION TO BUSINESS (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students engage in a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and a global society. The course demonstrates how these influences impact the primary areas of business including: Organizational structure and design; leadership, human resource management, risk management and insurance, organized labor

practices, ethics and social responsibility, marketing, organizational communication, e business/technology, entrepreneurship, legal, accounting, and financial practices, and the stock and securities market; and therefore how they affect a business' ability to achieve its organizational goals.

BUS 015 BUSINESS STATISTICS (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Mathematics 125

The student learns measures of Central Tendency, Measures of Dispersion, Normal Distribution, Hypothesis Testing, Correlation and Analysis of Variance.

BUS 017 COMPUTER GRAPHICS FOR BUSINESS

3 Units (Lec 1 Hrs / Lab 4 Hrs)

A comprehensive course in business graphics covering types of business graphics, their uses and techniques for generating graphics emphasizing computer usage, computer techniques and current computer graphics software. The student learns types of Excel and PowerPoint programs and how these applications are used in business.

BUS 038 BUSINESS COMPUTATIONS (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students learn basic mathematics, beginning with whole numbers and solving word problems, fractions, decimals, checking accounts, basic algebra, percents and their applications. The course covers business applications of mathematics, including trade and cash discounts, markups and markdowns, payroll, simple interest and promissory notes and compound interest.

BUS 911 COOPERATIVE EDUCATION BUSINESS (CSU)

1 Units (Lec 1 Hrs)

Students receive credit for approved internships, including cooperative education and work experience with an employer in the field of Business under the direction of the Cooperative Education Director. The work site must be approved by the Department Chair. The internship course will assist students in acquiring desirable work habits, attitudes and career awareness. Students must work 75 hours paid or 60 hours non paid.

BUS 921 COOPERATIVE EDUCATION BUSINESS (CSU)

2 Units (Lec 2 Hrs)

Students receive credit for approved internships, including cooperative education and work experience with an employer in the field of Business under the direction of the Cooperative Education Director. The work site must be approved by the Department Chair. The internship course will assist students in acquiring desirable work habits, attitudes and career awareness. Students must work 75 hours paid or 60 hours non paid.

BUS 931 COOPERATIVE EDUCATION BUSINESS (CSU)

3 Units (Lec 3 Hrs)

Students receive credit for approved internships, including cooperative education and work experience with an employer in the field of Business under the direction of the Cooperative Education Director. The work site must be approved by the Department Chair. The internship course will assist students in acquiring desirable work habits, attitudes and career awareness. Students must work 225 paid hours or 180 volunteer hours during the semester.

BUS 941 COOPERATIVE EDUCATION BUSINESS (CSU)

4 Units (Lec 4 Hrs)

Students receive credit for approved internships, including cooperative education and work experience with an employer in the field of Business under the direction of the Cooperative Education Director. The work site must be approved by the Department Chair. The internship course will assist students in acquiring desirable work habits, attitudes and career awareness. Students must work 300 paid hours or 240 volunteer hours during the semester.

COMPUTER APPLICATIONS OFFICE TECHNOLOGIES (CAOT)**CAOT 001 COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS I (CSU)**

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Students will develop a salable skill computer keyboarding by touch; minimum speed at end of course, 30 wpm accurately; formatting of letters, memos, tables, and simple reports using word processing software.

CAOT 002 COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS II (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: CAOT 001

Students master the keyboard (letters, numbers, and symbols) by touch. Minimum speed at end of course of 40 accurately; formatting of mailable advanced letters, tables, reports, memos, and desktop published documents using Microsoft Word.

CAOT 003 COMPUTER KEYBOARDING III (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: CAOT 002, CAOT 084

Student develops production skills in using advanced features of Microsoft Word to create properly formatted business documents. Includes composition at keyboard, decision making, and timed production of letters, tables, and reports. Develops minimum speed at end of course of 50 wpm. Keyboarding I, II, and III are sequential courses and should be completed in that order.

CAOT 014 MICROCOMPUTER OFFICE APPLICATIONS: POWERPOINT (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: CAOT 082

Develops proficiency in the operation of Microsoft PowerPoint. Provides an overview of presentation design principles. Develops the skill to create, modify, and retrieve various presentations, the skill to integrate PowerPoint with other programs, the skill to use PowerPoint templates, fonts, graphics, transitions, sound, and animation. Students will learn to outline presentations, create dynamic slides, and develop slide shows based on business topics. Prepares students for certification exam.

CAOT 031 BUSINESS ENGLISH (CSU)

3 Units (Lec 3 Hrs)

Students develop the basic language skills needed to communicate effectively in today's workplace. Students will learn fundamental English grammar and punctuation rules as they relate to written and oral communication in business. After successful completion of this course, students will be prepared for CAOT 32, Business Communications.

CAOT 032 BUSINESS COMMUNICATIONS (CSU)

3 Units (Lec 3 Hrs)

*Advisory: CAOT 001**Prerequisite: English 101, CAOT 031*

The course begins with the theory of written and oral communication. Students analyze business situations and plan, organize, write, and revise business letters, interoffice memorandums, business reports, business presentations, plus improve their general and business vocabularies. This includes the application of business communications and principles of writing. Messages are broken into their component parts for a critical analysis of organization and content, style, tone, grammar, format, and appearance.

CAOT 033 RECORDS MANAGEMENT AND ELECTRONIC FILING

3 Units (Lec 1 Hrs / Lab 2 Hrs)

Students learn creation, storage, disposition and preservation of all types of documents using alphabetic, geographic, numeric, and subject methods. Includes introduction to database records management on a microcomputer.

CAOT 039C WORD PROCESSING: KEYBOARDING AND OPERATIONS C

1 Units (RPT 2) (Lab 2 Hrs)

Description not available.

CAOT 043 OFFICE PROCEDURES

3 Units (Lec 3 Hrs)

Prerequisite: CAOT 031, CAOT 001

Students develop knowledge of automated office skills and develop attitudes for success on the job.

CAOT 047 APPLIED OFFICE PRACTICE

2 Units (Lab 5 Hrs)

*Advisory: Second Semester Standing**Prerequisite: CAOT 001*

The student will learn practical experience in working in an office on campus and lectures relating to office behavior, productivity, motivation, and interpersonal skills.

CAOT 048 CUSTOMER SERVICE (CSU)

3 Units (Lec 3 Hrs)

This course is designed to raise awareness, prompt thinking, give step by step suggestions for improvement, and provide information on how an organization can deliver service excellence. The information is beneficial whether one is new to dealing with others in a business setting or is more experienced with internal customers (e.g., coworkers or other employees) and external customers (e.g., consumers, vendors, or other end users of products). Emphasis is placed on communication, diversity, technology, time management, stress management, and customer retention.

CAOT 064 COMPUTER APPLICATIONS AND OFFICE TECHNOLOGIES LABORATORY (CSU)

1 Units (Lab 2 Hrs)

Corequisite: CAOT 001

Students in Computer Applications and Office Technologies classes receive additional time on computers to work with all the software that is offered in the Department. Students must complete a minimum of 32 hours per semester.

CAOT 079 WORD PROCESSING APPLICATIONS (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: CAOT 084, CAOT 031, CAOT 082, CAOT 084

Students develop further skill in preparing a variety of business documents on a personal computer. Includes advanced techniques using Microsoft Word. Covers formats for letters, memos, reports, tables, outlines, form documents, graphics, desktop publishing, and merged documents. Prepares students for certification exam.

CAOT 082 MICROCOMPUTER SOFTWARE SURVEY IN THE OFFICE (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: CAOT 001, CAOT 098

Students learn to use the microcomputer and commercially available software used in business office. Course provides hands on introduction to word processing, database, spreadsheet, graphics, desktop publishing and presentation design software.

CAOT 084 MICROCOMPUTER OFFICE APPLICATIONS: WORD PROCESSING (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Advisory: ESL 005A, CAOT 001

Students use basic and advanced commands in Microsoft Word or other word processing software to create, format, edit, save, and print documents including letters, tables, reports, charts and merge documents and use document collaboration and integration tools. Use desktop publishing features to create newsletters, brochures, fliers, resumes, and online forms.

CAOT 085 MICROCOMPUTER OFFICE APPLICATIONS: SPREADSHEET (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Students learn office spreadsheet applications using a PC and spreadsheet application software, such as Excel. Students are taught to create, edit, format, and print worksheets, construct graphs, and build databases that utilize the data table function.

CAOT 086 MICROCOMPUTER OFFICE APPLICATIONS: DATABASE (CSU)

3 Units (Lec 1 Hrs / Lab 4 Hrs)

Advisory: CAOT 001

The students learn office database applications using a relational database program, such as MS Access. Records design, file creation and maintenance, data manipulation, report formats, and printing are covered. Office applications, such as records for personnel, inventory, and sales, are emphasized. Graphing and integration with a word processing program to produce automated mailings are included.

**CAOT 088 MICROCOMPUTER OFFICE APPLICATIONS:
DESKTOP PUBLISHING (CSU)**

3 Units (Lec 2 Hrs / Lab 3 Hrs)

The student gains knowledge and skills necessary to use personal computers, printers and various desktop publishing software and produces camera ready, near typeset quality reports, newsletters, brochures, flyers, business forms, and presentations.

**CAOT 098 MICROCOMPUTER OFFICE APPLICATIONS:
DISCOVERING COMPUTERS: DIGITAL LITERACY**

3 Units (Lec 1 Hrs / Lab 4 Hrs)

Students prepare to work in the Windows environment. Emphasizes the features of Windows, including changing and creating icons, opening and closing windows and other applications, responding to dialog boxes, and working with directories.

**CAOT 112 MICROCOMPUTER OFFICE APPLICATIONS:
WEB PAGE DESIGN (CSU)**

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Students will learn the most important topics of Web page design. The course emphasizes creating a new website, integrating a database, styles, and working with HTML code.

CHILD DEVELOPMENT (CH DEV)**CH DEV 001 CHILD GROWTH AND DEVELOPMENT (UC/
CSU)**

3 Units (Lec 3 Hrs)

Advisory: English 067, English 028

Students examine the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There is an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

**CH DEV 002 EARLY CHILDHOOD: PRINCIPLES AND
PRACTICES (CSU)**

3 Units (Lec 3 Hrs)

*Advisory: English 067, English 028**Corequisite: Child Development 1*

An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics and professional identity.

**CH DEV 003 CREATIVE EXPERIENCES FOR CHILDREN I
(CSU)**

3 Units (Lec 3 Hrs)

DESCRIPTION: Students develop and implement creative curriculum for young children. Activities include: sensory, motor, manipulative, art, music, movement, literacy, math, science, and dramatic play experiences. Emphasis is on environments that promote creativity and the role of the teacher.

**CH DEV 007 INTRODUCTION TO CURRICULUM IN
EARLY CHILDHOOD EDUCATION (CSU)**

3 Units (Lec 3 Hrs)

*Advisory: English 101**Prerequisite: Ch Dev 2, and Ch Dev 1*

Students learn and develop the knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 6. Students examine a teacher's role in supporting development and engagement for all young children. Students learn strategies for developmentally appropriate practice based on observation and assessments across the curriculum, including 1) academic content areas, 2) play, art, and creativity, and 3) development of social emotional, communication, and cognitive skills.

CH DEV 010 HEALTH, SAFETY AND NUTRITION (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students learn about the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health, safety and nutrition. The key components that ensure physical health, mental health, and safety for children and staff are identified along with importance of collaboration with families and health professional. The interrelationship of health, safety and nutrition and the impact on children's growth and development are key focuses.

CH DEV 011 CHILD, FAMILY AND COMMUNITY (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students examine the developing child in a societal context focusing on the interrelationship of the family, school and community and emphasizes historical and socio cultural factors. The processes of socialization and identity development will be highlighted, showing the importance of respectful, reciprocal relationships that support and empower families. Some topics covered are: social influences on parenting styles, communication, child rearing and the relationships between the child, family and the school is studied.

**CH DEV 022 PRACTICUM IN CHILD DEVELOPMENT I
(CSU)**

4 Units (Lec 2 Hrs / Lab 6 Hrs)

Prerequisite: Ch Dev 001 and Ch Dev 011 and English 101 and Ch Dev 007

Students are assigned to an approved Early Care and Education program to practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of an ECD/CD faculty and other qualified early education professionals. Students utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and

families. Child centered, play oriented approaches to teaching, learning, assessment, and knowledge of curriculum content areas is emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning.

CH DEV 023 PRACTICUM IN CHILD DEVELOPMENT II (CSU)

4 Units (Lec 2 Hrs / Lab 6 Hrs)

Prerequisite: Child Development 022

This course provides an advanced practicum experience. Students apply assessment strategies to plan, implement, and evaluate developmentally appropriate activities. Techniques that promote partnerships between teachers and families are developed. An educational philosophy statement, a resume and a professional portfolio are created. Students assigned to directed practicum teaching in a child development center demonstrate professional and ethical behaviors.

CH DEV 030 INFANT/TODDLER DEVELOPMENT (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students receive an in depth study of cognitive/language, social/emotional and perceptual/motor developmental domains and milestones of infants from birth to 36 months, in the context of respectful relationships. As well as, an overview of major theories including attachment, brain development, the value of play, early intervention and relationship based care in the context of family systems: culture, home language, and traditions. Students will be introduced to the laws and regulations of safe healthy environments and the rights of all infants and toddlers including children at risk for disabilities. Class instruction includes objective observations of infants and toddlers in diverse settings.

CH DEV 031 INFANT/TODDLER CARE AND EDUCATION (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students learn the principles of inclusive, respectful, caregiving for infants and toddlers. Topics include: typical and atypical development, principles of early intervention, appropriate environments, curriculum, and infant care licensing; observation, assessment and intervention plans; and tools for family communications and home visits within the context of home language, culture and traditions. Verification of Mantoux test (TB test) or chest x ray is required.

CH DEV 034 OBSERVING AND RECORDING CHILDREN'S BEHAVIOR (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Ch Dev 001, English 101

Prerequisite: Child Development 1 or equivalent and English 28. Verification of annual Mantoux test or chest x ray is required. Students learn the appropriate use of assessment and observation strategies to document development and behavior. Child observations are conducted and analyzed. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored.

CH DEV 038 ADMINISTRATION & SUPERVISION OF EARLY CHILDHOOD PROGRAMS I (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Ch Dev 4, or Ch Dev 3, or Ch Dev 7, and Ch Dev 11

Students are prepared to establish and administer an early childhood program. Financial aspects of administration and legal rules and regulations pertaining to establishing a center are emphasized. Students apply licensing information and knowledge of regulations to design an appropriate environment, create a fiscal plan, marketing strategy and develop an enrollment and hiring process. This course partially fulfills the licensing requirements for the director.

CH DEV 039 ADMINISTRATION II: PERSONNEL AND LEADERSHIP IN EARLY CHILDHOOD EDUCATION (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Ch Dev 4, or Ch Dev 3, or Ch Dev 7, and Ch Dev 11

Students learn and apply effective strategies for personnel management and leadership in early care and education settings. Students analyze state and federal regulations, ethical responsibilities and learn how to apply the information to develop and supervise a comprehensive, culturally sensitive, diverse and inclusive program. Students learn supervision techniques, professional development, and reflective practices designed for program improvement. This course partially fulfills the licensing requirement for a director.

CH DEV 042 TEACHING IN A DIVERSE SOCIETY (CSU)

3 Units (Lec 3 Hrs)

Students examine the development of social identities in diverse societies including theoretical and practical implications affecting young children, families, programs, teaching, education and schooling. Culturally relevant and linguistically appropriate anti bias approaches supporting all children in becoming competent members of a diverse society. The course involves self reflection of one's own understanding of educational principles in integrating anti bias goals in order to better inform teaching practices and/or program development.

CH DEV 044 EARLY INTERVENTION FOR CHILDREN WITH SPECIAL NEEDS (CSU)

3 Units (Lec 3 Hrs)

This course is designed for students intending to work with children with special needs. Students examine components of a comprehensive service delivery system that is based on legal mandates and an understanding of typical and atypical development across all domains. Also discussed is the role of observation and documentation in adapting the environment, creating instructional strategies for including children with special needs in early childhood programs.

CH DEV 045 PROGRAMS FOR CHILDREN WITH SPECIAL NEEDS (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students learn about programs for exceptional children and best practices for inclusion of children with special needs into educational settings as close to their typically developing peers

as possible. Students explore a variety of disabilities from a child development perspective includes definition, and educational implications.

CH DEV 048 POSITIVE GUIDANCE IN EARLY CHILDHOOD SETTINGS (CSU)

3 Units (Lec 3 Hrs)

Students explore developmentally appropriate management techniques for children in early childhood settings. Emphasis is on developing culturally sensitive individualized plans for behavior management of traditional and special needs children.

CH DEV 065 ADULT SUPERVISION/EARLY CHILDHOOD MENTORING (CSU)

2 Units (Lec 2 Hrs)

Prerequisite: Child Development 022, Child Development 038, Child Development 039

The class focuses on the principles and practices of supervision and evaluation of staff in Early Childhood Programs. Emphasis is placed on the role of experienced teachers who mentor or supervise new teachers and student teachers. This meets supervision requirement for the Child Development Permit.

CH DEV 084-1 CHILD DEVELOPMENT LAB I: CURRICULUM DEVELOPMENT (CSU)

0.5 Units (Lab 1 Hrs)

Corequisite: Child Development 2, Child Development 10, Child Development 3, Child Development 7, Child Development 22, Child Development 42, Child Development 44

This course allows students interested in working in the field of Child Development, or taking Child Development classes, to use lab materials, curriculum resource books, to design lesson plans, games, and other curricular activities. A \$20 lab fee is required.

CH DEV 084-2 CHILD DEVELOPMENT LAB I: TECHNOLOGY FOR THE EARLY CHILDHOOD EDUCATOR (CSU)

0.5 Units (Lab 1 Hrs)

Prerequisite: Child Development 84 1

Students learn to use lab materials, and technology and equipment to design lesson plans, games, and other curricular activities. A \$20 lab fee is required.

CH DEV 085 CHILD DEVELOPMENT LAB II

0.5 Units (Lab 1 Hrs)

Students learn about quality literacy experiences through exposure to age appropriate literacy materials and (modeling or practicing) library habits under the supervision of a literacy expert. Students evaluate and analyze literacy materials, write activity plans, and create instructional materials that support emerging literacy. A \$20 lab fee is required.

CH DEV 085-1 CHILD DEVELOPMENT LITERACY LAB I (CSU)

0.5 Units (Lab 1 Hrs)

Students enrolled in Child Development classes who are interested in an Early Literacy Lab experience focus on quality literacy experiences such as exposure to age appropriate literacy materials and modeling library habits under the supervision

of a literacy expert. Students design curricular activities and select quality literature that foster children's language and literacy development.

CH DEV 285 DIRECTED STUDY CHILD DEVELOPMENT (CSU)

2 Units (Lec 2 Hrs)

Child Development students pursue Directed Study on a contract basis under the direction of a supervising instructor. Scheduled consultations with the instructor are required.

CHEMISTRY (CHEM)

CHEM 060 INTRODUCTION TO GENERAL CHEMISTRY (UC/CSU)

5 Units (Lec 3 Hrs / Lab 4 Hrs)

Advisory: English 28, English 67, Mathematics 125

Prerequisite: Math 115

A student learns nomenclature of elements and inorganic compounds, ionic and covalent bonding, atomic structure, molecular geometry, chemical reactions, problem solving, measurements, stoichiometry, states of matter and related energy concepts, gas laws, aqueous and solution chemistry, quantum theory, periodic properties, colligative properties, and acid base concepts. This course is a survey of basic chemistry topics with laboratory, emphasizing fundamental principles of inorganic and physical chemistry. Laboratory exercises are quantitative in nature and are related to the lecture topics. This course serves as preparation for major's chemistry, allied health, and general education, and meets the IGETC and CSU general education requirements for physical science with laboratory.

CHEM 065 INTRODUCTORY GENERAL CHEMISTRY (UC/CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Advisory: English 28, English 67, Mathematics 125

Prerequisite: Math 115

This course is a survey of basic chemistry topics with laboratory, emphasizing fundamental principles of inorganic and physical chemistry. This course meets the IGETC and CSU general education requirements for physical science with laboratory. Introductory chemistry topics include nomenclature of elements and inorganic compounds, ionic and covalent bonding, atomic structure, molecular geometry, chemical reactions, problem solving, measurements, stoichiometry, states of matter and related energy concepts, gas laws, aqueous and solution chemistry, quantum theory, periodic properties, colligative properties, and acid base concepts. Laboratory exercises are quantitative in nature and are related to the lecture topics.

CHEM 101 GENERAL CHEMISTRY I (UC/CSU)

5 Units (Lec 3 Hrs / Lab 6 Hrs)

Advisory: English 028, English 067

Prerequisite: Chemistry 060, Chemistry 065, Chemistry 068, Math 125

The student learns nomenclature, atomic structure, quantum theory, bonding theories and molecular geometry, chemical equations, stoichiometry, thermochemistry, solid, liquid and gaseous states and related forces, gas laws, solutions and

colligative properties, periodic relationships, and acid base theories. Laboratory exercises are quantitative in nature and are related to the lecture topics. This is the first semester of a one year course in chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, pre medicine), mathematics, and engineering.

CHEM 102 GENERAL CHEMISTRY II (UC/CSU)

5 Units (Lec 3 Hrs / Lab 6 Hrs)

Advisory: English 028, English 067, English 031

Prerequisite: Chemistry 101

The students receive in lectures the theory and application of chemical kinetics, general and aqueous equilibria, thermodynamics, electrochemistry, nuclear chemistry, descriptive chemistry, structure and bonding in transition metal complexes and carbon compounds. In the laboratory students apply what is learned in lecture to experiments in reaction kinetics, chemical qualitative analysis, chemical and spectroscopic quantitative analysis, potentiometric titration techniques, and electrochemistry.

CHEM 185 DIRECTED STUDY CHEMISTRY (CSU)

1 Units (RPT 2) (Lec 1 Hrs)

Advisory: English 028

Prerequisite: Chemistry 102

Students pursue Directed Study in Chemistry on a contract basis under the direction of a supervising instructor. Laboratory and literature research is performed.

CHEM 211 ORGANIC CHEMISTRY FOR SCIENCE MAJORS I (UC/CSU)

5 Units (Lec 3 Hrs / Lab 6 Hrs)

Prerequisite: Chemistry 102

In this the first part of a two course sequence students learn structure, nomenclature, stereochemistry, preparation and mechanisms of reactions of aliphatic and aromatic hydrocarbons and their derivatives. Students also learn a mechanistic approach to reactions and a focus on multistep synthesis throughout the course. The laboratory presents the techniques of preparation, where students learn isolation and analysis of organic compounds employing standard and modern instrumental methods.

CHEM 212 ORGANIC CHEMISTRY FOR SCIENCE MAJORS II (UC/CSU)

5 Units (Lec 3 Hrs / Lab 6 Hrs)

Prerequisite: Chemistry 211

Students complete the study begun in Chemistry 211. Students will learn more about the organic functional groups of alcohols, aldehydes, ketones, carboxylic acids, carboxylic acid derivatives and amines. They will also learn more specialized topics including the following: carbohydrates, amino acids and peptides, fatty acids and polymers; difunctional compounds, polycyclic benzenoid hydrocarbons, heterocyclic compounds, mass spectroscopy, NMR techniques and strategies in modern organic synthesis. The students will learn further mechanistic approaches to reactions and a focus on multistep synthesis will be emphasized throughout the course. The laboratory presents more techniques of preparation, students will learn isolation and analysis of organic compounds employing modern instrumental analysis.

CHEM 221 BIOCHEMISTRY FOR SCIENCE MAJORS (UC/CSU)

5 Units (Lec 3 Hrs / Lab 6 Hrs)

Advisory: English 028, English 067, English 031

Prerequisite: Chemistry 211

Students receive the principles of biochemistry, with an emphasis on the structure and function of biomolecules, the role of metabolism in energy production and biosynthesis, and common biochemical laboratory techniques. Topics relate to the chemistry and metabolism of biological compounds. Topics include the structure and function of biomolecules, including proteins, lipids, carbohydrates, nucleic acids and their precursors. The course also presents enzyme catalysis, and the details of the central metabolic pathways (glycolysis, gluconeogenesis, glycogenolysis, the citric acid cycle, electron transport and oxidative phosphorylation, lipid degradation and biosynthesis, and nitrogen metabolism) including their regulation and integration. Laboratory work includes electrophoresis, chromatography, spectroscopy, and enzyme purification and kinetics. This course prepares students for careers in the physical and biological sciences, pharmacy, medical and dental professions, veterinary and agricultural science, nutrition and food chemistry, and related fields.

CHEM 285 DIRECTED STUDY CHEMISTRY (CSU)

2 Units (Lec 2 Hrs)

Advisory: English 028

Prerequisite: Chemistry 102

Students pursue Directed Study in Chemistry on a contract basis under the direction of a supervising instructor. Laboratory and literature research is performed.

CHEM 385 DIRECTED STUDY CHEMISTRY (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028

Prerequisite: Chemistry 102

Students pursue Directed Study in Chemistry on a contract basis under the direction of a supervising instructor. Laboratory and literature research is performed.

CHICANO STUDIES (CHICANO)

CHICANO 007 THE MEXICAN AMERICAN IN THE HISTORY OF THE UNITED STATES I (UC/CSU)

3 Units (Lec 3 Hrs)

Students survey United States history from early colonial period through the Civil War with special emphasis on the contribution of Mexican Americans. This course provides a background in the political and social development of both the United States and Mexico, and, in addition, is for those who wish to gain a better understanding of Mexican culture in the Southwestern United States. Included is a survey of the U.S. Constitution.

CHICANO 008 THE MEXICAN AMERICAN IN THE HISTORY OF THE UNITED STATES II (UC/CSU)

3 Units (Lec 3 Hrs)

Students survey the history of the Mexican people in the United States from 1848 to the present time. The content includes a discussion of the United States War with Mexico, the Treaty of Guadalupe Hidalgo and the subsequent incorporation of

Mexicans into the United States. Emphasis is placed on the politics of race, its origin in the colonial process and its impact on the historical development of a Mexican American ethnic identity in the United States.

CHICANO 044 MEXICAN CIVILIZATION (UC/CSU)

3 Units (Lec 3 Hrs)

Students engage in a broad survey of Mexican civilization and culture. The course covers the periods of pre historic expansion of Mesoamerica, Pre Columbian Mexican civilization, the Spanish conquest, the colonial period, and Mexico in the 19th and 20th century.

CHINESE (CHINESE)**CHINESE 001 ELEMENTARY CHINESE I (UC/CSU)**

5 Units (Lec 5 Hrs)

Lecture 5 hours Elementary course for student without prior exposure to Chinese. Develops speaking, writing, listening, and reading skills in Chinese at the ACTFL Proficiency Novice Mid Level, and introduces Chinese culture. Satisfies Humanities requirement for graduation.

CHINESE 002 ELEMENTARY CHINESE II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Chinese 001

Lecture 5 hours Prerequisite: Chinese 1 or Chinese 22 with a satisfactory grade or equivalent Continues the development of elementary speaking, writing, listening, and reading skills in Chinese at the ACTFL Proficiency Novice High Level, and furthers understanding of Chinese culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

CHINESE 003 INTERMEDIATE CHINESE I (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Chinese 002

Lecture 5 hours Prerequisite: Chinese 2 with a satisfactory grade or equivalent Development of intermediate Chinese in speaking, writing, listening, and reading skills at the ACTFL Proficiency Intermediate Mid Level, and practices interpreting Chinese culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

CHINESE 004 INTERMEDIATE CHINESE II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Chinese 003

Lecture 5 hours Prerequisite: Chinese 3 with a satisfactory grade or equivalent Continues the development of intermediate Chinese in speaking, writing, listening, and reading skills at the ACTFL Proficiency Intermediate High Level and utilize knowledge of Chinese culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

CHINESE 010 CHINESE CIVILIZATION (UC/CSU)

3 Units (Lec 3 Hrs)

Lecture 3 hours Open to all students. Course taught in English. Focuses on the history, culture, traditions and arts of China and its people. The contribution of China to world civilization is examined. Satisfies Humanities requirement for graduation.

CHINESE 021 FUNDAMENTALS OF CHINESE I (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28, English 67

Lecture 3 hours Fundamental course for students without prior exposure to Chinese. Develops speaking, writing, listening, and reading skills in Chinese at the ACTFL Proficiency Novice Low Level, and raises awareness about Chinese culture. Chinese 21 and Chinese 22 together are equivalent to Chinese 1. Both Chinese 21 and Chinese 22 must be taken for UC:CSU credit.

CHINESE 022 FUNDAMENTALS OF CHINESE II (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Chinese 021

Lecture 3 hours Prerequisite: Chinese 21 with a satisfactory grade or equivalent Continues the development of fundamental speaking, writing, listening, and reading skills in Chinese at the ACTFL Proficiency Novice Mid Level, and introduces Chinese culture. Chinese 21 and Chinese 22 together are equivalent to Chinese 1. Both Chinese 21 and Chinese 22 must be taken for UC:CSU credit.

CINEMA (CINEMA)**CINEMA 001 INTRODUCTION TO MOTION PICTURE PRODUCTION (UC/CSU)**

3 Units (Lec 2 Hrs / Lab 2 Hrs)

A comprehensive introduction to single camera motion picture production, film/video techniques and equipment. Proper procedures are explained and demonstrated for the use of cameras, lenses, filters, lights, microphones, audio recorders and other motion picture equipment. Attention is also given to production planning, shot composition, editing, mixing and post production. Note: This is an equipment techniques and pre production class. The hands on production work is done in sister class Cinema 2 (Beginning Motion Picture Workshop); concurrent enrollment is recommended.

CINEMA 002 BEGINNING MOTION PICTURE WORKSHOP (UC/CSU)

3 Units (Lec 1 Hrs / Lab 4 Hrs)

Introductory workshop in practical filmmaking. Each student will be responsible for making several short films in digital video. This course provides an introduction to the theory, terminology and operation of single camera video production, including composition and editing techniques, camera and recorder operation, portable lighting, audio control and basic editing. This course focuses on the aesthetics and fundamentals of storyboarding, producing, and directing for location single camera production as well as post production and exhibition.

CINEMA 003 HISTORY OF MOTION PICTURES (UC/CSU)
3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students study the history of the development of motion pictures, with examples, from their beginnings to the present day. Emphasis is placed on the American feature film

CINEMA 004 HISTORY OF THE DOCUMENTARY FILM (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students examine the development of films dealing with the truth. Nonfiction films seen and discussed include: historical, animated, propaganda, educational, commercial, personal and participatory, cinema verite and direct cinema. Students will develop critical standards for judging documentary films.

CINEMA 005 INTRODUCTION TO SCREENWRITING (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Cinema 1, Cinema 2, Cinema 3, Cinema 4

Students will write two screenplays. Cinema majors will write the scripts for films they will make in Cinema 33.

CINEMA 006 INTRODUCTION TO CINEMATOGRAPHY (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Advisory: Photography 007

Prerequisite: Cinema 1, Cinema 2, Cinema 3, Cinema 4

An introduction to current fundamentals and tools of cinematography. Involving lecture, studio demonstrations and hands on training. Foundational skills covered during the course include DSLR, professional digital cinema cameras, lenses and optics, composition, controlling focus, assistant camera training, camera movement, camera operating, exposure tools, filtration, cinematography post production and lighting. Access to a digital still camera is necessary for assignments.

CINEMA 007 ADVANCED CINEMATOGRAPHY AND CREATIVE TECHNIQUES (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Cinema 006

An advanced course in creative cinematography covering sophisticated professional equipment and techniques used in the motion picture industry. Emphasis is placed on lighting and current industry standards.

CINEMA 009 MOTION PICTURE SOUND (CSU)

3 Units (Lec 1 Hrs / Lab 4 Hrs)

Prerequisite: Cinema 1, Cinema 2, Cinema 3, Cinema 4

Students learn the basics of motion picture production and post production sound. Students use digital audio recorders, microphones and booms and learn how to properly record sound. Students learn to loop and mix sound using a digital audio program.

CINEMA 009-1 BEGINNING MOTION PICTURE SOUND PRODUCTION (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students learn the basics of motion picture production and post production sound. Hands on work includes the use of digital audio recorders, microphones, fishpoles and booms, and audio editing software.

CINEMA 009-2 INTERMEDIATE MOTION PICTURE SOUND AND POST PRODUCTION SOUND DESIGN (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Cinema 009, Cinema 009 1

Intermediate television and cinema students are introduced to audio production, post production software and other elements of sound design to create final soundtracks for media productions. This course explores in depth aesthetic concepts and real world audio craftsmanship.

CINEMA 010 INTRODUCTION TO FILM DIRECTING (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Cinema 1, Cinema 2, Cinema 3, Cinema 4

Students are introduced to the crafts of acting and directing for the film medium. Students will produce and direct a scene in class using competent, well rehearsed actors cast and rehearsed by the student director for their roles. Students will be able to choose a script, cast it, rehearse the actors and present a scene in class, along with a production package, including script notes, scene goals, character analysis, storyboard and shot list.

CINEMA 018 INTRODUCTION TO FILM GENRES (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students explore the main film genres along with the specific contributions of the major filmmakers in each genre, and the style and practices of studio production, marketing, and distribution. Each class includes the screening of a significant feature length film that typifies or exemplifies that genre.

CINEMA 020 BUSINESS ASPECTS OF MOTION PICTURE PRODUCTION (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Cinema 1, Cinema 2, Cinema 3, Cinema 4

Students survey business practices of the motion picture industry including the development, financing, production and distribution of media content. Through individual and group collaboration in a workshop setting, students create a pre production business package including a treatment, screenplay, business letter, bio, AD breakdown, production strip board, schedule, budget, storyboards, location sketches, and movie poster. Students work in groups to create and deliver a verbal pitch and presentation for a short film to an industry panel.

CINEMA 025 PRODUCING MOTION PICTURE FEATURES

3 Units (Lec 3 Hrs)

Students research and prepare independent motion picture projects. Activities include: developing screenplays, researching state of the art media and business issues, analyzing professional production solutions and creating business plans. Students will learn professional standards for intellectual property, privacy and publicity rights as well as financing, contracts, production issues, capture, distribution formats/outlets and marketing. Students do case studies of contemporary independent film projects, including micro budget films as well as low budget films.

CINEMA 032-1 EDITING FUNDAMENTALS I (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Cinema 1, Cinema 2, Cinema 3, Cinema 4, Cinema 18

In this introduction to the art and craft of editing, students gain storytelling and digital editing skills using the latest nonlinear editing software. Students receive hands on experience editing various projects and exercises with footage provided to them in class, and apply techniques to learn matching action, screen direction, timing, shot connotation, character, emotion, pacing and rhythm. Students will also edit their own footage and learn how to practically apply various theoretical concepts of editing to create a compelling story. Projects will be reviewed and analyzed in class and students will gain an understanding and appreciation of editing aesthetics and history.

CINEMA 032-2 EDITING FUNDAMENTALS II (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Cinema 032, Cinema 32 1

Students develop advanced editing techniques and gains practical skills in visual effects, motion graphics, compositing, sound design, color correction, and finishing. The student gains workflow knowledge and explores the entire postproduction process through footage provided in class as well as their own footage. Student learns the differences between editing for documentary, dramatic narrative, and genre, as well as the role of the assistant editor. Work will be screened and analyzed in class, and advanced techniques demonstrated and applied.

CINEMA 033-1 DIGITAL VIDEO PRODUCTION WORKSHOP I (CSU)

3 Units (Lec 1 Hrs / Lab 4 Hrs)

Prerequisite: Cinema 1, Cinema 2, Cinema 3, Cinema 4

Intermediate film and television students produce short video projects using digital video cameras and editing systems.

CINEMA 033-2 DIGITAL VIDEO PRODUCTION WORKSHOP II (CSU)

3 Units (Lec 1 Hrs / Lab 4 Hrs)

Prerequisite: Cinema 33 1

Intermediate film and television students will extensively plan, shoot and edit two short or one longer advanced digital video project(s). Special emphasis will be on pre production planning.

CINEMA 038-1 MOTION PICTURE STAGE GRIP

3 Units (Lec 2 Hrs / Lab 2 Hrs)

This is an introductory hands on course to the fundamental skills and tools necessary to safely work on set as an entry level grip on location and in a studio environment. Lectures and demonstrations are followed by hands on studio exercises.

CINEMA 038-2 MOTION PICTURE STAGE ELECTRIC

3 Units (Lec 2 Hrs / Lab 2 Hrs)

This is an introductory hands on course to the fundamental skills and tools necessary to safely work on set as an entry level electric on location and in a studio environment. Lectures and demonstrations are followed by hands on studio exercises.

CINEMA 185 DIRECTED STUDY CINEMA (CSU)

1 Units (Lec 1 Hrs)

Prerequisite: Cinema 005, Cinema 033

The student creates a writing, mentoring or post production study project as agreed upon by the student and a supervising instructor.

CINEMA 501 MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Advisory: Photography 007

The student learns the analysis of film and modern visual media, including cinema, television, the internet, advertising, social networking and fine art. The student learns to examine the broad questions of form and content, aesthetics and meaning, and history and culture, exploring the diverse possibilities presented by the cinematic art form through an examination of a wide variety of productions, national cinemas, and film movements. Topics include modes of production, narrative and non narrative forms, visual design, editing, sound, genre, ideology and critical analysis. This course is recommended for all cinema and photography majors, and is open to graphic artists as well as the general public. (Same as Photo 501).

CINEMA 911 COOPERATIVE EDUCATION CINEMA (CSU)

1 Units (Lec 1 Hrs)

Advisory: Cinema 001

Cooperative Education is a work experience course that grants college credit for supervised employment for internships in the field of entertainment. Students will gain on the job training, enhance work skills, and career awareness. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

CINEMA 921 COOPERATIVE EDUCATION CINEMA (CSU)

2 Units (Lec 2 Hrs)

Advisory: Cinema 001

Students receive work experience that grants college credit for supervised employment for internships in the field of entertainment. Students will gain on the job training, enhance work skills, and career awareness. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

CINEMA 931 COOPERATIVE EDUCATION CINEMA (CSU)

3 Units (Lec 3 Hrs)

Advisory: Cinema 001

Students receive work experience that grants college credit for supervised employment for internships in the field of entertainment. Students will gain on the job training, enhance work skills, and career awareness. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

CINEMA 941 COOPERATIVE EDUCATION CINEMA (CSU)

4 Units (Lec 4 Hrs)

Advisory: Cinema 001

Students receive work experience that grants college credit for supervised employment for internships in the field of entertainment. Students will gain on the job training, enhance work skills, and career awareness. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

COMPUTER INFORMATION SYSTEMS (CIS)
CIS 192 INTRODUCTION TO CLOUD COMPUTING (CSU)

3 Units (Lec 5 Hrs)

Prerequisite: CSIT 103

An introduction to cloud computing, which shifts information systems to highly scalable Internet architectures. This course provides students with skills necessary to assess the technical benefits of cloud computing and cloud applications. The course also surveys cloud careers and discusses industry demand for cloud skills.

CIS 193 DATABASE ESSENTIALS IN AMAZON WEB SERVICES (CSU)

3 Units (Lec 5 Hrs)

Prerequisite: CSIT 103

This course explores cloud database management system, which supports several different approaches for storing, retrieving, and manipulating data. The course explains operating and scaling both SQL and noSQL data storage solutions. Students perform exercises by applying principles of Amazon Relational Database Service(RDS) and Microsoft SQL to create and fill out tables as well as retrieve and manipulate data. Object based Application Programming Interfaces(API's) are used to serialize objects to Amazon DynamoDB for noSQL solutions. Automated backups, transaction logs, restoration, and retention are discussed.

CIS 194 COMPUTER ENGINES IN AMAZON WEB SERVICES (CSU)

3 Units (Lec 4 Hrs)

Prerequisite: CSIT 103

In this course, students explore how cloud computing systems are built using a common set of core technologies, algorithms, and design principles centered around distributed systems. Students will use the Amazon Web Services (AWS) Management Console to provision, load balance and scale their applications using the Elastic Compute Cloud (EC2) and the AWS Elastic Beanstalk. The course discusses, from a developer perspective, the most important reasons for using AWS and examines the underlying design principles of scalable cloud applications.

CIS 195 SECURITY IN THE CLOUD (CSU)

3 Units (Lec 4 Hrs)

Prerequisite: CSIT 103

This course focuses on protecting the confidentiality, integrity and availability of computing systems and data. Students learn how Amazon Web Service (AWS) uses redundant and layered controls, continuous validation and testing, and a substantial amount of automation to ensure the underlying infrastructure is continuously monitored and protected. Students examine the AWS Shared Responsibility Model and access the AWS Management Console to learn more about security tools and features provided by the AWS platform.

COMPUTER SCIENCE INFORMATION TECHNOLOGY (CO SCI)
CO SCI 101 INTRODUCTION TO COMPUTERS AND THEIR USES (UC/CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Students receive instruction in computer hardware, software, terminology, ethics, and social impact, plus an overview of operating systems, word processing, spreadsheets, database management systems, and telecommunications and networks. A general computer literacy course open to all students. Credit not allowed if student has credit for CO SC/103.

CO SCI 103 INTRODUCTION TO COMPUTER SYSTEMS FOR MIS (UC/CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Students receive an introduction to computers for a one semester transfer course or for certificates or a degree in CSIT. Topics include computers, programming and systems design, programming languages and flowcharting. Laboratory includes word processing, spreadsheets, database concepts and extensive programming in Visual BASIC.

CO SCI 104 MATHEMATICS FOR PROGRAMMERS (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Co Sci 103

The student develops mathematical reasoning and general problem solving skills using topics from Binary Arithmetic including Two's complement, Octal and Hexadecimal numbers. Boolean Logic, Venn Diagrams, Truth tables and set theory, relations and functions, Color sets.

CO SCI 107 PROGRAMMING LOGIC (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Co Sci 103

The student develops program design skills and general problem solving skills by applying structured programming techniques to program specifications and already written programs. The student learns to write program designs and documentation from descriptions of programs and from the analysis of already written programs.

CO SCI 108 BEGINNING VISUAL BASIC PROGRAMMING (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Co Sci 101

The student learns program language terminology, the syntax and semantics of an event driven, object oriented program language, how to solve problems from descriptions of the problem in English and how to translate problem solution descriptions to Visual Basic.

CO SCI 117 BEGINNING MICRO ASSEMBLY LANGUAGE (UC/CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: Co Sci 139 or Co Sci 141

The student learns about organization and operation of real computer systems at the assembly language level; mapping statements and constructs in a high level language onto sequences of machine instructions as well as the internal representations of simple data types and structures; investigates basic principles of operating systems and programming language translation process; the various data representation errors and potential procedural errors.

CO SCI 121 ANDROID APPS INVENTOR (UC/CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Students will learn programming through the use of 'App Inventor' to develop mobile applications for the Android operating system.

CO SCI 122 MOBILE APPLICATION DEVELOPMENT IOS (UC/CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Prerequisite: Co Sci 139

Students will learn the art and practice of mobile application development for the Apple iOS operating system through the use of Xcode IDE and Swift.

CO SCI 123 MOBILE APPLICATION DEVELOPMENT ANDROID (UC/CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Prerequisite: Co Sci 141

Students learn the art and practice of mobile application development for the Android operating system using Software Development Kit (SDK).

CO SCI 124 PYTHON PROGRAMMING (UC/CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Prerequisite: Co Sci 108, Co Sci 103

Students will learn topics of the Python language such as data types, variables, control structures, Python Objects and Oriented Design, standard and advanced mathematical libraries, tool chain use and Python Frameworks, user defined classes and abstract collections, single and multidimensional arrays, Python lists, tuples, collections, and dictionaries.

CO SCI 133 MICRO DATABASE PROGRAMMING (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

The students learn the essential principles and concepts of microcomputer database environment. A comprehensive examination of the functions of a database command language is included.

CO SCI 134 OPERATING SYSTEMS (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Co Sci 101

The student gains knowledge and skills necessary to install, plan and maintain a Windows, one of the four core required courses of Microsoft Windows Certified Systems Engineer (MCSE), and prepares students for the related Microsoft exam.

CO SCI 136 INTRODUCTION TO DATA STRUCTURES (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Co Sci 138, Co Sci 139, Co Sci 141

The student learns to apply complex data structures to the design of solutions to programming problems. The student learns to incorporate arrays, stacks, queues, dequeues, trees and graphs in the design of programs with the highly desirable result that the programs produced thereby are more data driven, more object oriented and more easily modified than designs that rely primarily on passing data among functions.

CO SCI 138 ADVANCED VISUAL BASIC PROGRAMMING (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Co Sci 108, Co Sci 103

An advanced programming course in the Visual Basic.Net programming language with objects, classes, exception handling, GUI, DBMS, SQL, ASP.NET, Data Structures, and Recursion.

CO SCI 139 C++PROGRAMMING I (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Co Sci 103

The student learns all CS1 topics including Problem Analysis and Program Design, Simple Data Types, Streams and File I/O, Control Structures, Functions, Arrays, and Strings, emphasizing procedural programming with C++.

CO SCI 140 C++ PROGRAMMING II (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Co Sci 139

Student learns Object Oriented and Advanced programming with C++ including Classes, Data Abstractions, Inheritance, Composition, Virtual Functions, Operators & Functions Overloading, Templates, Exception Handling, Recursion, Pointers, Dynamic Data Types, and Linked Lists.

CO SCI 141 PROGRAMMING IN JAVA (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Co Sci 103

Students learn the basics of procedural programming, plus the concepts of Object Oriented Programming.

CO SCI 142 ADVANCED JAVA (UC/CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: Co Sci 103, Co Sci 141

The student learns about: UML, Multithreading, Networking, Exception handling, Recursion, Files & Streams, JDBC, RMI, Inheritance, Polymorphism. This course is a sequel to CS141. This course will prepare a student to sit for the - Sun Certified JAVA Programmer - industry certification exam.

CO SCI 148 ADVANCED SPREADSHEET APPLICATIONS (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: Co Sci 101, Co Sci 103

Students receive guidance in advanced spreadsheet operations, including nested functions, data tables, exporting/importing data, what if analysis, macro development, macro, logic, printing enhancements and spreadsheet systems development.

CO SCI 151 ADOBE DREAMWEAVER (UC/CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: Co Sci 108

The student receives an extensive practical and theoretical framework for using Adobe's Dreamweaver to develop web sites, including enhancements for web page layout, coding, and Webmaster user interactivity; server and client side scripting.

CO SCI 152 ADOBE FLASH (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: Co Sci 151

Students learn Macromedia's Flash; a state of the art Web animation software for creating highly compact, vector based content for transmission over the Internet. Topics presented include introduction to ActionScript, Event Handlers, objects and Dynamic Data.

CO SCI 158 HYPERTEXT MARKUP LANGUAGE (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Co Sci 101

The student learns basic internet concepts and technologies. The student learns to develop web sites by applying concepts like tables, layers, cascading styles sheets, frame sets, image maps, lists, forms, and dynamic content using basic JavaScript.

CO SCI 159 WEB PROJECTS (UC/CSU)

3 Units (RPT 2) (Lec 2 Hrs / Lab 2 Hrs)

*Advisory: Co Sci 141, Co Sci 139**Prerequisite: Co Sci 158, Co Sci 161*

Student learn about web development using current technology. Topics include NOSQL database, JavaScript and JSON, developing single page application using Angular and using Express to handle web page routing. This will be exemplified using the MEAN stack and students will create a meaningful capstone project. Creating web sites and apps for mobile devices using Bootstrap and ionic framework will also be covered.

CO SCI 162 ADVANCED JAVASCRIPT PROGRAMMING (UC/CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

*Advisory: Co Sci 141, Co Sci 139**Prerequisite: Co Sci 158*

This course teaches web page development with JavaScript. This course reviews introductory JavaScript language features. This course also covers advanced topics including object oriented programming, the Document Object Model (DOM), touch and mobile interfaces. It also teaches how to use regular expressions, closures, callbacks, namespaces, and the module pattern. Introduces JSON to transmit and store data.

CO SCI 166 DISCRETE STRUCTURES WITH APPLICATIONS (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

*Corequisite: Co Sci 141, Co Sci 139**Prerequisite: Math 125, Cosci 104*

This course is an introduction to the discrete structures used in Computer Science with an emphasis on their applications. Topics covered include: functions, relations and sets, basic logic, proof techniques, basics of counting, graphs, trees, and discrete probability.

CO SCI 185 DIRECTED STUDY COMPUTER SCIENCE INFORMATION TECHNOLOGY (CSU)

1 Units (Lec 1 Hrs)

Computer science students will pursue on their own an in depth study of a subject of special interest in the field of computer science topic(s). Consultation with the instructor on a weekly basis, plus independent work is required.

CO SCI 186 INTRODUCTION TO ORACLE: SQL AND PL/SQL (UC/CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

The student learns the concepts of both relational and object relational databases and the SQL language. Students learn about data server technology and how to create and maintain database objects and how to store, retrieve, and manipulate data.

CO SCI 187 ORACLE DBA PART 1A: ARCHITECTURE AND ADMINISTRATION (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: Co Sci 186

The student receives a firm foundation in basic administrative tasks and the necessary knowledge and skills to set up, maintain, and troubleshoot an oracle database. The students learn to use an administration tool to startup and shutdown a database, manage file and database storage, and manage users and their privileges.

CO SCI 188 ORACLE DBA PART 1B: BACKUP AND RECOVERY (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: Co Sci 187

The student learns how to plan and implement database backup and recovery strategies. Backup and recovery techniques are examined. Various database backup, failure, restore and recovery scenarios studied. In hands on exercises, students examine backup methodologies based on mission critical requirements of business enterprises.

CO SCI 198 PL/SQL PROGRAMMING FOR ORACLE (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: Co Sci 186

The student learns the Oracle PL/SQL language which provides for programming logic features not contained within SQL. Also, the grammar, syntax and benefits of using the PL/SQL language within an Oracle database environment are considered. The student creates and manages user defined packages and Oracle supplied packages, plus creating functions and procedures to encapsulate business functionality. The skills to take an Oracle Developer Certification are provided.

CO SCI 285 DIRECTED STUDY COMPUTER SCIENCE INFORMATION TECHNOLOGY (CSU)

2 Units (Lec 2 Hrs)

Computer science students can pursue on their own an in depth study of a subject of special interest in the field of Computer Science topic(s). Consultation with the instructor on a weekly basis, plus independent work is required.

COMPUTER TECHNOLOGY (CO TECH)**CO TECH 001 INTRODUCTION TO COMPUTERS FOR TECHNICIANS (CSU)**

3 Units (Lec 3 Hrs / Lab 3 Hrs)

Advisory: English 028, English 067

In this first course in the computer technology major students learn the physical aspects of computer hardware and low level programming.

CO TECH 002 INTRODUCTION TO ELECTRONICS (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students learn the basic concepts of electricity and applications of simple electronic components through introduction to the technological implications of electronics. The laboratory emphasizes skills in breadboarding and soldering and hands on exposure to basic electronic principles.

CO TECH 004 INTRODUCTION TO COMPUTER NETWORKS (CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

The students gain basic understanding of networking technologies, the OSI model, methods of signaling and encoding, interfaces, modems, and transmission media; and examine the most important protocols involved in moving data over a communication network.

CO TECH 005 FUNDAMENTALS OF ELECTRONICS I (CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Students learn the concepts of direct current circuits, including basics of electricity, series and parallel circuits, meters, batteries, resistors, and magnetism. The laboratory emphasizes skills in the analysis of circuits and the use of test equipment.

CO TECH 006 FUNDAMENTALS OF ELECTRONICS II (CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

The student receives a detailed study of alternating current theory and applications, including reactance, impedance, resonance, transformers, coupling, filters, band pass, and time constants. The laboratory emphasizes skills in the use of test equipment in AC circuits.

CO TECH 007 ELECTRON DEVICES (UC/CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

The student learns the nature and operation of solid state devices including diodes, transistors, and field effect devices. Includes simple circuit applications.

CO TECH 012 INTRODUCTION TO COMPUTER HARDWARE (CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Students learn technology of computer hardware such as microprocessor, RAM, BIOS/CMOS, motherboard, power supply, HDD, FDD, CD, DVD, video, sound, and printer; how these form a working system; and simple troubleshooting of PC systems. This course is one of two courses on the computer hardware and operation to prepare students for CompTIA A+ certification exam.

CO TECH 014 A PLUS CERTIFICATION PREPARATION (CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Students learn technology of Microsoft Windows operating systems, troubleshooting and maintenance of Windows, essentials of computer security, networking, Internet, and features of portable computers and mobile devices. This course is one of two courses on the computer hardware and operation to prepare students for CompTIA A+ certification exam.

CO TECH 015 NET PLUS CERTIFICATION PREPARATION (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Co Tech 04

The students gain in depth understanding of networking technologies and learn skills necessary to install, configure, and operate local and wide area networks. They become prepared for the CompTIA Network+ certification exam.

CO TECH 016 SECURITY + CERTIFICATION PREPARATION (CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Prerequisite: Co Tech 04

Students learn concepts of computer and network security and gain skills necessary to apply knowledge of security concepts, tools, and procedures to react to security incidents, and guard against the security risks. At the end of the course students are prepared for the CompTIA Security+ certification exam.

CO TECH 017 HEALTHCARE IT TECHNICIAN CERTIFICATION PREPARATION (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students learn concepts of Healthcare IT systems and gain skills necessary to apply knowledge to implement, deploy, and support IT systems in the healthcare field. Students will also learn the concepts of code of conduct policies and security best practices in medical facilities in order to support Electronic Health Records (EHR) systems. At the end of the course, students are prepared to take the CompTIA Healthcare IT Technician certification exam.

CO TECH 018 LINUX+ CERTIFICATION PREPARATION (CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

This course introduces the Linux Operating System for the standard PC as outlined by CompTIA in order to prepare students for Linux + Certification. Topics include installation and configuration of the Linux operating system, GNU and Unix commands, file systems, scripting, GUI's, system services, network fundamentals and essential troubleshooting techniques for operating systems and networks. Students will develop Linux

administrative skills by creating and editing user groups, auditing system files, determining port status on a system, developing password protocols, and determining limits on user logins, processes and memory usage.

CO TECH 019 MOBILITY+ CERTIFICATION

PREPARATION (CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Students learn concepts of mobile device and Wi Fi technologies and gain skills necessary to apply knowledge of mobile, Wi Fi, Bring Your Own Device (BYOD), and Internet of Things (IoT) infrastructure and security concepts, to react to security incidents and guard against security risks. At the end of the course students are prepared for the CompTIA Mobility+ certification exam.

CO TECH 020 COMPUTER LOGIC AND ARITHMETIC (CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Prerequisite: Electronics 004, Electronics 010

Students learn the essential number and logic theory upon which digital computers today are based, including principles and applications of logic devices used in digital systems, number systems, Boolean algebra, logic and truth tables, logic gates, and bistable devices.

CO TECH 025 CLOUD+ CERTIFICATION PREPARATION (CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Students learn concepts of IT cloud computing infrastructure and systems and gain skills necessary to apply knowledge to implement, deploy, and support; configuration, optimization, services and virtualization in the cloud environment. Students will learn concepts of cloud computing for both the enterprise and SoHo environments. At the end of the course, students are prepared to take the CompTIA Cloud+ certification exam.

CO TECH 029 INTRODUCTION TO COMPUTER FORENSICS (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

This course introduces the concept of Computer Forensics and how forensic techniques are used in the investigative process. Topics covered in this course include the analytical and investigative techniques to identify, collect, examine and preserve evidence/information which is magnetically stored or encoded. Also covered is the recovery, analysis, and presentation of computer based information in a way that ensures the integrity and security of data so that it can be used as evidence in a court of law.

CO TECH 030 INTRODUCTION TO MICROPROCESSORS (CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Advisory: Electronics 008

Corequisite: Co Tech 36

Prerequisite: Co Tech 20

Students receive a survey of various microprocessor devices with an in depth analysis of a selected microprocessor. Emphasis is placed on the architecture, instruction set, I/O interfacing, and typical applications of selected devices.

CO TECH 031 INTRODUCTION TO ETHICAL HACKING (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

This course introduces the concept of ethical hacking and systems defense. Topics covered include security concepts, tools, and procedures in evaluating environments to identify, exploit, report and recommend corrective actions to be taken in respect to threats and vulnerabilities. This course is designed for students who wish to pursue certifications in the certified systems defense fields, including Certified Ethical Hacker (CEH).

CO TECH 036 DIGITAL DEVICES AND CIRCUITS (CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Advisory: Electronics 008

Prerequisite: Co Tech 20

Students learn about digital integrated circuit devices such as registers, counters, encoder/decoders, multiplexer/demultiplexers, memory devices, and programmable logic arrays. Laboratory emphasizes use of dual trace oscilloscope.

COMMUNICATION STUDIES (COMM)

COMM 060D LISTENING AND SPEAKING LABORATORY

0.3 Units (Lab 0.75 Hrs)

Advisory: ESL 06A, ESL 06B

Corequisite: Comm 076

Prerequisite: Comm 073, Comm 60C

Students, enrolled in Communication Studies 60D, practice using English as a Second Language. They supplement usage of the most common words and idiomatic expressions in English. They develop skills applying concepts of intonation and stress while employing accurate pronunciation of blended vowels, consonants and word endings in a speech laboratory setting. This is a level seven laboratory course.

COMM 076 ENGLISH SPEECH AS A SECOND LANGUAGE (CSU)

3 Units (RPT 1) (Lec 3 Hrs)

Advisory: ESL 06A, ESL 06B

Corequisite: Comm 60D

Prerequisite: Comm 073, Comm 60C

Students accomplish speaking English as a second language fluently during in class discussions and presentations. They may have adequate reading, grammatical and writing skills but acquire more skills with specific areas of articulation, pronunciation, fluency and oral composition when presenting speeches and conversing in small groups. This is a level seven intensive speech course.

COMM 091 SPEECH LABORATORY I

1 Units (Lab 3 Hrs)

Advisory: Comm 076, Comm 60D, Eng 028, Eng 067

Students learn about their own areas of speech functioning that require intervention such as adjusting respiration, phonation, resonance, articulation and cerebration. Results of an evaluation will become the basis of an educational plan of speech communication exercises. Students also learn the basic procedures for using computer aided speech exercises and acquire fundamental skills in recording orally read text, analyzing their

speech production and re recording to accomplish mastery of new speech patterns. Students produce these newly acquired patterns with in a speech rate range of 60 89 words per minute and 90% mastery of the assigned speech tasks.

COMM 092 SPEECH LABORATORY II

1 Units (Lab 3 Hrs)

Prerequisite: Comm 091

Students learn to differentiate their second set of speech functioning areas that require intervention based on what was accomplished in the prior level and results of an updated Level Two evaluation. A second level educational plan of speech communication exercises is developed. Students use computer aided speech exercises and acquire mastery of more complex speech patterns by recording and analyzing their speech production followed by re recording it. Students produce these newly acquired patterns within a speech rate range of 90 119 words per minute and 90% mastery of the assigned speech tasks.

COMM 093 SPEECH LABORATORY III

1 Units (Lab 3 Hrs)

Prerequisite: Comm 092

Students learn to assimilate the prior two levels in this third set of speech functioning areas that require intervention based on the results of a third evaluation. A third level educational plan of speech communication exercises is developed. Students use computer aided speech exercises and conversational practice dialogues to apply complex integrated speech tasks. Recording and analyzing their speech production followed by re recording to accomplish mastery of the third level of new speech patterns is also followed by small group guided conversational dialogues. Students provide feedback to each other. Students produce the integrated speech patterns with in a speech rate range of 120 149 words per minute and mastery on 90% of the assigned Level Three speech tasks.

COMM 094 SPEECH LABORATORY IV

1 Units (Lab 3 Hrs)

Prerequisite: Comm 093

Students learn to generalize and habituate the prior three levels of speech functioning areas that have required intervention based on the results of a fourth evaluation. The fourth educational plan of speech communication exercises is developed. Students utilize the prior learned technology and computer aided speech exercises and conversational practice dialogues/feedback strategies transfer these skills for presenting short researched topics while applying the complex integrated speech tasks. Students produce the integrated speech patterns within a presentation speech rate range of 150 185+ words per minute and mastery on 90% of the assigned speech tasks.

COMM 100 INTRODUCTION TO COMMUNICATION STUDIES (CSU)

3 Units (Lec 3 Hrs)

Advisory: Eng 101

Students will explore the basic concepts of human communication as an academic field of study including history, assumptions, principles, processes, variables, methods and specializations. Students will examine issues relevant to the systematic

inquiry and pursuit of knowledge about human communication. Students will analyze basic concepts of communication and the skills necessary to communicate in various contexts.

COMM 101 PUBLIC SPEAKING (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: Eng 101

Students study the theory and techniques of public speaking in a democratic society. Students will apply rhetorical principles to topic selection and audience analysis, research and reasoning of information, speech composition and outlining, presentation aids and delivery, and listening and evaluation of public discourse. Students practice effective communicative strategies for various types of original speeches including informative and persuasive speeches. Focus will be on developing credibility as a speaker and demonstrating confidence before an audience. This course meets AA degree and transfer requirements in oral communication.

COMM 104 ARGUMENTATION AND DEBATE (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Eng 101

Students explore methods of critical inquiry, advocacy and argumentation. Students will analyze, present and evaluate oral and written arguments, understand inductive and deductive reasoning, identify Formal and Informal fallacies in reasoning and language, test evidence and evidence sources, advance a reasoned position, and defend and refute arguments orally and in writing. This course meets AA degree and transfer requirements.

COMM 105 CRITICAL THINKING (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Eng 101

Principles of argumentation and critical thinking. Instruction in this course is designed to allow students an understanding of Communication Studies and critical methodology; analysis and evaluation of political, marketplace and social communication; structure of argument; analysis of assumptions, evidence, language, formal and informal fallacies; techniques of creating effective and sound arguments.

COMM 106 FORENSICS (CSU)

2 Units (RPT 3) (Lab 7 Hrs)

Advisory: Comm 101, or Comm 130, or Comm 104

Students participate in competitive speaking in public address, interpretation and/or debate as part of the LACC Forensics Team. Students develop the skills to research and prepare for intercollegiate forensics tournaments outside of regularly scheduled class hours. Students practice effective verbal and nonverbal communicative techniques, develop speaker credibility, and demonstrate confidence before an audience. This course is repeatable up to three times and meets AA degree requirements.

COMM 111 VOICE AND ARTICULATION (CSU)

3 Units (Lec 3 Hrs)

Students study methods of voice development and demonstrate improved speech production. Focus will be on the respiration process, phonation, resonance, and articulation and their coordination in pronunciation and effective vocal expression. Students practice accuracy of sound production for

Standard American English through use of the International Phonetic Alphabet. This course is suited for any major or career where speaking clearly is a requirement.

COMM 121 INTERPERSONAL COMMUNICATION (UC/CSU)

3 Units (Lec 3 Hrs)

Students explore communication in a variety of interpersonal relationships. Students will study communication behaviors in dyads (pairs) and their impact on personal and professional relationships, developing effective communication skills in areas such as verbal and nonverbal communication, listening, emotional intelligence, and conflict management. This course meets AA degree and transfer requirements.

COMM 122 INTERCULTURAL COMMUNICATION (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: Comm 121, English 101

Students analyze dynamics of culture within a variety of communication contexts. Students will explore cultural worldviews and values, verbal and nonverbal communication styles, and barriers to intercultural communication. Focus will be on recognizing and appreciating cultural differences and improving intercultural communication competence for more effective interactions with others in a diverse society. This course meets AA degree and transfer requirements.

COMM 130 INTRODUCTION TO ORAL INTERPRETATION OF LITERATURE (UC/CSU)

3 Units (Lec 3 Hrs)

Students study the theory, principles, and techniques of oral interpretation of literature. Texts include prose, poetry, drama, and other forms of performance text drawn from a diverse range of cultural viewpoints and voices. Students will focus on selection, analysis, editing, performance, and evaluation; developing an appreciation for and an understanding of oral interpretation as a communication medium. This course meets AA degree and transfer requirements.

COMM 151 SMALL GROUP COMMUNICATION (UC/CSU)

3 Units (Lec 3 Hrs)

Students study the theory, principles, application and evaluation of group communication processes. Students learn effective problem solving, decision making, and conflict management techniques, including the development of individual leadership skills. Focus will be on collaborative learning that can be achieved by responsible group participation. This course meets AA degree and transfer requirements.

COMM 185 DIRECTED STUDY COMMUNICATION STUDIES (CSU)

1 Units (RPT 2) (Lec 1 Hrs)

Prerequisite: Comm 101, Comm 102, Comm 104, Comm 121

Students independently pursue research of specific topics in Communication Studies as a directed study on a contract basis under the direction of a supervising instructor.

COMM 285 DIRECTED STUDY COMMUNICATION STUDIES (CSU)

2 Units (Lec 2 Hrs)

Prerequisite: Comm 101, Comm 102, Comm 104, Comm 121

Students independently pursue research of specific topics in Communication Studies as a directed study on a contract basis under the direction of a supervising instructor.

COMM 385 DIRECTED STUDY COMMUNICATION STUDIES (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Comm 101, Comm 102, Comm 104

Students independently pursue research of specific topics in Communication Studies as a directed study on a contract basis under the direction of a supervising instructor.

COOPERATIVE EDUCATION (COOP ED)

COOP ED 195 WORK EXPERIENCE GENERAL I (CSU)

1 Units (Lec 1 Hrs)

Students receive college credit for supervised employment intended to assist students in acquiring desirable work habits, attitudes and career awareness. Topics include preparing for the changing job market, writing applications and resumes, communication skills, and awareness of on the job relations with other employees, supervisors, and the general public. The work experience need not be related to the student's educational goals. Students must work 75 paid hours or 60 volunteer hours during the semester.

COOP ED 196 WORK EXPERIENCE GENERAL II

1 Units (Lec 1 Hrs)

Students receive credit for an approved internship with an employer in a field that is not their college major

COOP ED 295 WORK EXPERIENCE GENERAL I (CSU)

2 Units (Lec 2 Hrs)

Students receive supervised employment intended to assist them in acquiring desirable work habits, attitudes and career awareness. Topics include preparing for the changing job market, writing applications and resumes, communication skills, and awareness of on the job relations with other employees, supervisors, and the general public. The work experience need not be related to the student's educational goals. Students must work 150 paid hours or 120 volunteer hours during the semester.

COOP ED 296 WORK EXPERIENCE GENERAL II

2 Units (Lec 2 Hrs)

Students receive credit for an approved internship with an employer in a field that is not their college major

COOP ED 395 WORK EXPERIENCE GENERAL I (CSU)

3 Units (Lec 3 Hrs)

This course grants college credit for supervised employment intended to assist students in acquiring desirable work habits, attitudes and career awareness. Topics include preparing for the changing job market, writing applications and resumes, communication skills, and awareness of on the job relations with other employees, supervisors, and the general public. The

work experience need not be related to the student's educational goals. Students must work 225 paid hours or 180 volunteer hours during the semester.

COOP ED 396 WORK EXPERIENCE GENERAL II

3 Units (Lec 3 Hrs)

Students receive credit for an approved internship with an employer in a field that is not their college major

CORRECTIONS (CORR)**CORR 001 INTRODUCTION TO CORRECTIONS (CSU)**

3 Units (Lec 3 Hrs)

The student learns a history of and critical analysis of punishment, the various types of punishment, alternatives to punishment, and the impact of punishment on the Criminal Justice System, corrections, a critical examination of the types of correctional institutions and the clients housed in each institution, and an examination of contemporary correctional issues.

COUNSELING (COUNSEL)**COUNSEL 020 POST SECONDARY EDUCATION: THE SCOPE OF CAREER PLANNING (CSU)**

3 Units (Lec 3 Hrs)

This course is designed for students who are undecided about their career and/or educational goals. It is a hands-on and interactive career planning process that includes the following topics: Self exploration, clarification on values, interest and skills analysis, researching career options, interviewing skills, decision making, and goal setting process. Counselors will assist students in creating an educational plan based on major and career goals to be included in the final portfolio.

COUNSEL 040 COLLEGE SUCCESS SEMINAR (UC/CSU)

3 Units (Lec 3 Hrs)

Students explore issues related to higher education that contribute to student success. Topics will include an overview of academic success skills, value and purpose of higher education, Los Angeles City College and Los Angeles Community College District policies and procedures, ethics and responsibility, diversity in higher education, educational strategies and planning, interpersonal communication, career development, health issues, and self assessment techniques.

COUNSEL 040A COLLEGE SUCCESS SEMINAR (UC/CSU)

1 Units (Lec 1 Hrs)

Students explore issues related to higher education that contribute to student success. Topics include an overview of orientation to higher education; Los Angeles City College and Los Angeles Community College District policies and procedures; ethics in higher education; college resources; general education, certificates, graduation and transfer requirements.

COUNSEL 040B COLLEGE SUCCESS SEMINAR (UC/CSU)

1 Units (Lec 1 Hrs)

Students explore issues related to higher education that impact student success including personal values, goal and decision making, time/task management and academic success skills, which include study groups, effective reading, memorizing, note taking, and test taking techniques.

COUNSEL 040C COLLEGE SUCCESS SEMINAR (UC/CSU)

1 Units (Lec 1 Hrs)

Students explore issues related to higher education that impact student success. Topics include career exploration, educational planning, learning preferences and theory, diversity, health issues and interpersonal communication.

COMPUTER SCIENCE (CS)**CS 146 APPLE MOBILE APPLICATION DEVELOPMENT II (CSU)**

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Students will learn intermediate art and practice of mobile application development for the Apple iOS operating system through the use of Xcode IDE and Swift.

DANCE STUDIES (DANCEST)**DANCEST 185 DIRECTED STUDY DANCE (CSU)**

1 Units (Lec 1 Hrs)

Students pursue directed study in Dance on a contractual basis under the direction of a supervising instructor. Refer to the 'Directed Study Dance' section in the catalog for additional information. Consent of instructor.

DANCEST 301 CHOREOGRAPHY I (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancest 141, Dancest 111, Dancest 121

Students choreograph and perform dances with emphasis on energy space and time using basic steps and combinations, spacing, design, terminology, and music. Students learn an appreciation of dance as a performing art form.

DANCEST 302 CHOREOGRAPHY II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancest 301

Students choreograph and perform dances with a minimum of 2 people with emphasis on basic steps and combinations, spacing, design, terminology, music, and appreciation of dance as a performing art form.

DANCEST 303 CHOREOGRAPHY III (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancest 303

Students choreograph and perform dances using at least 3 people or more with an emphasis on clear intention of dance, energy, space, and time, using basic, intermediate, or advanced steps and combinations, design, proper terminology, music, internal or external rhythms, themes and variations in

dynamics, contrasts and direction. Students develop a greater appreciation and understanding of the tools necessary to create the dance as a performing art form.

DANCEST 304 CHOREOGRAPHY IV (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancest 303

Students choreograph and perform dances for 4 or more people, with emphasis on more advanced phrasing of movement combination spacing, design, terminology, music, an appreciation of dance as a performing art form and develop an ability to view dance critically.

DANCEST 805 HISTORY AND APPRECIATION OF DANCE (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students learn a historical perspective of dance from ritual to contemporary theatrical dance forms focusing on the ethnic, cultural and ritual forms of dance as it affects and reflects the world in which people live. Primarily, students focus on how Dance reflects the times, historical, social and political climate of the day. Students consider the impact of dance on the western world and how it has been affected by the different dance traditions world wide.

DANCEST 814 DANCE PRODUCTION I (CSU)

2 Units (RPT 2) (Lec 1 Hrs / Lab 2 Hrs)

Advisory: Dancest 111, or Dancest 121, or Dancest 141, and English 021

Prerequisite: Dancest 301, Dancest 822

Students learn methods and techniques involved in producing a dance concert: including choreographic applications, rehearsal management, scheduling, lighting, costuming, publicity, audition and performance skills, dance critique and assessment. Students develop the skills necessary to direct, choreograph and produce dance pieces for a variety of audiences. Involves rehearsing dancers and production duties for non dancers.

DANCEST 822 DANCE REHEARSALS AND PERFORMANCES I (CSU)

1 Units (RPT 3) (Lab 2 Hrs)

Advisory: Dancest 111, or Dancest 121, or Dancest 141, or Dancest 311, or Dancest 321, or Dancest 331, and English 021

Students utilize their technical dance knowledge to develop an understanding of dance as a performing art. Students participate as performers in the student dance concert.

DANCE TECHNIQUES (DANCETQ)

DANCETQ 111 BALLET TECHNIQUES I (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn basic Ballet steps and combinations at an introductory level, terminology, music, and appreciation of dance as a performing art.

DANCETQ 112 BALLET TECHNIQUES II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancetq 111

Students continue to learn basic Ballet steps and combinations, terminology, music, and appreciation of dance as a performing art.

DANCETQ 113 BALLET TECHNIQUES III (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancetq 112

Students learn more complex Ballet steps and combinations, terminology, music, and appreciation of dance as a performing art.

DANCETQ 114 BALLET TECHNIQUES IV (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancetq 113

Students perform several Ballet combinations with an emphasis on basic steps and combinations, terminology, music, and appreciation of dance as a performing art form.

DANCETQ 121 JAZZ DANCE TECHNIQUES I (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn beginning jazz dance technique with an emphasis on basic steps, combinations, terminology, music, and appreciation of dance as a performing art form.

DANCETQ 122 JAZZ DANCE TECHNIQUES II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancetq 121

Students learn elementary jazz dance technique with an emphasis on basic elementary level steps, combinations, terminology, music, and appreciation of dance as a performing art form.

DANCETQ 123 JAZZ DANCE TECHNIQUES III (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancetq 122

Students learn intermediate jazz dance technique with an emphasis on intermediate level steps, combinations, terminology, music, and appreciation of dance as a performing art form.

DANCETQ 124 JAZZ DANCE TECHNIQUES IV (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancetq 123

Students learn advanced jazz dance technique with an emphasis on advanced level steps, combinations, terminology, music, and appreciation of dance as a performing art form.

DANCETQ 141 MODERN DANCE TECHNIQUES I (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn basic Modern Dance steps and combinations, terminology, music, and appreciation of dance as a performing art. Course may be taken four times.

DANCETQ 142 MODERN DANCE TECHNIQUES II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancetq 141

Students learn basic Modern Dance steps and combinations, terminology, music, and appreciation of dance as a performing art.

DANCETQ 143 MODERN DANCE TECHNIQUES III (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancetq 142

Students perform modern dance combinations with an emphasis on steps and combinations of greater complexity and duration, partnering, terminology, music, and appreciation of dance as a performing art.

DANCETQ 144 MODERN DANCE TECHNIQUES IV (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancetq 143

Students perform advanced level modern dance combinations with emphasis on complexity in dance technique, rhythmic phrasing, duet and multi partner weight sharing in all level dance phrases, clarity of detail and body connectivity. Students refine techniques of personal artistry, musicality, and performance and display deeper understanding and appreciation of dance as a performing art form.

DANCETQ 221 YOGA SKILLS I (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn the beginning level physical practice of Yoga, connecting body, mind and spirit. The students are introduced to its origins, asanas (positions, and terminology).

DANCETQ 222 YOGA SKILLS II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancetq 221

Students learn the physical practice of Yoga, connecting body, mind and spirit. The students are introduced to its origins, asanas (positions) and terminology.

DANCETQ 223 YOGA SKILLS III (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancetq 222

Intermediate level students deepen their understanding and strengthen their physical practice of Yoga, connecting body, mind and spirit. Students perform harder positions, longer flow/vinyasa sequences, maintain balance and inversion postures for extended periods and gain greater knowledge of the philosophical principles of the Yoga system.

DANCETQ 224 YOGA SKILLS IV (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Dancetq 223

Advanced level students intensify their understanding and performance of Yoga asanas, develop a personal practice, and apply knowledge of the philosophical principles of the Yoga system to real life. Connecting body, mind and spirit, students perform challenging positions, in (standing/seated inversions) and extended flow/vinyasa sequences.

DANCETQ 241 STRESS MANAGEMENT TECHNIQUES THROUGH DANCE AND MOVEMENT (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn techniques for managing stress through movement, dance therapy, dance meditation, authentic movement studies, breathing exercises, yoga, physical therapy and varied relaxation exercises.

DANCETQ 242 STRESS MANAGEMENT TECHNIQUES THROUGH DANCE AND MOVEMENT II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Kinesiology 249 I or Dancetq 241

Students learn additional techniques for managing stress through movement, dance therapy, dance meditation, authentic movement studies, breathing exercises, yoga, physical therapy and varied relaxation exercises.

DENTAL TECHNOLOGY (DEN TEK)**DEN TEK 100 INTRODUCTION TO THE DENTAL LABORATORY**

2 Units (Lec 1 Hrs / Lab 3 Hrs)

Students learn an introduction to the modern dental laboratory. Working with gypsum products, as well as model and die production are stressed.

DEN TEK 101 ELEMENTS OF DENTAL TECHNOLOGY

2 Units (Lec 2 Hrs)

Advisory: English 073

Orientation to the field of dental laboratory technology, including ethics, jurisprudence, history, and categories of training and employment.

DEN TEK 102 DENTAL ANATOMY AND TERMINOLOGY

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

The students learn about dental terminology, oral cavity including morphology and function of the primary and secondary human dentition, occlusion concepts and anatomical landmarks. Additionally, the students learn the significance of: skull osteology, myology and tooth supporting structures, histology.

DEN TEK 103 REMOVABLE PROSTHODONTICS I

5 Units (Lec 3 Hrs / Lab 5 Hrs)

Prerequisite: Den Tek 102, Den Tek 100

Students learn the art and science of creating natural looking complete dentures by using PTC techniques and methodology. The course includes: dental anatomy, concepts of a natural smile, selecting and setting denture teeth in balanced occlusion, duplication of natural tissue, and processing, finishing and polishing complete dentures according with established clinical standards and an introduction to digital dentistry.

DEN TEK 105 REMOVABLE PROSTHODONTICS II

5 Units (Lec 3 Hrs / Lab 6 Hrs)

Prerequisite: Den Tek 103

Students learn the design, materials ' science and construction of maxillary complete dentures opposing a mandibular overdenture, reline and repair complete dentures, Immediate Maxillary Denture and Wrought wire Mandibular Stay Plate.

DEN TEK 106 DENTAL MATERIALS

3.5 Units (Lec 3 Hrs / Lab 1 Hrs)

Prerequisite: Den Tek 100

Students learn by lecture, demonstration and experiment the physical properties of dental materials including, composition and uses of dental materials.

DEN TEK 108 GNATHOLOGICAL CONCEPTS

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Den Tek 109

Students learn about gnathological concepts of morphology and functional occlusion. Understanding and reconstructing ideal and functional contacts. Organic waxing of the maxillary and mandibular teeth occlusal surfaces is accomplished on fully adjustable articulators.

DEN TEK 109 FIXED PROSTHODONTICS I

5 Units (Lec 2 Hrs / Lab 8 Hrs)

*Advisory: English 067, English 028**Prerequisite: Den Tek 100, Den Tek 102*

The student learns morphological and functional waxing of anterior and posterior single units by analogue and digital applications.

DEN TEK 111 FIXED PROSTHODONTICS II

6 Units (Lec 3 Hrs / Lab 6 Hrs)

Prerequisite: Den Tek 109

Students learn to wax single and multiple units by using PTC techniques and methodology based on student learning outcomes. Learning and understanding concepts such as: tooth contour alignment, functional and morphological occlusion. Students learn fundamental concepts in metal and ceramic substructure designs applied to single units. Students learn techniques in spruing, investing and casting including soldering applications.

DEN TEK 112 REMOVABLE PROSTHODONTICS III

6 Units (Lec 4 Hrs / Lab 6 Hrs)

Prerequisite: Den Tek 105

The student will learn removable partial denture construction, both analog and digital, from start to finish. The course will consist of two sections, framework production and replacement teeth addition to the framework. The first section will consist of the: use of the dental surveyor; design of the partial denture framework; waxing; casting Cobalt Chromium alloy; finishing and polishing the framework. The second section will consist of replacement tooth set up; wax up; processing; equilibration; finish and polish.

DEN TEK 185 DIRECTED STUDY DENTAL TECHNOLOGY

1 Units (RPT 2) (Lec 1 Hrs)

Dental Prosthetic Technology students pursue directed study on a contract basis, under the direction and supervising of the instructor. The students will receive additional evaluation and guidance in the skills and theory learning steps underlying Advanced Restorative Prosthodontics courses, level III and IV.

DEN TEK 202 LABORATORY MANAGEMENT

4 Units (Lec 2 Hrs / Lab 6 Hrs)

Corequisite: Den Tek 207, Den Tek 208

The students learn to observe and work with a skilled dental technician in a dental office, clinic or dental laboratory. The student applies the knowledge and skills learned in the classroom in a dental office, clinic or dental laboratory. The students learn about production, operation, and management of dental laboratory business including; Human Resource Management. Various types of business financing. Identify various marketing strategies. Business ownership and current professional topics.

DEN TEK 203 CERAMIC RESTORATIONS

2 Units (Lec 1 Hrs / Lab 3 Hrs)

Prerequisite: Den Tek 111

The student learns about dental ceramic restorations, including: materials properties and manipulation, tooth morphologic design, feldspathic materials sintering, contouring staining, glazing, polishing, as well as science of color and esthetic design.

DEN TEK 204 ORTHODONTICS

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Den Tek 112

This course goes into the construction and repair of orthodontic and pedodontic appliances. Emphasis will be placed on pouring and trimming orthognathic study casts, wire bending techniques, soldering and welding techniques, and fabrication of various types of orthodontic appliances.

DEN TEK 206 FIXED PROSTHODONTICS III

6 Units (Lec 2 Hrs / Lab 8 Hrs)

Prerequisite: Den Tek 111, Dentek 108

This is an advanced course in the Fixed Prosthodontics specialty. The students will learn about the science of materials, gnathological concepts, prosthetic framework design techniques, and technologies applied in the restorative prosthodontics procedures in alignment with clinical acceptable standards.

DEN TEK 207 REMOVABLE PROSTHODONTICS IV

6 Units (Lec 3 Hrs / Lab 7 Hrs)

Prerequisite: Den Tek 105, Dentek 112

This is an advanced course in Removable Prosthodontics Specialty in the Dental Technology Program. This course incorporates advanced removable dentures design, materials' science, and manufacturing techniques.

DEN TEK 208 FIXED PROSTHODONTICS IV

6 Units (Lec 3 Hrs / Lab 7 Hrs)

Prerequisite: Den Tek 206

This is an advanced course in the Fixed Prosthodontics specialty, level four. This course incorporates advanced Ceramic Restorations analysis, design and manufacturing techniques, including science of materials and their applications. Students will learn the methodology of feldspathic porcelain powders application techniques as it applies to single and multiple units, by incorporating the proper morphologic, functional and optical values. Digital technology is an integral part of the course instructions and applications.

DEN TEK 285 DIRECTED STUDY DENTAL TECHNOLOGY

2 Units (RPT 1) (Lec 2 Hrs)

Dental Prosthetic Technology students pursue directed study on a contract basis, under the direction and supervising of the instructor. The students will receive additional evaluation and guidance in the skills and theory learning steps underlying fixed and removable Prosthodontics courses, level I and II.

**DEN TEK 304 DIGITAL TECHNOLOGIES APPLICATIONS
IN ADVANCED PROSTHODONTICS I**

8 Units (Lec 4 Hrs / Lab 11 Hrs)

Prerequisite: Den Tek 208 or Proof of certification or dental prosthetic technology field experience Students will learn to evaluate, plan, scan, design and process complex advanced fixed prosthodontics cases, including multiple units restorations, frames and full contours bridges, implant restorations and combination cases. The students will complete clinically acceptable prosthetic restorations, where the coordination between function and esthetics is fully maximized.

DEN TEK 401 DENTAL IMPLANTS

4 Units (Lec 2 Hrs / Lab 6 Hrs)

Prerequisite: Den Tek 207

The students will learn about dental implants including: history, surgical overview, types of implants and implant restorations, case planning, prosthodontic procedures, laboratory procedures, restorative materials, case finalization.

**DEN TEK 403 DIGITAL TECHNOLOGIES APPLICATIONS
IN ADVANCED PROSTHODONTICS II**

8 Units (Lec 4 Hrs / Lab 8 Hrs)

Prerequisite: Den Tek 401

Students will learn to evaluate, plan, scan, design and process complex advanced removable prosthodontics cases, including partial dentures, implant over dentures. The students will complete clinically acceptable prosthetic restorations, where the coordination between function and esthetics is fully maximized.

DANCE SPECIALTIES (DNCESPC)**DNCESPC 311 FLAMENCO AND SPANISH DANCE (UC/
CSU)**

1 Units (Lab 2 Hrs)

Students learn basic flamenco and Spanish dance with an emphasis on correct posture, individual steps, arm movements, terminology, various rhythms and basic step combinations.

**DNCESPC 312 FLAMENCO AND SPANISH DANCE II
(UC/CSU)**

1 Units (Lab 2 Hrs)

Students learn intermediate level flamenco and Spanish dance skills with an emphasis on correct posture, individual steps, arm movements, terminology, various rhythms and step combinations.

DNCESPC 321 SOCIAL DANCE TECHNIQUES I (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn basic social dance steps and combinations, terminology, music and appreciation of dance as an art form.

DNCESPC 331 TAP DANCE TECHNIQUES I (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn basic tap dance steps and combinations, terminology, music, and appreciation of dance as an art form.

**ENGLISH AS A SECOND LANGUAGE
(E.S.L.)****E.S.L. 004A COLLEGE ESL IV: WRITING AND GRAMMAR**

6 Units (Lec 6 Hrs)

*Advisory: ESL 4B**Prerequisite: ESL 3A*

Students in this intermediate ESL course learn written composition, grammar, and critical reading skills to prepare them for college work. The emphasis is on writing based on critical reading and personal experience. Students will be introduced to summarizing skills. Grammar skills and mechanics are emphasized throughout each lesson. Required: Eight to ten writing assignments, including at least four paragraphs of 200 300 words. Prerequisite: Completion of ESL 3A with credit, or appropriate ESL placement level demonstrated through the assessment process.

**E.S.L. 004B COLLEGE ESL IV: READING AND
VOCABULARY**

3 Units (Lec 3 Hrs)

*Advisory: ESL 4A**Prerequisite: ESL 3B*

Students in this intermediate ESL course learn reading comprehension, critical reading, and vocabulary skills to prepare for their academic work across the curriculum. This course is designed to build academic language fluency including academic vocabulary.

**E.S.L. 005A COLLEGE ESL V: WRITING AND GRAMMAR
(CSU)**

6 Units (Lec 6 Hrs)

*Advisory: ESL 05B**Prerequisite: ESL 4A*

Students in this high intermediate ESL course learn written composition, grammar, and critical reading skills to prepare them for college work. The emphasis is on writing based on critical reading, interpretation/analysis, and personal experience. Students will develop paraphrasing and summarizing skills. Grammar skills and mechanics are emphasized throughout each lesson. Required: Eight to ten writing assignments, including at least four compositions of 300 500 words. Prerequisite: Completion of ESL 4A with credit, or appropriate ESL placement level demonstrated through the assessment process.

**E.S.L. 005B COLLEGE ESL V: READING AND
VOCABULARY (CSU)**

3 Units (Lec 3 Hrs)

*Advisory: ESL 05A**Prerequisite: ESL 4B*

Students in this high intermediate ESL course learn reading comprehension, critical reading, and vocabulary skills to prepare for and support their academic work across the curriculum. This course is designed to build academic language fluency including academic vocabulary.

E.S.L. 006A COLLEGE ESL VI: WRITING AND GRAMMAR (CSU)

6 Units (Lec 6 Hrs)

Advisory: ESL 06B

Prerequisite: ESL 05A

Students in this advanced ESL course learn written composition, grammar, and critical reading skills to prepare them for college work. The emphasis is on writing based primarily on critical reading and interpretation/analysis. Students will be introduced to appropriate citation and basic bibliographic conventions in their writing. Advanced grammar skills and mechanics are emphasized throughout each lesson. Required: Eight to ten writing assignments, including at least four essays of 400 600 words. Prerequisite: Completion of ESL 5A with a grade of 'C' or better, or appropriate placement level demonstrated through the assessment process.

E.S.L. 006B COLLEGE ESL VI: READING AND VOCABULARY (CSU)

3 Units (Lec 3 Hrs)

Advisory: ESL 06A

Prerequisite: ESL 05B

Students in this low advanced ESL course learn reading comprehension, critical reading, and vocabulary skills to prepare for and support their academic work across the curriculum. This course is designed to build academic language fluency including advanced academic vocabulary.

E.S.L. 008 ADVANCED ESL COMPOSITION (UC/CSU)

6 Units (Lec 6 Hrs)

Prerequisite: ESL 06A

Students in this high advanced ESL course leading to English 101 learn written composition, grammar, and critical reading skills to prepare for college work. The emphasis is on writing based primarily on critical reading and interpretation/analysis. Students will practice using MLA and/or APA citation and bibliographic conventions in their research. Advanced grammar skills and mechanics are emphasized throughout each lesson. Required: Eight to ten writing assignments, including at least four essays of 600 800 words, and one research paper. Prerequisite: Completion of ESL 6A with a grade of 'C' or better, or appropriate placement level demonstrated through the assessment process.

EARTH SCIENCE (EARTH)

EARTH 001 EARTH SCIENCE (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 067, English 028

Students learn a general introduction to the study of earth's rocks, landforms, atmosphere, and oceans. Students learn interrelationships between the land, atmosphere, and oceans and relate these subjects to global climate change.

ECONOMICS (ECON)

ECON 001 PRINCIPLES OF ECONOMICS I (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 067, English 028, Math 125

Prerequisite: Mathematics 115

Students learn the principles and methods of economic analysis; topics include the analysis of the laws of supply and demand, price theory, economic analysis of the firm and resource allocation, market structures of the American economy, and other topics relevant to microeconomic analysis.

ECON 002 PRINCIPLES OF ECONOMICS II (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 067, English 028, Math 125

Prerequisite: Mathematics 115

Students learn the principles and methods of aggregative macroeconomic analysis; topics include money and banking, national income determination, business fluctuations, and other topics relevant to macroeconomic analysis.

EDUCATION (EDUC)

EDUC 001 INTRODUCTION TO TEACHING (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028

This course introduces students to the field of professional education and the concepts and issues that are related to TK-12 education. Topics of this course include a basic understanding of a teacher's role and challenges in society, contemporary education issues within historical, social, philosophical, legal, and political contexts, impact of government policies on schools and children, and the various perspectives on curriculum and instruction.

ELECTRONICS (ELECTRN)

ELECTRN 002 INTRODUCTION TO ELECTRONICS (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students learn the basic concepts of electricity and applications of simple electronic components through introduction to the technological implications of electronics. The laboratory emphasizes skills in breadboarding and soldering and hands on exposure to basic electronic principles.

ENGINEERING, ELECTRICAL (ENG ELC)

ENG ELC 220 ELECTRICAL CIRCUITS I (UC/CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Corequisite: Mathematics 275

Prerequisite: Physics 102

Students learn the theory of circuit analysis and practice its application to areas of importance in electrical engineering such as DC, AC, operational amplifiers, multi phase power, and

frequency response. Students also perform laboratory exercises to learn how to realize circuit designs using electronic components and to use instruments such as multimeters, oscilloscopes, and signal generators.

ENGINEERING, GENERAL (ENG GEN)

ENG GEN 101 INTRODUCTION TO SCIENCE, ENGINEERING AND TECHNOLOGY (UC/CSU) 2 Units (Lec 2 Hrs)

Students learn about the engineering method and strategies for academic and career success in engineering. Students are introduced to mechanical, civil, electrical, and computer systems engineering through project work. The vast range disciplines and opportunities in engineering are presented. Students are guided through challenging design exercises to develop skills in planning, communication, team working, and creativity. Only basic mathematics skills are required

ENG GEN 120 INTRODUCTION TO PROGRAMMING CONCEPTS AND METHODOLOGIES FOR SCIENTISTS AND ENGINEERS (UC/CSU) 4 Units (Lec 3 Hrs / Lab 3 Hrs)

Prerequisite: Mathematics 260

Students learn the fundamentals of the 'C' computer programming language through completing hands on projects involving sensors, motors, and displays. Students also learn how to interface hardware to a desktop computer or laptop. The course provides transfer preparation in computer programming for science and engineering majors.

ENG GEN 131 STATICS (UC/CSU) 3 Units (Lec 3 Hrs)

Prerequisite: Physics 101

The student learns how to apply vector analysis of forces and moments to determine the equilibrium conditions in trusses, frames, and machines. The course also covers center of mass, centroids, friction, and moment of inertia.

ENG GEN 151 MATERIALS OF ENGINEERING (UC/CSU) 3 Units (Lec 3 Hrs)

Prerequisite: Chemistry 101, Physics 101

The student learns how the properties of materials are related to atomic and crystal structure and how processing influences structure and hence properties. Topics include atomic structure and bonding; crystalline structures; phases and phase diagrams; metals; polymers; ceramics; composites; mechanical deformation, fracture, electrical, and magnetic properties.

ENG GEN 153 MATERIALS OF ENGINEERING LABORATORY (UC/CSU) 1 Units (Lab 3 Hrs)

Corequisite: Eng Gen 151

Prerequisite: Eng Gen 151

The student learns experimental techniques, including the operation of standard materials testing equipment, to measure material performance and analyze experimental data in the context of the theories within materials science. The laboratory exercises relate to a range of materials science areas

including: mechanical testing, heat treatment, crystal structures, phase diagrams, thermal properties, electrical properties, and forming operations. Students gain experience of working with metals, polymers, ceramics, and composites. The course provides transfer preparation for majors in Mechanical, Aerospace, Manufacturing, and Civil engineering.

ENG GEN 212 INTRODUCTION TO ENGINEERING DESIGN (UC/CSU)

3 Units (RPT 3) (Lec 1 Hrs / Lab 4 Hrs)

Students learn to develop 3 D representations of engineering components and assemblies using SolidWorks feature based parametric solid modeling software. Instruction is given in the types of solid object manipulations that are common to all parametric solid modeling software used in industry to construct components that can be further combined to make assemblies. The preparation of engineering drawings from the 3 D representation using automation tools is also covered.

ENG GEN 241 STRENGTH OF MATERIALS (UC/CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: Eng Gen 131

The student will learn the application of mechanics to determining the effect of forces and torques on materials. The student will be able to apply this knowledge to the design of load bearing components. The course will cover the following topics: stress, strain, axial loading, torsion, flexural stresses, transverse shear stress, horizontal shear stresses, stress transformations, Mohr's circle, pressure vessels, shear and bending moment diagrams, stresses in a beam, methods of superposition, and elastic strain energy.

ENGLISH (ENGLISH)

ENGLISH 020 COLLEGE READING SKILLS

6 Units (Lec 6 Hrs)

Prerequisite: Placement Exam

Students receive instruction in techniques of writing clear, coherent compositions and improvement in reading skills which reinforce writing skills necessary for academic success.

ENGLISH 028 INTERMEDIATE READING AND COMPOSITION

3 Units (Lec 3 Hrs)

Corequisite: English 67

Prerequisite: English 21, English 73, English 097, ESL 6A Students receive instruction in techniques of writing at the college level. Students develop writing and reading skills, with emphasis on grammar, various essay writing, and analysis of fiction and non fiction materials.

ENGLISH 067 WRITING LABORATORY

0.5 Units (Lab 1 Hrs)

Corequisite: English 28

Students practice the writing skills presented in English 28.

ENGLISH 068 READING LABORATORY

0.5 Units (Lab 1 Hrs)

Students can improve their reading comprehension and develop critical reading skills through individual help from instructor, one to one tutoring conferences, group workshops, and computer instruction by practicing previewing, paraphrasing, drawing inferences, and summarizing a chosen text.

ENGLISH 078 WRITING MEMOIR

3 Units (Lec 3 Hrs)

Advisory: English 97, English 6A

Students read full length memoirs by published writers and outline and compose their own memoirs. Students read full length memoirs by published writers create an outline and compose their own memoir.

ENGLISH 094 INTENSIVE GRAMMAR REVIEW

3 Units (Lec 3 Hrs)

Advisory: English 21, English 97

Students learn the parts of speech, grammar, mechanics, sentence style, punctuation, and word usage in English. The students engage in an intensive review of grammar and sentence structure to better prepare them for English 28 or 101.

ENGLISH 097 INTRODUCTION TO COLLEGE ENGLISH AND READING SKILLS

6 Units (Lec 6 Hrs)

Prerequisite: English 20

Students are introduced to English fundamentals in formal academic writing, focusing on basic grammar, reading, and writing skills. There is also an introduction to English grammar, college vocabulary, and academic writing skills as well as instruction in comprehending expository articles, narratives, and college level textbook material.

ENGLISH 101 COLLEGE READING AND COMPOSITION I (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 108

Prerequisite: English 028 or ESL 008

Students develop their skills for writing college level essays that incorporate various documentation styles. Students learn the importance of various fiction and non fiction readings.

ENGLISH 102 COLLEGE READING AND COMPOSITION II (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 108

Prerequisite: English 101

Students study representative works from major genres, to develop close reading and analytical writing skills, and have appreciation and critical understanding of the cultural, historical, and aesthetic qualities of literature. Students study literature and literary criticism in order to develop critical thinking, reading and writing skills beyond the level achieved in English 101. This course emphasizes logical reasoning, analysis, and strategies of argumentation.

ENGLISH 103 COMPOSITION AND CRITICAL THINKING (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

Students further develop their logical, argumentative and analytical thinking and writing skills. The course will utilize various fiction and non fictional readings.

ENGLISH 104 COLLEGE WRITING SKILLS AND SUPPORT

3 Units (Lec 3 Hrs)

Corequisite: English 101

ENG 104 provides instruction in the basic conventions of college essay writing to supplement a concurrent ENG 101 course. In ENG 104, students receive additional support for topics covered in the concurrent ENG 101 course. Pass/No Pass only.

ENGLISH 108 WRITING WORKSHOP (CSU)

0.5 Units (Lab 1 Hrs)

Students enrolled in English 101, 102, and 103 receive additional instruction in writing their college level essays. The lab course will further teach research techniques and proper citation, as well as strategies in organization and support, to revise their papers.

ENGLISH 127 CREATIVE WRITING (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 102

Students receive intensive training in writing poetry, prose fiction, and/or playwriting. Students compose works that are discussed as part of instruction, supplemented by examples of published writers and theoretical essays on the creative process.

ENGLISH 203 WORLD LITERATURE I (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

A reading of key literary works and ideas of the Western world, the Middle East, Africa, and Asia from antiquity to the seventeenth century. The course will require students to recognize and compare readings from different cultures and analyze poetic forms and literary themes significant to the cultures in reasoned analysis.

ENGLISH 204 WORLD LITERATURE II (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

The student will recognize and compare readings from different cultures and synthesize literary forms and themes significant to these cultures in reasoned and cogent analyses. This course is a comparative study of selected works, in translation and in English, of literature from around the world, including Europe, the Middle East, Asia, and other areas, from the mid or late seventeenth century to the present.

ENGLISH 205 ENGLISH LITERATURE I (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 102

Students read, discuss and analyze major works of English literature from the beginnings to the late eighteenth century, to develop an understanding and appreciation of the poetry, fiction, and drama of these literary periods and to express that appreciation in reasoned analyses.

ENGLISH 206 ENGLISH LITERATURE II (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 102

Students read, discuss and analyze major works of English literature from the nineteenth century to the present, to develop an understanding and appreciation of the poetry, fiction, and drama of these literary periods and to express that appreciation in reasoned analyses.

ENGLISH 207 AMERICAN LITERATURE I (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 102

Students read American writers and analyze themes from colonial times to 1865. Besides reading the literary works of major writers, students become acquainted with writers who suggest the diversity of subject and opinion in American literature.

ENGLISH 208 AMERICAN LITERATURE II (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 102

Students read, discuss and analyze major American literature from the Civil War Period to the present, in order to understand, appreciate, and investigate multicultural influences within national identity.

ENGLISH 211 FICTION (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

Students read, discuss, and analyze selected short stories and novels written in, or translated into, English from a diversity of cultures and countries to increase students' understanding and appreciation of the art and craft of fiction writing.

ENGLISH 212 POETRY (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

Students study works by selected poets and background for appreciation of the poetic form, including early verses to 20th and 21st century poetry. Students gain a historical sense and literary appreciation shaped by readings which include reading stylistically and culturally diverse works.

ENGLISH 214 CONTEMPORARY LITERATURE (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

Students read key literary works and ideas of recent mainstream and ethnically diverse literature to develop understanding and appreciation of contemporary culture, through reasoned analyses of its literature.

ENGLISH 215 SHAKESPEARE I (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

The student reads Shakespeare to develop an understanding of and appreciation for his sonnets and representative comedies, histories, and tragedies. Works selected in this class focus on Shakespeare's earlier career.

ENGLISH 216 SHAKESPEARE II (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

Students continue to study Shakespeare's poetry, theater, and drama with a selection of different works of Shakespeare than those used in English 215.

ENGLISH 218 CHILDREN'S LITERATURE (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

In this course, students are introduced to the underlining literary, psychological, and cultural structures of literature written for children. This course focuses on the literary and historical analysis of children's literature with an emphasis on the nature and development of the genre and why this literature takes so many different forms. Some consideration of the various concepts of the child will be included.

ENGLISH 219 THE LITERATURE OF AMERICAN ETHNIC GROUPS (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

Students use critical analysis of the various ethnic American writers who straddle two or more cultures, analyzing in terms of assimilation, acculturation, double and mestiza consciousness and wholeness. Students read and analyze the diversity of conflicting perspectives in novel, autobiography, essay, and poetry in the context of how these writers have defined or challenged concepts of identity, society, and power in past and contemporary American cultures. Students read literary works by African American, American Indian, Asian American, Arab American, Chicano/Latino, and Euro American writers.

ENGLISH 239 WOMEN IN LITERATURE (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

Students become acquainted with the work of women writers, historical and contemporary, who have made important contributions to literature. Writers to be read include Wollstonecraft, Woolf, Chopin, Austen, Cisneros, Butler, Hong Kingston, and Cather, among others. Students are expected to write critical essays and a research paper that examine the predominate themes in path breaking literature by and (to a lesser extent) about women, as well as the various archetypes, images, roles, and statuses of women. Special attention is devoted to traditional literary analysis and interpretation of primary texts through the lens of the various schools of literary criticism.

ENGLISH 240 LITERATURE AND THE MOTION PICTURE I (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

The student will examine the comparative arts of literature and the motion picture, analyzing the inherent conflicts of translation between two different mediums. This includes readings of literary works, both classic and modern, screenings of film versions based upon these literary sources, discussion, and writing of critical papers. The course explores the variations in mediums and the act of translation across mediums.

ENGLISH 252 THE ENGLISH BIBLE AS LITERATURE (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

Students study the principle achievements of the Hebrew and Greek Testaments, analyzing the numerous literary and cultural influences within and of the Bible.

ENGLISH 255 LATIN AMERICAN LITERATURE (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

Students study a selection of significant literary works by Latin American authors. Readings will include selected poems, plays, and fiction by writers such as Pablo Neruda, Galeano, and Jorge Luis Borges, and will explore the themes of magical realism, social engagement, 'la raza cosmica,' and utopian yearnings.

ENGLISH 270 SCIENCE FICTION FANTASY (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

Students read and study works of science fiction, with an emphasis on the use of mythology, science fiction by scientists and non scientists, philosophically oriented science fiction, and science fiction as fantasy and escape literature.

ENGLISH 285 DIRECTED STUDY ENGLISH (CSU)

2 Units (Lec 2 Hrs)

Students pursue directed study in literary analysis, a particular genre or period, or independent research on a contract basis under the direction of a supervising instructor.

ENGLISH 385 DIRECTED STUDY ENGLISH (CSU)

3 Units (Lec 3 Hrs)

Allows students to pursue directed study on a contract basis under the direction of a supervising instructor.

ENVIRONMENTAL SCIENCE (ENV SCI)**ENV SCI 001 INTRODUCTION TO ENVIRONMENTAL SCIENCE (UC/CSU)**

3 Units (Lec 3 Hrs)

This course introduces students to fundamentals of Earth's physical environment, focusing on the scientific principles that relate to human environment interactions. This interaction is explored with regards to the Earth's atmosphere, biosphere, hydrosphere and lithosphere. Issues such as human populations, energy generation and use, pollution, resources, and global climate change are discussed.

ENGLISH AS A SECOND LANGUAGE (ESL)**ESL 002A COLLEGE ESL II: WRITING AND GRAMMAR**

6 Units (Lec 6 Hrs)

Advisory: ESL 2B**Prerequisite:** Placement Exam

Students in this high beginning ESL course learn reading, writing, and grammar skills to prepare them for academic work. The course content emphasizes vocabulary, grammar, and writing through guided and free writing of multi sentence compositions on common subjects. Reading, speaking, and listening activities reinforce writing and grammar development. Required: Eight to ten writing assignments, including at least four compositions of 100 150 words. Prerequisite: Appropriate placement level demonstrated through the assessment process.

ESL 002B COLLEGE ESL II: READING, LISTENING AND SPEAKING

6 Units (Lec 6 Hrs)

Advisory: ESL 2A**Prerequisite:** Placement Exam

Students in this high beginning ESL course learn listening, speaking, reading comprehension and vocabulary skills to prepare for their academic work across the curriculum. This course is designed to start building academic vocabulary and reading skills.

ESL 003A COLLEGE ESL III: WRITING AND GRAMMAR

6 Units (Lec 6 Hrs)

Advisory: ESL 3B, ESL 3C**Prerequisite:** ESL 2A

Students in this low intermediate ESL course learn written composition, grammar, and critical reading skills to prepare them for college work. The emphasis is on writing based on critical reading and personal experience. Grammar skills and mechanics are emphasized throughout each lesson. Required: Eight to ten writing assignments, including at least four paragraphs of 150 250 words. Prerequisite: Completion of ESL 2A with credit, or appropriate ESL placement level demonstrated through the assessment process.

ESL 003B COLLEGE ESL III: READING AND VOCABULARY

3 Units (Lec 3 Hrs)

Advisory: ESL 3A, ESL 3C**Prerequisite:** ESL 2B

Students in this low intermediate ESL course learn reading comprehension, critical reading, and vocabulary skills to prepare for their academic work across the curriculum. This course is designed to build academic language fluency including academic vocabulary.

ESL 003C COLLEGE ESL III: LISTENING AND SPEAKING

3 Units (Lec 3 Hrs)

Advisory: ESL 3A, ESL 3B**Prerequisite:** ESL 2B

Students at the low intermediate ESL level learn skills to improve listening and speaking to prepare them for college work.

ESL 004C COLLEGE ESL IV: LISTENING AND SPEAKING

3 Units (Lec 3 Hrs)

Prerequisite: ESL 3C

Students in this intermediate ESL course improve their listening comprehension and oral fluency to prepare for academic work across the curriculum. Speaking practice includes level appropriate activities such as presentations, discussions, and interviews using academic vocabulary.

ESL 005C COLLEGE ESL V: LISTENING AND SPEAKING (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: ESL 4C

Students in this high intermediate ESL course improve their listening comprehension and oral fluency to prepare for academic work across the curriculum. Speaking practice includes level appropriate activities such as presentations, discussions, and interviews using academic vocabulary.

ESL 006C COLLEGE ESL VI: LISTENING AND SPEAKING (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: ESL 5C

Students in this low advanced ESL course improve their listening comprehension and oral fluency to prepare for academic work across the curriculum. Speaking practice includes level appropriate activities such as presentations, discussions, and debates using academic vocabulary.

FAMILY AND CONSUMER STUDIES (FAM &CS)**FAM &CS 021 NUTRITION (UC/CSU)**

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students learn the scientific concepts of nutrition in a lecture interactive format evaluating how lifestyle, diet, food/nutrition/nutrient excess and deficiencies; phytochemicals; food safety; food technology affect diseases and assessment of nutrition in human development from conception through maturity. Personal dietary assessment, synthesizing data from computerized dietary program and family tree, appraises nutritional disease risk factors. Students evaluate excesses and deficiencies and construct practices that establish and maintain a healthy lifestyle and result in a healthier mind, healthier nutritional eating practices, enhancing the spirit and nourishing the body.

FAM &CS 024 FOOD PREPARATION (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Advisory: English 028, English 067

Students are introduced to the scientific fundamentals of food preparation in both lecture and laboratory format. Scientific principles of food preparation are emphasized using current technology. The role of food in cultures, nutrition, and the economy are integrated into meal planning and preparation.

FAM &CS 031 MARRIAGE AND FAMILY LIFE (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Interpersonal growth and rewarding relationships are explored over the course of the family life cycle. Examines the impact of social, psychological and economic forces that affect the family.

FAM &CS 050 SANITATION AND SAFETY (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students learn basic principles of sanitation and safety including the types of microorganisms that cause foodborne illness, foodborne infections, toxin mediated infection, and intoxication. Class includes discussion of environmental conditions including food hazards, contamination, cross contamination, time and temperature, and personal food handler practices that cause sanitation/safety risks. U.S. Food Code regulations, California state and Los Angeles County Environmental Health Department regulations and a HACCP system of food safety will help define the role of food, people, and facility in managing a sanitary food facility operation. Emphasis on the importance of proper employee food safety training practices as related to the providing of safe food are core competencies of this class.

FAM &CS 051 FOOD PRODUCTION MANAGEMENT (CSU)

3 Units (Lec 3 Hrs)

*Advisory: Math 105, Learning Skills 10A,B,C, English 067**Corequisite: Fam &Cs 151*

Students are introduced to menu analysis for food requisitioning, food production planning and implementation. Basic principles of quantity cooking are emphasized.

FAM &CS 052 FOODSERVICE MANAGEMENT (CSU)

3 Units (Lec 3 Hrs)

*Advisory: English 028, English 067**Prerequisite: Fam &Cs 51, Fam &Cs 55*

Current concepts in food service management are presented in a lecture/discussion format. The course focuses on the systems approach to food service management, including the menu, food purchasing, personal management, facility management, fiscal management, marketing, and information systems.

FAM &CS 055 DIETETIC EDUCATION (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students will be introduced to careers in dietetics and food service. The application of communication skills to training, counseling, and education will be studied.

FAM &CS 056 NUTRITION DELIVERY SYSTEMS (CSU)

3 Units (Lec 3 Hrs)

*Advisory: English 021, Math 105, Learning Skills 010**Corequisite: Fam &Cs 156*

The student learns an introduction to nutrition delivery systems and institutional menu diet modifications. The student will study medical nutrition therapy and how to modify diets for particular diseases. State and federal regulatory guidelines for food service are studied.

FAM & CS 151 FOOD PRODUCTION MANAGEMENT LABORATORY (CSU)

2 Units (Lab 5 Hrs)

Advisory: Math 105, Learning Skills 10A,B,C, English 067

Corequisite: Fam & Cs 151

Students receive supervised practice in food requisitioning, food production planning, and quantity food production in a clinical laboratory.

FAM & CS 156 NUTRITION DELIVERY SYSTEMS LABORATORY (CSU)

2 Units (Lab 5 Hrs)

Advisory: Math 105, Learning Skills 10A,B,C, English 067

Corequisite: Fam & Cs 56

The student completes supervised practice at a long term care facility in nutritional services. Nutrition delivery systems are evaluated according to state and federal regulatory guidelines. Student shadows a Dietetic Service Supervisor and increasingly contributes as a supervised member of the health care team.

FINANCE (FINANCE)

FINANCE 002 INVESTMENTS (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students receive the essentials of the principles of investment, the various types of investments, the operations of investment markets, and sources of information.

FINANCE 008 PERSONAL FINANCE AND INVESTMENTS (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students receive and apply the principles of accounting, banking, finance, office methods, management, and production, to one's personal affairs. Family budgeting, consumer credit, home ownership, life and property insurance, investments and savings plans, social security and retirement plans.

FINANCE 015 PRINCIPLES OF BANKING (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

This course is designed to provide an understanding of the basic functions of banking and a working knowledge of the operation of the bank.

FRENCH (FRENCH)

FRENCH 001 ELEMENTARY FRENCH I (UC/CSU)

5 Units (Lec 5 Hrs)

Lecture 5 hours Elementary course for student without prior exposure to French. Develops speaking, writing, listening, and reading skills in French at the ACTFL Proficiency Novice Mid Level, and introduces French culture. Satisfies Humanities requirement for graduation.

FRENCH 002 ELEMENTARY FRENCH II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: French 001

Lecture 5 hours Prerequisite: French 1 or French 22 with a satisfactory grade or equivalent Continues the development of elementary speaking, writing, listening, and reading skills in French at the ACTFL Proficiency Novice High Level, and further understanding of French culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

FRENCH 003 INTERMEDIATE FRENCH I (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: French 002

Lecture 5 hours Prerequisite: French 2 with a satisfactory grade or equivalent Development of intermediate French in speaking, writing, listening, and reading skills at the ACTFL Proficiency Intermediate Mid Level, and practices interpreting French culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

FRENCH 004 INTERMEDIATE FRENCH II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: French 003

Lecture 5 hours Prerequisite: French 3 with a satisfactory grade or equivalent Continues the development of intermediate French in speaking, writing, listening, and reading skills at the ACTFL Proficiency Intermediate High Level and utilize knowledge of French culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

FRENCH 008 CONVERSATIONAL FRENCH (UC/CSU)

2 Units (Lec 2 Hrs)

Prerequisite: French 002

Students develop the ability to express ideas orally in French. The students focus on conversational skills needed in everyday situation that a person may encounter when traveling or living in French speaking countries, or when interacting with French speaking people in the United States.

FRENCH 010 FRENCH CIVILIZATION (UC/CSU)

3 Units (Lec 3 Hrs)

Lecture 3 hours Open to all students. Course taught in English. Focuses on the history, culture, traditions and arts of France and its people. The contribution of France to world civilization is examined. Satisfies Humanities requirement for graduation.

FRENCH 021 FUNDAMENTALS OF FRENCH I (UC/CSU)

3 Units (Lec 3 Hrs)

Lecture 3 hours Fundamental course for students without prior exposure to French. Develops speaking, writing, listening, and reading skills in French at the ACTFL Proficiency Novice Low Level, and raises awareness about French culture. French 21 and French 22 together are equivalent to French 1. Both French 21 and French 22 must be taken for UC:CSU credit.

GEOGRAPHY (GEOG)

GEOG 001 PHYSICAL GEOGRAPHY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students learn about basic scientific principles of geography such as Earth Sun relationships, weather, climate, water, plate tectonics, landforms, soil, and the biosphere. Emphasis is on the interrelationships among physical systems and processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered; they may include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS). Optional field trips are offered.

GEOG 002 CULTURAL ELEMENTS OF GEOGRAPHY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students learn about diverse human populations in the context of the globe, including the description, analysis, and explanation of demography, migration, folk and popular culture, language, religion, ethnicity, political geography, development, agriculture, industry, economic activities, urban areas, and resource utilization. Special emphasis is placed on contemporary issues such as the effects of globalization and the impact of human settlements on the natural environment. Students also learn basic geographic literacy and map reading.

GEOG 014 GEOGRAPHY OF CALIFORNIA (CSU)

3 Units (Lec 3 Hrs)

This course surveys the physical and cultural landscapes of California with emphasis on human environment interaction and the spatial patterns of natural, socio political, economic and demographic forces that have shaped the state. This course examines historical and current trends in climate, human population, cultural diversity, migration, and settlement patterns. Distinctive high tech industries, iconic urban areas, resource use, transportation routes, and trade are assessed with an emphasis on the profound interconnections between these subjects, on California's diversity, and on the rapid change that is transforming our people and its landscapes. As the most populous state, there will be focus on the ongoing role of its residents in constructing the identity of the 21st Century Californian.

GEOG 015 PHYSICAL GEOGRAPHY LABORATORY (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Advisory: English 028, English 067

Corequisite: Geography 001

Prerequisite: Geography 001

This course is designed to provide supplemental exercises in topics covered in Physical Geography lecture (Geography 1). Students learn to analyze and interpret maps, including weather maps and topographic maps, as well as perform hands on exercises that explore Earth Sun relationships, atmospheric energy transfer, pressure and moisture, climate and biogeography, plate tectonics and volcanoes, and landforms.

GEOLOGY (GEOLOGY)

GEOLOGY 001 PHYSICAL GEOLOGY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students learn: the scientific method and significant historical developments in geological sciences; formation of Earth materials, including minerals, igneous rocks, sedimentary rocks, and metamorphic rocks; geological time, including relative dating, absolute dating, and fossil correlation; Earth's internal processes, including plate tectonics, earthquakes, volcanism and magmatism, mountain building, geological structures, and metamorphism; Earth's external processes, including weathering, erosion, sedimentation, mass wasting, groundwater, surface water, and climate systems; and renewable and nonrenewable resources, including water and fossil fuels.

GEOLOGY 002 EARTH HISTORY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028

Students receive an introduction to the geological history of Earth and its inhabitants, with emphasis on the evolution of life and landforms of North America. Topics include how Earth processes produce and alter landforms, climate, and energy and water resources on which humans depend; significant tectonic events, such as mountain building episodes; and the evolutionary history of life on Earth, including plants, fish, dinosaurs, mammals, and humans. Multimedia presentations are used throughout the course. Field trips will be taken.

GEOLOGY 006 PHYSICAL GEOLOGY LABORATORY (UC/CSU)

1 Units (Lec 1 Hrs / Lab 2 Hrs)

Advisory: English 028, English 067

Corequisite: Geology 001

Prerequisite: Geology 001

Students learn: the scientific method; identification of minerals and rocks; topographic and geologic map skills, including changing map scales using dimensional analysis and interpretation of geological structures in map view and cross section; stratigraphic interpretation of sea level change; coastal sedimentary processes; determination of the location and magnitude of earthquakes; geological time and important geological events; and energy and mineral resources. Field trip will be taken.

GEOLOGY 007 EARTH HISTORY LABORATORY (CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Corequisite: Geology 002

Prerequisite: Geology 002

Students learn fundamental principles of historical geology and the geological history of Earth and its inhabitants, with emphasis on North America. Laboratory topics include: relative and radiometric dating; analysis of sedimentary rocks, depositional environments, and facies relationships; correlation and stratigraphy; fossils, fossilization, and evolution; organization and interpretation of geological information, including geological maps and cross sections; Precambrian (Archean and Proterozoic Eons) geology; Phanerozoic (Paleozoic, Mesozoic, and Cenozoic Eras) geology; and Hominin fossils. Field trips may be taken.

HEALTH (HEALTH)

HEALTH 002 HEALTH AND FITNESS (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

The students will determine the components of a healthy physical and psychological lifestyle, with an emphasis on disease prevention, including violence/abuse, nutrition, sexuality, reproduction, drugs, alcohol, tobacco, aging, stress management, and weight control. During the physical fitness segment, students participate in aerobic, flexibility, and strengthening activities, focusing on individual improvement. Students assess their fitness status to build their own fitness plan.

HEALTH 008 WOMEN'S PERSONAL HEALTH (UC/CSU)

3 Units (Lec 3 Hrs)

The student will investigate both physiological and psychological health issues that are unique to women, including, nutrition, hygiene, sexuality, reproduction, drug use, violence and abuse, and diseases common to women.

HEALTH 011 PRINCIPLES OF HEALTHFUL LIVING (UC/CSU)

3 Units (Lec 3 Hrs)

This course focuses on the exploration of major health issues and behaviors in the various dimensions of health. Emphasis is placed on individual responsibility for personal health and the promotion of informed, positive health behaviors. This course does not focus on the vocational aspects of the public health field and instead looks at the connection between personal behavior and its correlation with disease prevention. Topics include nutrition, exercise, weight control, mental health, stress management, violence, substance abuse, reproductive health, disease prevention, aging, healthcare, and environmental hazards and safety.

HEALTH 012 SAFETY EDUCATION AND FIRST AID (UC/CSU)

3 Units (Lec 3 Hrs)

Students receive the theory and a detailed demonstration of the first aid care of the injured. This course covers how to assess a victim's condition and incorporate proper treatment. Standard first aid, CPR, and AED certification(s) will be granted upon successful completion of requirements.

HEALTH 021 HUMAN SEXUALITY (CSU)

3 Units (Lec 3 Hrs)

This course provides a comprehensive introduction to the cultural, behavioral, biological and psychosocial aspects of human sexuality. This course prepares students for working in the public health field and an emphasis is put on the societal implications and sexual health behavior. Topics presented include acquired immune deficiency syndrome and other sexually transmitted diseases, as well as sexual variance and dysfunction, and sexuality throughout the human life cycle.

HEALTH 101 INTRODUCTION TO PUBLIC HEALTH (UC/CSU)

3 Units (Lec 3 Hrs)

This course provides an introduction to the discipline of Public Health. Students will gain an understanding of the basic concepts and terminologies of public health, and the history and accomplishments of public health officials and agencies. An

overview of the functions of various public health professions and institutions, and an in depth examination of the core public health disciplines is covered. Topics of the discipline include the epidemiology of infectious and chronic disease; prevention and control of diseases in the community including the analysis of the social determinants of health and strategies for eliminating disease, illness and health disparities among various populations; community organizing and health promotion programming; environmental health and safety; global health; and health care policy and management.

HISTORY (HISTORY)

HISTORY 001 INTRODUCTION TO WESTERN CIVILIZATION I (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 021

Students learn about the development of western culture and civilization to the Reformation.

HISTORY 002 INTRODUCTION TO WESTERN CIVILIZATION II (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 021

The student learns the history of Western Civilization focusing on the period from the French Revolution to the present.

HISTORY 003 HISTORY OF ENGLAND AND GREAT BRITAIN I (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

The student learns the history of British culture, emphasizing social, political, and economic issues from earliest times to 1500.

HISTORY 004 HISTORY OF ENGLAND AND GREAT BRITAIN II (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

The student learns the history of British culture, emphasizing social, political, and economic issues from 1500 to the present.

HISTORY 007 THE WORLD'S GREAT RELIGIONS (UC/CSU)

3 Units (Lec 3 Hrs)

Confucianism, Taoism, and the Abrahamic Religions Judaism, Christianity, Islam.

HISTORY 011 POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES I (UC/CSU)

3 Units (Lec 3 Hrs)

Survey of U.S. history from the European colonization of North America and of the United States through Reconstruction.

HISTORY 012 POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES II (UC/CSU)

3 Units (Lec 3 Hrs)

Students survey study of the social and political history of the United States from the Reconstruction era to the present, focusing not only on political and social developments in

the history of the United States but also on economic and cultural developments, and analyzing changes in both the United States' domestic policies and its ongoing and changing role in international affairs.

HISTORY 013 THE UNITED STATES IN THE TWENTIETH CENTURY (UC/CSU)

3 Units (Lec 3 Hrs)

Students learn to explain and analyze the main events, personalities, and themes of the social and political history of the U.S. in the 20th & 21st centuries by focusing on their overall impact on United States history, (i.e. cultural, political, and social movements), including a discussion of the country's central institutions.

HISTORY 059 COMPARATIVE HISTORY OF GENOCIDE & WAR CRIMES (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

The student learn the comparative history of genocide and war crimes in the 20th century and the legal instruments and organizations that have attempted to criminalize acts that fit within the definitions of genocide under international law. Students will also learn the comparative history of cultural conflict (identity), race & racism, and nationalism.

HISTORY 073 RACE & RACISM IN UNITED STATES HISTORY (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 021

Students learn how race has developed as a legal and social category in the United States, as well as learning about the interactions among diverse ethnic groups in the U.S. Students investigate how racism has affected intercultural collaboration and confrontation. Students compare and contrast diverse racial and ethnic experiences in the United States.

HISTORY 081 A HISTORY OF WORKING PEOPLE IN THE UNITED STATES I (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101, English 067

The student learns the history of working people in the United States from the colonial period through Reconstruction. Colonial life, the Revolutionary War, the early republic, the market revolution, the rise of urban America, westward expansion, the Civil War, and Reconstruction are examined from the perspective of indentured servants, slaves, farmers, skilled and unskilled laborers, and male and female workers.

HISTORY 082 A HISTORY OF WORKING PEOPLE IN THE UNITED STATES II (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101, English 067

The student learns the history of working people in the United States from Reconstruction to the present. Reconstruction, the Gilded Age and Progressive Era, immigration, imperialism, the Twenties, the Great Depression and New Deal, the World Wars, the Cold War and the Fifties, the Sixties, the conservative shift, and globalization are examined from the perspective of people from diverse social groups.

HISTORY 086 INTRODUCTION TO WORLD CIVILIZATION I (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 028

Traces the development and interrelationships of world civilizations, their cultural traditions, and their contributions from the earliest times to 1500.

HISTORY 087 INTRODUCTION TO WORLD CIVILIZATION II (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 028

Traces the development and interrelationships of the major world civilizations and their cultural traditions and contributions from the era of European expansion in the sixteenth century to the present. Note: HIST 86 is not a prerequisite for this course. Students may take HIST 87 without taking HIST 86.

HISTORY 385 DIRECTED STUDY HISTORY (CSU)

3 Units (Lec 3 Hrs)

Students study History on a contract basis under the direction of a supervising instructor.

HUMANITIES (HUMAN)

HUMAN 006 GREAT PEOPLE, GREAT AGES (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students receive an introduction to ideas and methods in the Humanities. The course explores the way in which individuals and groups create meaning in their lives and in the world around them.

HUMAN 008 GREAT WOMEN IN THE HUMANITIES (UC/CSU)

3 Units (RPT 1) (Lec 3 Hrs)

Advisory: English 028, English 067

Students are introduced to the lives and times of great women from ancient times to the modern era.

HUMAN 030 THE BEGINNINGS OF WESTERN CIVILIZATION (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students receive an introduction to Ancient Cultures and World Religions. The course explores the foundational texts, art and ideas of ancient India, China, the Middle East, Egypt and Greece.

HUMAN 031 PEOPLE IN CONTEMPORARY SOCIETY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students are introduced to the contemporary cultural encounters between the various world cultures including Europe, the Americas, Asia, and Africa. Rather than a historical survey, specific historical case studies are examined.

HUMAN 061 PEOPLE AND THEIR WORLD: THE CREATIVE PROCESS (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Students explore contemporary arts, literature, and popular culture. Students employ a range of analytic frameworks, including how the creative process is generated through myth and dreams as well as how race, class, gender, and sexuality are portrayed in popular culture.

INTERNATIONAL BUSINESS (INTBUS)
INTBUS 001 INTERNATIONAL TRADE (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Business 001

Students gain an understanding of international business, the dynamics between developed and developing countries, recent trends, how and why the world's countries differ, and implications to managers of international companies. The principles of international trade, including the central tenets of globalization, the new world order in the global economy, and the institutions that govern global trade will be covered. Topics include: globalization, foreign direct investment, political economies, regional economic integration, foreign exchange market, international monetary system, global capital markets, strategies of international organizations, and exporting, importing and counter trade.

INTBUS 003 EXPORT PROCEDURES I (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Intbus 001

The student identifies, defines, and explains that which is required by the United States regulatory agencies to export from the United States. Emphasis will be placed on how to determine if a commodity is acceptable for export and how to prepare the proper documentation required by the country of destination.

INTBUS 004 IMPORT PROCEDURES I (CSU)

3 Units (Lec 3 Hrs)

Advisory: Intbus 001

The student learns how to identify, define, and explain the United States regulatory agencies requirements to import to the United States. Emphasis will be placed on how to determine what duties commodities might be subject to and how to prepare and present to the Bureau of Customs the shipment and its document.

INTBUS 005 PAYMENT INSTRUMENTS AND PROCEDURES I

3 Units (Lec 3 Hrs)

Advisory: Business 001, Intbus 001

The student learns how to arrange and receive payment for merchandise shipped from one country to another. Topics covered include how to prepare and fill out documents. Also included is information regarding credit and political risk insurance.

INTBUS 006 INTERNATIONAL MARKETING I (CSU)

3 Units (Lec 3 Hrs)

Student is focused on how to get foreign customers for American made products, how to identify prospective customers, how to make contact and how to sell the product. Variables include: culture, trade customs, politics, climate, wealth, business and government structures and international law.

ITALIAN (ITALIAN)
ITALIAN 001 ELEMENTARY ITALIAN I (UC/CSU)

5 Units (Lec 5 Hrs)

Lecture 5 hours Elementary course for student without prior exposure to Italian. Develops speaking, writing, listening, and reading skills in Italian at the ACTFL Proficiency Novice Mid Level, and introduces Italian culture. Satisfies Humanities requirement for graduation.

ITALIAN 002 ELEMENTARY ITALIAN II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Italian 001

Lecture 5 hours Prerequisite: Italian 1 with a satisfactory grade or equivalent Continues the development of elementary speaking, writing, listening, and reading skills in Italian at the ACTFL Proficiency Novice High Level, and furthers understanding of Italian culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

ITALIAN 010 ITALIAN CIVILIZATION (UC/CSU)

3 Units (Lec 3 Hrs)

Lecture 3 hours Open to all students. Course taught in English. Focuses on the history, culture, traditions and arts of Italy and its people. The contribution of Italy to world civilization is examined. Satisfies Humanities requirement for graduation.

JAPANESE (JAPAN)
JAPAN 001 ELEMENTARY JAPANESE I (UC/CSU)

5 Units (Lec 5 Hrs)

Lecture 5 hours Elementary course for student without prior exposure to Japanese. Develops speaking, writing, listening, and reading skills in Japanese at the ACTFL Proficiency Novice Mid Level, and introduces Japanese culture. Satisfies Humanities requirement for graduation.

JAPAN 002 ELEMENTARY JAPANESE II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Japan 001

Lecture 5 hours Prerequisite: Japanese 1 or Japanese 22 with a satisfactory grade or equivalent Continues the development of elementary speaking, writing, listening, and reading skills in Japanese at the ACTFL Proficiency Novice High Level, and furthers understanding of Japanese culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

JAPAN 003 INTERMEDIATE JAPANESE I (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Japan 002

Lecture 5 hours Prerequisite: Japanese 2 with a satisfactory grade or equivalent Development of intermediate Japanese in speaking, writing, listening, and reading skills at the ACTFL Proficiency Intermediate Mid Level, and practices interpreting Japanese culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

JAPAN 004 INTERMEDIATE JAPANESE II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Japan 003

Lecture 5 hours Prerequisite: Japanese 3 with a satisfactory grade or equivalent Continues the development of intermediate Japanese in speaking, writing, listening, and reading skills at the ACTFL Proficiency Intermediate High Level and utilize knowledge of Japanese culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

JAPAN 008 ELEMENTARY CONVERSATIONAL JAPANESE (UC/CSU)

2 Units (Lec 2 Hrs)

Prerequisite: Japan 002

The students focus on conversational skills revolving around everyday situations that a person encounter when traveling or living in Japanese speaking environment.

JAPAN 009 JAPANESE CIVILIZATION (UC/CSU)

3 Units (Lec 3 Hrs)

Lecture 3 hours Open to all students. Course taught in English. Focuses on the history, culture, traditions and arts of Japan and its people. The contribution of Japan to world civilization is examined. Satisfies Humanities requirement for graduation.

JAPAN 021 FUNDAMENTALS OF JAPANESE I (CSU)

3 Units (Lec 3 Hrs)

Lecture 3 hours Fundamental course for students without prior exposure to Japanese. Develops speaking, writing, listening, and reading skills in Japanese at the ACTFL Proficiency Novice Low Level, and raises awareness about Japanese culture. Japanese 21 and Japanese 22 together are equivalent to Japanese 1. Both Japanese 21 and Japanese 22 must be taken for UC:CSU credit.

JAPAN 022 FUNDAMENTALS OF JAPANESE II (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Japanese 021

Students learn the fundamentals of pronunciation and grammar, basic vocabulary, useful phrases; reading and writing with Romanized alphabet and Japanese scripts, basic facts on the geography, customs and culture of Japan. Corresponds to the first year of high school Japanese. Japanese 21 and Japanese 22 together are equivalent to Japanese 1. Prerequisite: Japanese 21 with a satisfactory grade or equivalent.

JAPAN 069 JAPANESE THROUGH INTERNET AND MULTIMEDIA (CSU)

2 Units (Lab 4 Hrs)

Prerequisite: Japan 001

Japanese through Internet and Multimedia is a course designed to supplement and enhance students' skills in Japanese language by providing an introduction to tutorials, self help websites, and other resource materials that enable students to perform everyday functions, translations, searches, and social interactions online in Japanese. Students will develop critical reading, writing, and computer skills in Japanese which will be necessary for their success in both Japanese language courses and future careers/vocations.

JOURNALISM (JOURNAL)**JOURNAL 101 COLLECTING AND WRITING NEWS (CSU)**

3 Units (Lec 3 Hrs)

Prerequisite: English 028, English 067

Students learn the principles of collecting and writing the news, and the basics of Associated Press Style. Students survey the history and foundation of the press in America. Curriculum connects theory with meaningful activity and practice. Course covers news conferences, speeches and other events, including an introduction to broadcast writing, multimedia and social media. The course includes an examination of freedom of the press and a critical analysis of its responsibilities. Students examine legal issues, press ethics and ethical dilemmas.

JOURNAL 105 MASS COMMUNICATIONS (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 028, English 067

Students examine America's mass communication systems and learn how they affect human behavior in relation to social, political and economic institutions. Students learn the structure and function of media in the digital age. Students learn and discuss media literacy and mass communication theories, as well as public relations practice, the history of advertising and the evolution of the Internet. Survey of factors that influence the creation and distribution of media messages, and the impact of those messages on society.

JOURNAL 185 DIRECTED STUDY JOURNALISM (CSU)

1 Units (Lec 1 Hrs)

The student learns to work independently and produce content in Directed Study under the direction of a supervising instructor.

JOURNAL 217-1 PUBLICATION LABORATORY I (CSU)

2 Units (Lab 6 Hrs)

In this beginning level course, students learn introductory newspaper production techniques through the publication of the campus newspaper, including newspaper design, layout, graphic techniques, and materials. Student reporters, editors, photographers and other visual journalists receive practical instruction in basic production and publication. Deadlines and real world working conditions are stressed.

JOURNAL 217-2 PUBLICATION LABORATORY II (CSU)

2 Units (Lab 6 Hrs)

Prerequisite: Journalism 217 1

In this intermediate level course, students learn to identify relevant editorial topics and produce content for the opinion/editorial section, through the publication of the campus newspaper, the Collegian. Reporters, photographers and cartoonists learn to collaborate at the intermediate level in order to produce effective staff editorials and editorial cartoons or other images. Students also produce content for the news section, and learn to create style sheets and dummy pages for the graphic design of the op/ed section. Students adhere to strict deadlines.

JOURNAL 217-3 PUBLICATION LABORATORY III (CSU)

2 Units (Lab 6 Hrs)

Prerequisite: Journalism 217 2

In this advanced course, students learn newspaper production techniques, and adapt print work to the Internet. Advanced students produce stories for the print edition of the campus newspaper and also contribute content to the newspaper's digital site, Collegian Wired. Students focus on introductory vertical reporting skills that may include photography, videography, broadcast editing, broadcast reporting and print reporting. Students learn to generate ideas for photo essays, graphics centerpieces and bar charts. Student reporters focus on series and investigative reporting techniques.

JOURNAL 217-4 PUBLICATION LABORATORY IV (CSU)

2 Units (Lab 6 Hrs)

Prerequisite: Journalism 217 3

Students learn professional level newspaper production techniques through the publication of the campus newspaper, the Collegian with an emphasis on mobile journalism and social media. At the professional level, students write for the Collegian and practice the skills necessary to work across social media, broadcast and print platforms. At the professional level, all students publish blogs, and create online portfolios.

JOURNAL 218-1 PRACTICAL EDITING I (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Prerequisite: Journalism 101

In this beginning course, students learn editing fundamentals through the publication of the campus newspaper, the Collegian. This includes basic copy editing, writing headlines and cropping photographs. Editors evaluate and discuss issues of the newspaper in regularly scheduled critique sessions following publication.

JOURNAL 218-2 PRACTICAL EDITING II (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Prerequisite: Journalism 218 1

Students learn intermediate newspaper editing skills through the publication of the campus newspaper, the Collegian. Editors check facts, spelling, grammar and Associated Press style for all copy. Improve stories and oversee major revisions. Collaborate with news design staff, photographers and reporters. Create style sheets and dummy pages for upcoming issues.

JOURNAL 218-3 PRACTICAL EDITING III (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Prerequisite: Journalism 218 2

In this course, students practice advanced newspaper editing skills through the publication of the campus newspaper, the Collegian. Students edit reporter work for grammar, punctuation, clarity and Associated Press Style. Student editors craft headlines and cutlines, and also practice editing skills across other platforms, including broadcast and the web. Editors learn front page design software, and focus on copy flow and newsroom organization. Published work is critiqued in regularly scheduled class meetings.

JOURNAL 218-4 PRACTICAL EDITING IV (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Prerequisite: Journalism 218 3

Students learn professional level newspaper writing and copy editing through the publication of the campus newspaper, the Collegian. Students develop news management skills essential to the demands of evolving media. Editors master Associated Press Style and learn newsroom techniques to improve broadcast, online, multimedia and social media content. Editors review and critique all content in regularly scheduled class meetings.

JOURNAL 219-1 TECHNIQUES FOR STAFF EDITORS I (CSU)

1 Units (Lab 3 Hrs)

Prerequisite: Journalism 101

In this beginning course, students learn practices in editorial writing and analysis, while working as editors on the campus newspaper, The Collegian. Students also learn newsroom leadership skills and how to formulate editorial policy. Student learn to be accountable for what they publish. They also learn to respond to feedback from readers, including letters to the editor.

JOURNAL 219-2 TECHNIQUES FOR STAFF EDITORS II (CSU)

1 Units (Lab 3 Hrs)

Prerequisite: Journalism 219 1

In this course, student editors receive intermediate instruction in editorial writing and analysis of editorial problems. Students survey research methods. Students learn newsroom leadership skills and how to formulate editorial policy. Students set advertising and editorial policy.

JOURNAL 219-3 TECHNIQUES FOR STAFF EDITORS III (CSU)

1 Units (Lab 3 Hrs)

Prerequisite: Journalism 219 2

In this course, students learn advanced techniques for managing and producing the student newspaper, the Collegian. Students focus on newsroom operations and staff hierarchy. Editors learn planning techniques and establish reporting guidelines. At this level, editors analyze coverage during regular meetings and implement changes to improve print and online content. Students master real newsroom techniques and practices, and learn to produce under intense deadline pressure.

JOURNAL 220 MAGAZINE PRODUCTION (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Students will learn the theory and practice of planning and producing a print magazine. This includes pre press production, budgeting, writing, editing and publishing a magazine that includes social media, photography and broadcast components. Unity of design and artistic principles are stressed to produce compelling pages. Students also focus on the selection and use of typographic fonts in layout and design. Students learn to create production schedules, and to work closely with the printer to stay on budget to produce the most compelling edition possible of the Collegian Times.

JOURNAL 220-1 MAGAZINE PRODUCTION 1 (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: Journalism 101

Students will learn basic theory and practice of the planning and production of a print magazine. This beginning magazine production course includes pre press production, story and image budgeting, as well as how to write, edit and publish a magazine. Unity of design and artistic principles are stressed to produce compelling pages. Students also focus on the selection and use of typographic fonts in layout and design. Students learn to create production schedules, and they learn to work closely with the printer to stay on budget to produce the most compelling edition possible of the Collegian Times.

JOURNAL 285 DIRECTED STUDY JOURNALISM (CSU)

2 Units (Lec 2 Hrs)

The student learns to work independently and produce content in Directed Study under the direction of a supervising instructor.

KINESIOLOGY (KIN)**KIN 045 ADAPTED FITNESS (UC/CSU)**

1 Units (Lab 2 Hrs)

Students with verified disabilities perform exercises as part of an individualized training program to improve cardiovascular fitness, muscular fitness, and flexibility.

KIN 180 MARATHON TRAINING COURSE FOR RUN/WALK (UC/CSU)

1.5 Units (Lab 4 Hrs)

Students develop an understanding of cardiovascular endurance and specificity of training for marathons using a variety of tempo run/walks. Students utilize and understand aerobic and anaerobic energy systems and when each is used. Race analysis and race psychology are also explained along with proper hydration and nutrition.

KIN 185 DIRECTED STUDY KINESIOLOGY (CSU)

1 Units (Lec 1 Hrs)

Students pursue directed studies in Kinesiology on a contract basis, under the direction of a supervising instructor.

KIN 201-1 SWIMMING SKILLS I (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn intermediate swimming skills. Skills for each stroke include kicking, arm stroke, proper breathing techniques, body position and rhythm of stroke. The student also learn water safety skills.

KIN 202 LAP SWIMMING SKILLS (UC/CSU)

1 Units (Lab 2 Hrs)

Advanced swimmers improve their speed, strength, and endurance. Instructor directs organized, challenging workouts with all four competitive strokes. Students should be able to swim 50 yards, without stopping, in deep water using the freestyle stroke and rotary breathing. At the first pool session, students' swimming ability will be assessed to ensure minimum skills for participation.

KIN 205 WATER POLO SKILLS (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn ball handling, game strategy, shooting, defense, offense, counter attack, and game management. Instruction includes progressive skills attainment.

KIN 206 DIVING SKILLS (UC/CSU)

1 Units (Lab 3 Hrs)

Students learn the theory and practice of diving drills necessary to use the one meter diving board. Demonstration and instruction on the five categories of basic dives, a front approach, the back take off, jumps, line ups, dry land conditioning exercises and drills, and work toward building a five dive list is covered.

KIN 215-1 JUDO SKILLS I (UC/CSU)

1 Units (Lab 3 Hrs)

Students learn fifteen throwing techniques, five pinning techniques, and two constriction techniques, as well as the history and etiquette of judo.

KIN 215-2 JUDO SKILLS II (UC/CSU)

1 Units (Lab 3 Hrs)

Prerequisite: Kinesiology 215 1

Students apply the techniques of judo to a moving opponent. Students practice five throwing techniques, five pinning techniques, five constriction techniques and two arm locks.

KIN 215-3 JUDO SKILLS III (UC/CSU)

1 Units (Lab 3 Hrs)

Prerequisite: Kinesiology 215

Students learn the competitive rules of the International Judo Federation. Additionally students learn five new throwing techniques, five new pinning techniques, two new arm locks, and five new construction techniques, all of which are applied while attacking and defending simultaneously while randomly moving about the competition area.

KIN 217 SELF DEFENSE SKILLS (UC/CSU)

1 Units (Lab 2 Hrs)

The student develops the basic skills of self defense, beginning with lateral movement, strength and cardiovascular fitness, agility and awareness of self in one's environment. The basic skills include striking, kicking, blocking, throwing, grappling, and other techniques. Additionally, legal and moral issues of self defense are discussed.

KIN 229 BODY CONDITIONING SKILLS (UC/CSU)

1 Units (Lab 2 Hrs)

Students participate in a variety of vigorous exercises for increasing cardiovascular fitness, muscular strength, and flexibility. Various modes of aerobic exercises are emphasized in support of the cross training concept. Resistance training using fixed weight of moderate to high intensity is used to develop muscular strength in all major muscle groups. Flexibility training is also emphasized to enhance skeletal range of motion. Information on exercise methods and principles, the physiology of the human body, fitness evaluation methodologies, and nutrition education.

KIN 230 CARDIOKICKBOXING SKILLS (UC/CSU)

1 Units (Lab 3 Hrs)

Students learn a non contact aerobic activity designed to teach basic kicking and punching techniques to improve overall fitness and increase bio mechanics training including: cardiorespiratory endurance, muscular strength and endurance, flexibility, and body composition. Weights, steps, and callisthenic exercises may also be utilized.

KIN 237 BOOT CAMP I (UC/CSU)

1 Units (Lab 3 Hrs)

Students learn and apply low intensity style boot camp class activities along with nutrition and diet assessments. Students learn training exercises like basic aerobic and anaerobic conditioning, muscular strength, resistance and endurance training, and also individual and team concepts. In addition, students are challenged to understand and apply basic fitness principles, basic anatomy and physiology, the prevention of training injuries, target heart rate and the intensity of exercise as well as nutrition for fitness. Students train individually, with a partner or in a team setting.

KIN 246 BODY SCULPTING SKILLS (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn techniques for body sculpting to achieve cardiovascular fitness, flexibility, muscle toning and endurance. Students will utilize exercise bands, core strength training on mats, weights, stability balls, medicine balls, kettle bells, and other activities are used to increase cardiac output and overall lean muscle mass.

KIN 249-1 STRESS MANAGEMENT TECHNIQUES THROUGH MOVEMENT I (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn techniques for managing stress through movement, dance therapy, dance meditation, authentic movement studies, breathing exercises, yoga, physical therapy and varied relaxation exercises.

KIN 249-2 STRESS MANAGEMENT TECHNIQUES THROUGH MOVEMENT II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Kinesiology 249 1, Dance Techniques 241 Students learn additional techniques for managing stress through movement, dance therapy, dance meditation, authentic movement studies, breathing exercises, yoga, physical therapy and varied relaxation exercises. Students develop listening skills and presentation skills through practice.

KIN 250-1 WEIGHT TRAINING SKILLS I (UC/CSU)

1 Units (Lab 2 Hrs)

Students develop muscular strength and endurance using weight machines and free weights. They employ proper training techniques necessary to maintain personal fitness throughout the lifespan.

KIN 250-2 WEIGHT TRAINING SKILLS II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Kinesiology 250 1

Students develop resistance training experience and become involved in a higher level of exercise. They will be exposed to a wide variety of machine as well as free weight exercises and will then design a program based on individual needs.

KIN 250-3 WEIGHT TRAINING SKILLS III (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Kinesiology 250 2

Students develop an advanced level in weight training and techniques that promote muscular strength and endurance. Excelled use of free weights and machines along with safety rules are mastered. Students enrolling in Advanced Weight Training are required to take a skills test.

KIN 251-1 YOGA SKILLS I (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn the physical practice of Yoga, connecting body, mind and spirit. The students are introduced to its origins, asanas (positions) and terminology.

KIN 251-2 YOGA SKILLS II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Kinesiology 251 1

Students progress in the physical practice of Yoga asana, moving beyond beginning level positions and sequences, developing balance in body alignment, flexibility, and strength. The students learn asanas (positions), terminology, and gain greater understanding of yoga philosophy and its application to daily life.

KIN 251-3 YOGA SKILLS III (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Kinesiology 251 2

Students learn the physical and psychological aspects of Yoga through the practice of connecting body, mind and spirit. The students are introduced to its origins, asanas (positions) and terminology.

KIN 265 CROSS COUNTRY CONDITIONING SKILLS (UC/CSU)

1 Units (Lab 3 Hrs)

Students learn basic biomechanics pertaining to jogging, running and race walking. Students will improve their cardiovascular system through various conditioning programs. Students learn a variety concepts pertaining to pacing, nutrition, cross training and weight management that help enable them to increase their quantity and quality of life.

KIN 266-1 BADMINTON SKILLS I (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn the fundamental skills and knowledge necessary to play badminton such as the serve, clear, drop and smash shots, rules and basic strategies for the games of singles and doubles.

KIN 266-2 BADMINTON SKILLS II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Kinesiology 266 1

Students learn the skills and knowledge necessary to play badminton at the intermediate skill level such as the serve, clear, drop and smash shots, feints, rules and intermediate level strategies for the games of singles and doubles.

KIN 271-1 TENNIS SKILLS I (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn the fundamental skills and knowledge necessary to play tennis such as serve, forehand and backhand ground strokes and volleys, singles and doubles rules, and basic court positioning and strategy.

KIN 271-2 TENNIS SKILLS II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Kinesiology 271 1

Students learn intermediate level skills and knowledge to play tennis. Essential aspects of the game are presented through lecture, demonstration, group and individual drills, stroke analysis, theory and application of singles and doubles play. Emphasis is also placed on physical fitness. This skill level articulates with United States Tennis Association's level 2.5 to 3.0.

KIN 272 TRACK AND FIELD SKILLS (UC/CSU)

1 Units (Lab 3 Hrs)

Students learn instruction and practice in the events relevant to track and field. Topics include techniques, strategies, fitness conditioning, and rules pertaining to all aspects and events of track and field. Some of the topics include disk throwing, hurdles, sprinting, cross training and injury prevention. Emphasis will be put on proper biomechanics and injury prevention.

KIN 285 DIRECTED STUDY KINESIOLOGY (CSU)

2 Units (Lec 2 Hrs)

Students learn to participate professionally in a variety of fitness environments. Areas of study include youth fitness, personal training, group fitness, senior classes and health, diabetes prevention, and etc. Students learn to work with clients, manage client care, and analyze results. They also pursue directed studies in the area of Kinesiology on a contract basis, under the direction of a supervising instructor.

KIN 287-1 BASKETBALL SKILLS I (UC/CSU)

1 Units (Lab 2 Hrs)

Students practice, at a beginning level, the fundamental skills of basketball (dribbling, shooting, passing) and basic offensive and defensive team strategies through instruction and drills.

KIN 287-2 BASKETBALL SKILLS II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Kinesiology 287 1

Students practice, at an intermediate level, the fundamental skills of basketball (dribbling, shooting, and passing) and improve their ability to perform these skills under game

conditions. They learn how to be a contributing team member on offense and defense by setting screens, playing various zone defenses, and running a half court press.

KIN 289-1 SOCCER SKILLS I (UC/CSU)

1 Units (Lab 3 Hrs)

Students learn basic soccer skills of passing, dribbling, shooting, and goal keeping. The course will also introduce individual and team offense and defense, as well as the rules, proper etiquette, terminology, and the components of fitness. Students will learn proper soccer techniques with practice skills and feedback.

KIN 289-2 SOCCER SKILLS II (UC/CSU)

1 Units (Lab 3 Hrs)

Prerequisite: Kinesiology 289 1

Students learn fundamental skills, team strategies, rules of the games, refereeing, and active participation of game play. Also learn how activities can lead to an active healthy lifestyles by developing a personal fitness plan.

KIN 290 SOFTBALL SKILLS (UC/CSU)

1 Units (RPT 3) (Lab 2 Hrs)

Students learn the fundamental skills and rules of softball. Students learn proper techniques and strategies for playing softball. Upon completion, students should be able to participate in recreational softball.

KIN 291-1 VOLLEYBALL SKILLS I (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn basic volleyball skills and techniques. Skills learned are passing, serving, setting, blocking and hitting. Students learn game strategy and rules of the sport.

KIN 291-2 VOLLEYBALL SKILLS II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Kinesiology 291 1

Students learn volleyball skills and techniques. Skills learned are passing, serving, hitting and blocking. The students also learn strategy used for games and the rules of the sport.

KIN 300 SWIMMING NON /SWIMMER (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn primary swimming skills, the beginning locomotion skills of various swimming strokes and improve water safety awareness.

KIN 300-1 SWIMMING NON SWIMMER I (UC/CSU)

1 Units (Lec 0.5 Hrs / Lab 2.5 Hrs)

Students learn primary swimming skills, the beginning locomotion skills of various swimming strokes and improve water safety awareness.

KIN 301-1 SWIMMING SKILLS I (CSU)

1 Units (Lab 3 Hrs)

Students learn primary swimming skills, the beginning locomotion skills of various swimming strokes and improve water safety awareness.

KIN 303 AQUA AEROBICS (UC/CSU)

1 Units (RPT 3) (Lab 3 Hrs)

Students learn basic principles of water safety, nutrition and water aerobics exercises for conditioning. This class emphasizes cardiovascular endurance and strength training by the use of water resistance.

KIN 307 SWIM AND RUN (UC/CSU)

1 Units (RPT 3) (Lab 3 Hrs)

Students develop an understanding of cardiovascular endurance and fitness through running and swimming instruction. Students will learn proper swimming and running technique with practice drills and feedback. The emphasis will be to provide safe and effective training progressions to improve health and skill acquisition. This class promotes the appreciation of outdoor fitness and all abilities are welcomed.

KIN 326 AEROBIC SUPER CIRCUIT LAB (UC/CSU)

1 Units (Lab 3 Hrs)

The student rotates through a series of weight training and cardiovascular exercises/machines at short, timed intervals for a challenging form of conditioning that develops muscular strength, muscular endurance and cardiovascular endurance concurrently. Students learn the importance of nutrition for peak performance and increased overall wellness along with issues pertaining to exercise physiology.

KIN 327 LIFELONG FITNESS LAB (UC/CSU)

1 Units (Lab 3 Hrs)

Students develop flexibility, muscular strength, muscular endurance, cardiovascular endurance, and body composition. Students learn how to achieve a healthy lifestyle, proper fitness balance, nutrition. Cardiovascular disease prevention and education is a main component of this course.

KIN 328 BICYCLE SPINNING ACTIVITY (UC/CSU)

1 Units (Lab 2 Hrs)

Students develop and improve both cardiovascular endurance and leg strength through cycling, interval training and hill climbing. Cycling safety, bike fit, and heart rate training will be emphasized throughout the course. Incorporates a choreographed workout on a specially designed stationary bicycle, using music and fundamental cycling techniques.

KIN 328-1 BICYCLE SPINNING I (UC/CSU)

1 Units (Lab 3 Hrs)

This course increases and helps maintain both cardiovascular endurance and leg strength through stationary bike workouts. Intensity is high and challenging. Resting and target heart rates are used to monitor improvements in the students' cardiovascular system.

KIN 328-2 BICYCLE SPINNING II (UC/CSU)

1 Units (Lab 3 Hrs)

Prerequisite: Kinesiology 328 1

This course covers the intermediate principles designed to build on basic techniques from Bicycle Spinning I. Intervals, rolling hills, sprints, climbs, runs, and jumps challenges students to improve their cardiovascular system, help build leg strength, burn calories, and increase endurance.

KIN 331 CROSS TRAINING (UC/CSU)

1 Units (RPT 3) (Lab 3 Hrs)

Students learn a variety of cross training activities to achieve their personal fitness goals. Includes lecture on nutrition, exercise physiology concepts, and participation in a workout designed to improve cardiovascular conditioning and body composition, increase muscle strength/endurance and flexibility.

KIN 333 STEP AEROBICS AND WEIGHT TRAINING (UC/CSU)

1 Units (Lab 3 Hrs)

Students use a combination of strength training machines, free weights, step aerobics, and low impact aerobics to increase overall fitness and knowledge of personal health. These activities are utilized to gain fitness, emphasizing flexibility, muscular strength, and cardiovascular endurance. Students learn safety training, biomechanics, nutrition, weight management and other nutrition and fitness concepts and skills.

KIN 334 FITNESS WALKING (UC/CSU)

1 Units (Lab 3 Hrs)

Students focus on achieving cardiovascular fitness and a healthy lifestyle through walking programs and gate training. Course topics include shoe selection, posture, gait, walking styles, flexibility, clothing, creating a walking program, nutrition, BMI, cardiovascular disease prevention and assessing fitness level.

KIN 334-2 FITNESS WALKING II (CSU)

1 Units (Lab 3 Hrs)

Course description not available.

KIN 334-3 FITNESS WALKING III (CSU)

1 Units (Lab 3 Hrs)

Course description not available.

KIN 334-4 FITNESS WALKING IV (CSU)

1 Units (Lab 3 Hrs)

Course description not available.

KINESIOLOGY MAJOR (KIN MAJ)
KIN MAJ 100 INTRODUCTION TO KINESIOLOGY (UC/CSU)

3 Units (RPT 1) (Lec 3 Hrs)

Students learn about the study of human movement through an interdisciplinary approach that includes discussing the importance of the sub disciplines in kinesiology and the variety of career opportunities in the areas of teaching, allied health, and fitness professions.

KIN MAJ 107 PREPARATION FOR CERTIFICATION PERSONAL FITNESS TRAINER

3 Units (Lec 3 Hrs / Lab 1 Hrs)

Prerequisite: Health 002, Kinesiology 250-1

Students learn the knowledge, skills, and abilities to become a Certified Personal Trainer. Students study how the muscular, skeletal, and cardio respiratory systems function. Topics

include anatomy and physiology, principles and methods of cardiovascular training, strength training, safety, nutrition, and weight.

KIN MAJ 117 PERSONAL TRAINER INSTRUCTOR (CSU)
3 Units (Lec 2 Hrs / Lab 2 Hrs)

The students will develop the knowledge and understanding to prepare for the ACE Personal Trainer Certification Exam and become effective personal trainers. This is a comprehensive course for designing individualized programs based on each client's unique health, fitness, and goals. The information covered by this course will help the student learn how to facilitate rapport, adherence, self efficacy and behavior change in clients, as well as design programs that help clients to improve posture, movement, flexibility, balance, core function, cardio-respiratory fitness, and muscular endurance and strength.

KIN MAJ 134 ADVANCED LIFESAVING (CSU)
2 Units (Lec 1 Hrs / Lab 2 Hrs)

This class provides training in lifesaving skills and students are certified in the latest American Red Cross Lifeguarding program. Lifeguard program certification includes cardiopulmonary resuscitation, first aid, automated external defibrillator (AED), oxygen administration and Lifeguard Management procedures.

KOREAN (KOREAN)

KOREAN 001 ELEMENTARY KOREAN I (UC/CSU)
5 Units (Lec 5 Hrs)

Lecture 5 hours Elementary course for student without prior exposure to Korean. Develops speaking, writing, listening, and reading skills in Korean at the ACTFL Proficiency Novice Mid Level, and introduces Korean culture. Satisfies Humanities requirement for graduation.

KOREAN 002 ELEMENTARY KOREAN II (UC/CSU)
5 Units (Lec 5 Hrs)

Prerequisite: Korean 001

Lecture 5 hours Prerequisite: Korean 1 or Korean 22 with a satisfactory grade or equivalent Continues the development of elementary speaking, writing, listening, and reading skills in Korean at the ACTFL Proficiency Novice High Level, and furthers understanding of Korean culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

KOREAN 003 INTERMEDIATE KOREAN I (UC/CSU)
5 Units (Lec 5 Hrs)

Prerequisite: Korean 002

Lecture 5 hours Prerequisite: Korean 2 with a satisfactory grade or equivalent Development of intermediate Korean in speaking, writing, listening, and reading skills at the ACTFL Proficiency Intermediate Mid Level, and practices interpreting Korean culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

KOREAN 004 INTERMEDIATE KOREAN II (UC/CSU)
5 Units (Lec 5 Hrs)

Prerequisite: Korean 003

Lecture 5 hours Prerequisite: Korean 3 with a satisfactory grade or equivalent Continues the development of intermediate Korean in speaking, writing, listening, and reading skills at the ACTFL Proficiency Intermediate High Level and utilize knowledge of Korean culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

KOREAN 008 CONVERSATIONAL KOREAN (UC/CSU)
2 Units (Lec 2 Hrs)

Prerequisite: Korean 002

The students focus on conversational skills on everyday topics, current events, and cultural materials.

KOREAN 010 KOREAN CIVILIZATION (UC/CSU)
3 Units (Lec 3 Hrs)

Lecture 3 hours Open to all students. Course taught in English. Focuses on the history, culture, traditions and arts of Korea and its people. The contribution of Korea to world civilization is examined. Satisfies Humanities requirement for graduation.

KOREAN 021 FUNDAMENTALS OF KOREAN I (UC/CSU)
3 Units (Lec 3 Hrs)

Advisory: English 028, English 067

Lecture 3 hours Fundamental course for students without prior exposure to Korean. Develops speaking, writing, listening, and reading skills in Korean at the ACTFL Proficiency Novice Low Level, and raises awareness about Korean culture. Korean 21 and Korean 22 together are equivalent to Korean 1. Both Korean 21 and Korean 22 must be taken for UC:CSU credit.

KOREAN 022 FUNDAMENTALS OF KOREAN II (UC/CSU)
3 Units (Lec 3 Hrs)

Continues the fundamentals of Korean pronunciation and grammar structure. Offers practical material for simple conversation based on every day experiences. Korean 21 and Korean 22 together are equivalent to Korean 1. Prerequisite: Korean 21 with a satisfactory grade or equivalent.

KOREAN 069 KOREAN THROUGH INTERNET AND MULTIMEDIA (CSU)
2 Units (Lab 4 Hrs)

Prerequisite: Korean 001

Korean through Internet and Multimedia is designed to supplement and enhance students' Korean skills by providing tutorial, self help assistance, computers, online resources, and other resource materials that enable the students to perform everyday function, search and translate resources, and socially interact online in Korean. Students develop critical reading, writing and computer skills necessary for success in Korean language courses, college, career, and vocations.

LAW (LAW)

LAW 001 BUSINESS LAW I (UC/CSU)

3 Units (Lec 3 Hrs)

Students learn the fundamental legal principles pertaining to business transactions. Students will be introduced to the legal process. Topics include sources of law and ethics, contracts, torts, agency, criminal law, business organizations, and judicial and administrative processes.

LAW 002 BUSINESS LAW II (UC/CSU)

3 Units (Lec 3 Hrs)

Students learn about the fundamental principles of law as they apply in the business world. Topics include, but are not limited to, Bankruptcy Law; Employment and Labor Law; Employment Discrimination; Corporations; Administrative Law; Environmental Law; Real Property and Landlord Tenant Relationships; and Wills, Trusts, and Elder Law. This course is necessary for a well rounded knowledge of business law.

LAW 003 CIVIL RIGHTS AND THE LAW (UC/CSU)

3 Units (Lec 3 Hrs)

Students learn about the broad range of privileges and rights guaranteed by the United States Constitution and subsequent amendments and laws that guarantee fundamental freedoms to all individuals. These freedoms include the rights of free expression and action; the right to enter into contracts, own property, and initiate lawsuits; the right of due process and equal protections of the laws; opportunities in education and work; the freedom to live, travel, and use public facilities wherever one chooses; and the right to participate in the democratic political process.

LAW 004 DIRECTED FIELD WORK IN LEGAL ASSISTING (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Prerequisite: Law 10

Students gain practical experience by working in a law office or other legal environment. Students are supervised by an attorney, paralegal supervisor, or other legal personnel. These unpaid internship positions are available in a variety of legal fields and legal settings. Through weekly seminars, students also gain and share information on preparing for permanent employment. Students must complete 108 hours in their internship assignments.

LAW 007 STREET LAW (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

Students develop a practical understanding of the U.S. legal system and students will engage in active community participation. Students learn about areas of the law that affect the daily lives of all Americans and U.S. residents. Particularly relevant are the areas of consumer, housing, family, and employment law, along with marriage, and parental rights. Additionally, students learn fundamental criminal law and constitutional law principles. This knowledge provides a platform for guided discussion of important public policy issues concerning crime, discrimination, health care, and immigration.

LAW 010 INTRODUCTION TO LEGAL ASSISTANT I (CSU)

3 Units (Lec 3 Hrs)

Corequisite: English 101

The students learn about careers in the paralegal profession; the inner workings of the law office; ethics and professional responsibility; sources of American law; the court system and alternative dispute resolution; and conducting interviews and investigations. This is an introductory course in understanding the role of the paralegal in the legal field.

LAW 011 INTRODUCTION TO LEGAL ASSISTANT II (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Law 10, English 101

Students learn the fundamentals of California civil litigation. Students become familiar with the California Code of Civil Procedure through the study of topics including, but not limited to, parties and jurisdictions; pleadings; complaints, answers, and cross claims; introduction to motions; motions attacking the pleadings; summary judgments; evidence; introduction to discovery; written discovery; depositions; and trial preparation. Students learn how to draft legal documents such as complaints, answers, and motions.

LAW 012 TORT LAW AND CLAIMS INVESTIGATION (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Law 10, English 101

Students learn the academic and practical principles of tort law needed for a successful career as a paralegal. Special emphasis will be placed on the three major categories of tort law: Intentional Torts; Negligence; and Strict Liability. Other topics covered include, but are not limited to, Malpractice; Misrepresentation; Product Liability; Defamation; Vicarious Liability; and Joint Liability.

LAW 013 WILLS, TRUSTS, AND PROBATE ADMINISTRATION (CSU)

3 Units (Lec 3 Hrs)

Students learn the fundamental principles of the law of wills and trusts, including simple will and trust forms and formation. Students learn the organization and jurisdiction of the California Probate Court, with an overview of the administration of estates in probate.

LAW 014 LAW OFFICE MANAGEMENT (CSU)

3 Units (Lec 3 Hrs)

Students learn comprehensive, up to date information on the use of technology by paralegals in all types of legal organizations. This course describes basic computer concepts as well as more complex skills and software programs, with coverage and assignments for Word, Excel, Adobe Acrobat, AbacusLaw, CaseMap, HotDocs, Summation iBlaze, Tabs3, TimeMap, TrialDirector, and more. This course covers important topics such as electronic discovery, Internet legal/factual research, legal timekeeping and billing, litigation support software, and case management and docket control software. A variety of other topics are covered including mobile computing, document management, security, ethics, the electronic courthouse and many other trends in legal computing.

LAW 017 LEGAL WRITING (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Law 10, English 101

Students study advanced legal drafting and writing, including special research projects.

LAW 018 MARRIAGE AND FAMILY LAW (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Law 10

This course presents fundamental common law and statutory concepts of family law with emphasis on California's Community Property Laws.

LAW 019 PROPERTY AND CREDITOR RIGHTS

3 Units (Lec 3 Hrs)

An introduction to California real property law. Students learn the following subject matter: Forms of Ownership; Estates in Real Property; Property Title in California; Agency Law; The Rights and Duties of Landowners; Disputes Between Neighbors in California; Involuntary Liens in California; Foreclosure Law in California; California Real Estate Sales Contracts; Landlord Tenant Law; Fair Housing; Transfers of Real Property; Common Interest Developments in California; Restrictions on Land Use; Environmental Law; Litigating a Real Property Case in California; Negotiation; and Personal Property.

LAW 033 LAW AND THE MEDIA (CSU)

3 Units (Lec 3 Hrs)

Students learn the federal, state, and local laws that most directly affect mass communication in the United States, focusing on: a basic understanding of the American legal system, its institutions, and some of its terminology; a broad understanding of First Amendment principles as they relate to mass communication; and a working knowledge of the laws that directly restrict or enhance information gathering and message dissemination in the mass media, and an understanding of the rationales behind those laws.

LAW 035 IMMIGRATION LAW FOR PARALEGALS (CSU)

3 Units (Lec 3 Hrs)

Students learn the fundamental concepts of immigration law including grounds of exclusion, defenses to deportation, petitions and visa applications. Research and writing will be emphasized in the areas of amnesty, naturalization, citizenship, international law, criminal aspects of immigration, and various types of immigration applications.

LAW 037 BANKRUPTCY AND CREDITOR'S RIGHTS

3 Units (Lec 3 Hrs)

Students learn the basics of bankruptcy law and procedure. The course focuses predominantly on Chapter 7 and Chapter 13 Bankruptcy, including preparing the necessary forms for these types of bankruptcy. Other topics include, but are not limited to, the evolution of bankruptcy law, researching bankruptcy law, the roles of various individuals in the bankruptcy process, and information gathering and counseling.

LAW 038 CRIMINAL LAW & PROCEDURE

3 Units (Lec 3 Hrs)

Students learn substantive criminal law and the procedural rights of criminal defendants. The two essential elements of a crime *mens rea* and *actus reus* will be covered in detail. Other topics that will be covered include, but are not limited to,

crimes against the person, crimes against property and habitation, crimes against the public, parties and inchoate offenses, and factual and statutory defenses.

LAW 043 ELDER LAW

3 Units (Lec 3 Hrs)

Course description not available.

LAW 051 LEGAL RESEARCH FOR PARALEGALS (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Law 10, English 101

Students learn how to perform library and computer assisted legal research. Topics include finding the law by using legal encyclopedias; treatises; legal periodicals; A.L.R. annotations; Restatements; case reporters, digests, and their alternatives; case citators; constitutions and statutes; regulations; agency decisions; and looseleaf services. Students also receive hands on training in Westlaw and LexisNexis.

LAW 931 COOPERATIVE EDUCATION LAW (CSU)

3 Units (Lec 3 Hrs)

Course description not available.

LAW 941 COOPERATIVE EDUCATION LAW (CSU)

4 Units (Lec 4 Hrs)

Course description not available.

LIBRARY SCIENCE (LIB SCI)**LIB SCI 101 COLLEGE RESEARCH SKILLS (UC/CSU)**

1 Units (Lec 1 Hrs)

Advisory: CAOT 001

This is a practical course in college level research using academic libraries and related information sources. Students develop strategies to find, organize, evaluate, and cite various print and online sources effectively and ethically. These skills help students become strong researchers and life long learners.

LINGUISTICS (LING)**LING 001 INTRODUCTION TO LANGUAGE AND LINGUISTICS (UC/CSU)**

3 Units (Lec 3 Hrs)

Prerequisite: English 028, English 067, ESL 008

Students are introduced to the scientific study of language to gain an understanding of language structures, functions, linguistic universals, and the relationship between language and cognition.

LING 002 INTRODUCTION TO SOCIOLINGUISTICS (UC/CSU)

3 Units (Lec 3 Hrs)

*Advisory: Linguistics 001**Prerequisite: English 028, English 067, ESL 008*

Students study the processes of linguistic variation and its relationship to geography and socio cultural identity in both

monolingual and multilingual settings. Students gain an understanding of language as a communicative, semiotic, and cognitive tool in society.

LING 003 INTRODUCTION TO PSYCHOLINGUISTICS (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: Linguistics 001

Prerequisite: English 028, English 067, ESL 008

In this general introduction to psycholinguistics course, students focus on speech, perception, language processing, language production, and language acquisition. Students study the relationship between the theories proposed by linguistics and data as observed in everyday life. Students also review related areas such as processes of reading, language and the brain, and language and thought.

LEARNING FOUNDATION (LRNFDTN)

LRNFDTN 001 ADAPTED KEYBOARDING

1 Units (Lab 3 Hrs)

Designed for students with verified disabilities, this class provides individual instruction in keyboarding basics. Assistive technology may also be introduced for successful access to keyboard or screen. Basic reading and writing skills are not addressed in this course.

LRNFDTN 002 ADAPTIVE WORD PROCESSING OPERATIONS

1 Units (RPT 3) (Lab 3 Hrs)

Designed for students with verified disabilities, this class provides individual training in the use of word processing technologies. Students learn skills at an individual, non competitive pace using assistive hardware and software when needed. Knowledge of keyboarding skills is helpful but not required. Basic reading and writing skills are not addressed in this course.

LRNFDTN 003 ADAPTIVE COMPUTER OPERATIONS

1 Units (Lab 2 Hrs)

Designed for students with verified disabilities, this course provides individual assessment of assistive computer needs. Students will learn how to use the latest technologies (hardware and software) to make computer applications accessible. The type of technologies and the extent of the training will depend on the student's disability and needed applications. Knowledge of keyboarding skills is helpful but not required. Basic reading and writing skills are not addressed in this course. This course may be scheduled at times to be arranged (TBA) for a minimum of 54:00 hours.

LRNFDTN 031 STUDY STRATEGIES FOR STUDENTS WITH LEARNING DIFFERENCES

3 Units (Lec 3 Hrs)

Students learn study skills utilizing multi sensory techniques and strategies for coping with the demands of the college's academic curriculum. This study skills class is specifically designed for students with learning disabilities. Enrollment is intended for students with current functional limitations that

impede or prevent the student from benefiting from their academic classes without this foundation and support. Grades are awarded on a Pass/No Pass basis.

LRNFDTN 031A STUDY STRATEGIES FOR STUDENTS WITH LEARNING DIFFERENCES

1 Units (Lec 1 Hrs)

Students with disabilities learn how to employ multi sensory techniques and strategies in order to meet the demands of the college's academic curriculum. Enrollment is intended for students with current functional limitations that impede or prevent the student from benefiting from their academic classes without this foundation and support.

LRNFDTN 031B STUDY STRATEGIES FOR STUDENTS WITH LEARNING DIFFERENCES

1 Units (Lec 1 Hrs)

Students with disabilities learn how to employ multi sensory techniques and strategies in order to meet the demands of the college's academic curriculum. Enrollment is intended for students with current functional limitations that impede or prevent the student from benefiting from their academic classes without this foundation and support.

LRNFDTN 040 INTRODUCTION TO LEARNING DISABILITIES

1 Units (Lab 3 Hrs)

The student learns about learning disabilities and the laws, accommodations, and services available for academic improvement. Through assessment, the student discovers personal learning strengths and weaknesses in order to develop a plan for academic success. Eligibility for support services will be determined. Grades are awarded on a Pass/No Pass basis.

LRNFDTN 070 FUNDAMENTALS OF ARITHMETIC LABORATORY

1 Units (Lab 3 Hrs)

This course is designed for students with verified disabilities. Students will receive individualized, small group and computer assisted instruction. Students can supplement and enhance learning in mathematics through tutorial and self help assistance, calculators, computers, programmed texts, assistive technology, tactile graphics, instruction in online learning systems and other specialized learning aids.

LEARNING SKILLS (LRNSKIL)

LRNSKIL 001 READING

3 Units (Lec 3 Hrs)

Prerequisite: English 028

Introduction to the scientific study of language to gain an understanding of language structures, functions, linguistic universals, and the relationship between language and cognition.

LRNSKIL 001A READING

1 Units (Lab 3 Hrs)

The student learns individualized reading for English as a Native Language (ENL) or English as a Second Language (ESL) students at the beginning level. Students progress from reading sentences and paragraphs to short selections and excerpts from novels. Based upon a preliminary diagnostic assessment,

students are placed in an appropriate Learning Skills reading course in which the Learning Skills Department staff utilizes a system of texts, testing, tutoring and personalized instruction to help students increase comprehension skills and vocabulary development. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 001B READING

1 Units (Lab 3 Hrs)

The student learns individualized intermediate reading instruction for English as a Native Language (ENL) and English as a Second Language (ESL) students from beginning to advanced college level. Students progress from reading sentences and paragraphs to short selections and excerpts from novels. Based upon a preliminary diagnostic assessment, students are placed in an appropriate Learning Skills reading course in which the Learning Skills Department staff utilizes a system of texts, testing, tutoring and personalized instruction to help students increase comprehension skills and vocabulary development. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 001C READING

1 Units (Lab 3 Hrs)

The student learns individualized reading for English as a Native Language (ENL) or English as a Second Language (ESL) students from beginning to advanced college level. Students progress from reading sentences and paragraphs to short selections and excerpts from novels. Based upon a preliminary diagnostic assessment, students are placed in an appropriate Learning Skills reading course in which the Learning Skills Department staff utilizes a system of texts, testing, tutoring and personalized instruction to help students increase comprehension skills and vocabulary development. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 002 ENGLISH FUNDAMENTALS

3 Units (Lab 9 Hrs)

The student learns beginning to advanced grammar. Students receive instruction in the basic structure of the sentence, parts of speech, phrases, clauses, and agreement; using verbs, pronouns, and modifiers correctly; punctuation, clear reference, a glossary of usage, and capital letters. After an initial diagnostic assessment, students are placed in an appropriate Learning Skills grammar course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 002A ENGLISH FUNDAMENTALS

1 Units (Lab 3 Hrs)

The student learns beginning grammar. Students receive instruction in the basic structure of the sentence, parts of speech, phrases, clauses, agreement, and verb usage. After an initial diagnostic assessment, students are placed in an appropriate Learning Skills grammar course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 002B ENGLISH FUNDAMENTALS

1 Units (Lab 3 Hrs)

The student learns intermediate grammar. Students receive instruction in the correct use of pronouns, modifiers, and punctuation. After an initial diagnostic assessment, students are placed in an appropriate Learning Skills grammar course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 002C ENGLISH FUNDAMENTALS

1 Units (Lab 3 Hrs)

The student learns advanced grammar. Students receive instruction in correct pronoun usage, clear reference, placement of modifiers, a glossary of usage, and capital letters. After an initial diagnostic assessment, students are placed in an appropriate Learning Skills grammar course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 003A VOCABULARY DEVELOPMENT

1 Units (Lab 3 Hrs)

The student learns to develop vocabulary definition and context skills at a beginning level. Depending upon the diagnostic assessment, students will be placed in an appropriate Learning Skills vocabulary program. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 003B VOCABULARY DEVELOPMENT

1 Units (Lab 3 Hrs)

The student learns to develop vocabulary definition and context skills at an intermediate level. Depending upon the diagnostic assessment, students will be placed in an appropriate Learning Skills vocabulary program. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 003C VOCABULARY DEVELOPMENT

1 Units (Lab 3 Hrs)

The student learns English conversational skills at an intermediate level. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills intermediate conversation program. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 003D VOCABULARY DEVELOPMENT

1 Units (Lab 3 Hrs)

The student learns to develop vocabulary definition and context skills at an advanced level. Depending upon the diagnostic assessment, students will be placed in an appropriate Learning Skills vocabulary program. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 003E VOCABULARY DEVELOPMENT

1 Units (Lab 3 Hrs)

The student learns to develop vocabulary definition and context skills at an advanced level. Depending upon the diagnostic assessment, students will be placed in an appropriate Learning Skills vocabulary program. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 006A ACADEMIC STUDY SKILLS

1 Units (Lab 3 Hrs)

The student learns academic study skills. Students are introduced to making transitions to higher learning, first steps to self discovery, time management, discovering how to learn, memorization, and reading. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills study skills course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 006B ACADEMIC STUDY SKILLS

1 Units (Lab 3 Hrs)

The student learns academic study skills. Students are introduced to notetaking, test taking strategies, critical thinking, and communicating. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills study skills course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 006C ACADEMIC STUDY SKILLS

1 Units (Lab 3 Hrs)

The student learns academic study skills. Students are introduced to diversity, computer technology, health awareness, and career planning. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills study skills program. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 007 BASIC COMPOSITION

3 Units (Lab 9 Hrs)

The student learns beginning to advanced writing instruction. Learning Skills 7 focuses on basic sentence structures, paragraph development and essay organization. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills writing course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 007A BASIC COMPOSITION

1 Units (Lab 3 Hrs)

The student learns beginning writing skills. Learning Skills 7A focuses upon basic sentence structures and paragraph development. Depending upon the diagnostic assessment, students will be placed in an appropriate Learning Skills writing course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 007B BASIC COMPOSITION

1 Units (Lab 3 Hrs)

The student learns intermediate writing skills. Learning Skills 7B focuses upon basic sentence structures and three paragraph essay development. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills writing course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 007C BASIC COMPOSITION

1 Units (Lab 3 Hrs)

The student learns advanced writing skills. Learning Skills 7C focuses upon five paragraph essay development. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills writing course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 008 RESUME PREPARATION AND JOB SEARCH SKILLS

1 Units (Lab 3 Hrs)

The student learns how to write a resume and cover letter. In addition, job search techniques and job interview skills are explored. Depending upon the diagnostic assessment, students will be placed in an appropriate Learning Skills resume preparation course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are on a Pass/Non Pass basis.

LRNSKIL 010 MATHEMATICS FUNDAMENTALS

3 Units (Lab 9 Hrs)

The student learns an individualized review of basic mathematics skills involving whole number properties, order of operations, exponents, prime numbers, fractions, decimals, percents, ratio and proportion, simple geometry, statistical graph analysis, and signed numbers. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills mathematics course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 010A MATHEMATICS FUNDAMENTALS

1 Units (Lab 3 Hrs)

The student learns an individualized review of basic mathematics skills involving whole number properties, order of operations, exponents, prime numbers, and fractions. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills mathematics course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 010B MATHEMATICS FUNDAMENTALS

1 Units (Lab 3 Hrs)

The student learns an individualized review of basic mathematics skills involving decimals, percents, ratios, and proportions. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills mathematics course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 010C MATHEMATICS FUNDAMENTALS

1 Units (Lab 3 Hrs)

The student learns an individualized review of basic mathematics skills involving units of measure, simple geometry, statistical graph analysis, and signed numbers. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills mathematics course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 011 ELEMENTARY ALGEBRA

5 Units (Lab 15 Hrs)

The student learns basic algebra skills including the language of algebra; equations and inequalities, polynomials, factoring; rational expressions; graphing and inequalities; linear equations; exponents and radicals; quadratic equations. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills elementary algebra course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 011A ELEMENTARY ALGEBRA

1 Units (Lab 3 Hrs)

The student learns an individualized review of basic algebra skills involving the language of algebra and equations and inequalities. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills elementary algebra course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/no Pass basis.

LRNSKIL 011B ELEMENTARY ALGEBRA

1 Units (Lab 3 Hrs)

The student learns basic algebra skills involving polynomials and factoring. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills elementary algebra course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 011C ELEMENTARY ALGEBRA

1 Units (Lab 3 Hrs)

The student learns basic algebra skills involving rational expressions and graphing. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills elementary algebra course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 011D ELEMENTARY ALGEBRA

1 Units (Lab 3 Hrs)

The student learns basic algebra skills involving graphing and inequalities and linear equations. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills elementary algebra course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 011E ELEMENTARY ALGEBRA

1 Units (Lab 3 Hrs)

The student learns basic algebra skills involving exponents and radicals and quadratic equations. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills elementary algebra course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 024 THEORY AND PRACTICE OF TUTORING

3 Units (Lab 9 Hrs)

The student learns theory and practice in tutoring sessions. Also, tutor training is provided in each tutor's discipline. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills theory and practice of tutoring course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 024A THEORY AND PRACTICE OF TUTORING

1 Units (Lab 3 Hrs)

The student learns theory and practice in tutoring sessions. Emphasis is placed upon the tutoring process, tutees' academic needs, recordkeeping, and learning styles. Also, tutor training is provided in each tutor's discipline. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills theory and practice of tutoring course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 024B THEORY AND PRACTICE OF TUTORING

1 Units (Lab 3 Hrs)

The student learns theory and practice in tutoring sessions. Emphasis is placed upon problem solving techniques and writing tutorial reports. Also, tutor training is provided in each tutor's discipline. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills theory and practice of tutoring course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 024C THEORY AND PRACTICE OF TUTORING

1 Units (Lab 3 Hrs)

The student learns theory and practice in tutoring sessions. Emphasis is placed upon visiting the classrooms, peer tutorial sessions, academic and basic skills resource guide, and tutorial experiences. Also, tutor training is provided in each tutor's discipline. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills theory and practice of tutoring course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 040 INTRODUCTION TO LEARNING**DISABILITIES**

1 Units (Lab 3 Hrs)

The student learns about learning disabilities and the laws, accommodations, and services available for academic improvement. Through assessment, the student discovers personal learning strengths and weaknesses in order to develop a plan for academic success. Eligibility for support services will be determined. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 041 STUDY STRATEGIES FOR STUDENTS WITH LEARNING DISABILITIES

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students learn study skills utilizing multi sensory techniques and strategies for coping with the demands of the college's academic curriculum. This study skills class is specifically designed for students with learning disabilities. Enrollment is intended for students with current functional limitations that impede or prevent the student from benefiting from their academic classes without this foundation and support. Grades are awarded on a Pass/No Pass basis.

LRNSKIL 041A STUDY STRATEGIES FOR STUDENTS WITH LEARNING DISABILITIES

1 Units (Lec 1 Hrs)

Students with disabilities learn how to employ multi sensory techniques and strategies in order to meet the demands of the college's academic curriculum. Enrollment is intended for students with current functional limitations which (that) impede or prevent the student from benefiting from their academic classes without this foundation and support.

LRNSKIL 041B STUDY STRATEGIES FOR STUDENTS WITH LEARNING DISABILITIES

1 Units (Lec 1 Hrs)

Students with disabilities learn how to employ multi sensory techniques and strategies in order to meet the demands of the college's academic curriculum. Enrollment is intended for students with current functional limitations which (that) impede or prevent the student from benefiting from their academic classes without this foundation and support.

LRNSKIL 043 ADAPTIVE COMPUTER OPERATIONS

1 Units (Lab 3 Hrs)

Students with disabilities learn how to use adaptive computer modifications and/or assistive technology utilizing keyboarding, word processing, database management and other appropriate software applications. Enrollment is intended for students with current functional limitations that require individually paced training.

LRNSKIL 285 DIRECTED STUDY LEARNING SKILLS

2 Units (Lec 2 Hrs)

This course allows learning skills students to pursue directed studies in reading, writing, mathematics and/or study skills on a contract basis under the supervision of a Learning Skills Instructor. Consultation with the instructor on a weekly basis, plus independent work is required. A maximum of 3 units in Directed Study may be taken for credit. Depending upon the diagnostic assessment, students will be placed in an appropriate program. Students may enroll through the twelfth week of the semester. Grades are on a credit/no credit basis.

LRNSKIL 485 INTERNET RESEARCH (CSU)

1 Units (Lab 2 Hrs)

The student learns how to use search engines; basic and advanced searches with Boolean operators; how to locate, store, and retrieve materials in various content fields; how to critically evaluate these sources; and how to use and cite electronic resources. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills internet

research course. Students may enroll through the twelfth week of the semester. Grades are awarded on a Pass/Non Pass basis.

MARKETING (MARKET)**MARKET 001 PRINCIPLES OF SELLING (CSU)**

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students learn about careers in selling, ethics in selling, the psychology of selling and benefit selling. They learn prospecting methods, the approaches to customers, using questions in selling, techniques for meeting objections to buying and techniques for closing the sale. This course is one of a series of classes which lead to the Marketing Certificate and the AA Degree with a major in marketing.

MARKET 011 FUNDAMENTALS OF ADVERTISING (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students have an opportunity to explore the planning process, the strategies and the techniques used by corporations and small businesses to stimulate sales.

MARKET 021 PRINCIPLES OF MARKETING (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students learn the importance of making decisions with the customer in mind and the need to select target markets for products and services. The course covers decision making relative to product development and management, trademarks, wholesaling, retailing, selling, sales promotion, advertising and pricing. It is the first in a series of courses which lead to the Certificate in Marketing and the AA Degree with a major in marketing.

MARKET 031 RETAIL MERCHANDISING (CSU)

3 Units (Lec 3 Hrs)

The student will learn the principles and procedures in retailing, including a study of store location, store layout, store organization, buying, pricing, stock planning, and retail sales promotion.

MATHEMATICS (MATH)**MATH 010 MATH AS A SECOND LANGUAGE (MSL)**

1 Units (Lec 1 Hrs)

Students study the basic mathematics sequence. The course introduces mathematical language and notation, along with fundamental concepts necessary for successful completion of the mathematics sequence. Topics include writing and speaking mathematical language, understanding how to determine what a problem is asking, and a multi step program for solving problems. Also included are techniques that will enable students to have a positive outlook toward future mathematics classes.

MATH 100 MATHEMATICS WORKSHOP

1 Units (Lab 3 Hrs)

Students can supplement and enhance learning in mathematics through tutorial and self help assistance, calculators, computers, programmed texts and other learning aids.

MATH 105 ARITHMETIC

3 Units (Lec 1 Hrs / Lab 5 Hrs)

Students learn to perform arithmetic operations with whole numbers, fractions, and decimals. Students learn to solve word problems including whole numbers, fractions, decimals, and percents. Students learn ratios, rates, proportions and everyday life application.

MATH 115 ELEMENTARY ALGEBRA

5 Units (Lec 5 Hrs)

Prerequisite: Mathematics 112

This course covers operations on real numbers and algebraic expressions, solving linear equations and inequalities in one variable, graphing linear equations and inequalities in two variables, solving systems of linear equations in two variables, exponents, operations on polynomials, factoring polynomials, operations on rational expressions, solving rational equations, simplifying radical expressions, solving radical equations, solving quadratic equations, and graphing quadratic equations.

MATH 125 INTERMEDIATE ALGEBRA

5 Units (Lec 5 Hrs)

Prerequisite: Mathematics 115

Students learn techniques for solving compound linear inequalities as well as absolute value equations and inequalities, solving systems of linear equations in two and three variables, simplifying non linear expressions and solving non linear equations such as polynomial, rational, radical, exponential, and logarithmic. Students learn techniques for rewriting the equation in the standard form for parabola and circle, and graph. Students learn how to compute terms and sums of arithmetic and geometric series. Students will apply the binomial theorem to expand the binomial with given power. Applications are included in a wide variety of word problems.

MATH 157 JUST IN TIME SUPPORT FOR STATISTICS

1 Units (Lab 2 Hrs)

Corequisite: Math 227 or Math 230

Course covers core mathematics skills and concepts needed for elementary statistics. Intended for students who are concurrently enrolled in Math 227, Elementary Statistics, or MATH 230, Mathematics for Liberal Arts Students at Los Angeles City College. Topics include concepts from arithmetic, pre algebra, elementary and intermediate algebra that are needed to understand the basics of elementary statistics: numbers and the number lines, operations on numbers, sets, equations and inequalities, graphing points and lines in two dimensions, reading tables and graphs, and approximating areas.

MATH 167 PRE STATISTICS

5 Units (Lec 5 Hrs)

Prerequisite: Mathematics 110 Or Mathematics 112

Students learn key concepts of descriptive statistics such as observational and experimental design, graphical and tabular displays of data, measures of center and spread, probability, the

normal distribution, and regression. This course is designed as a prerequisite solely for Statistics (Math 227). Students will not get math competency credit for taking this course towards an AA/AS degree. If students wish to proceed to another course other than Math 227, they would need to go back and take Math 125.

MATH 190 ALGEBRA FOR STEM MAJORS

6 Units (Lec 4 Hrs / Lab 4 Hrs)

Prerequisite: Mathematics 110 Or Mathematics 112

An accelerated course covering the topic of Elementary and Intermediate Algebra. Topics include the real number system, rules of exponents, linear equations and inequality in one variable, linear equations and inequality in two variables, systems of linear equations and inequalities, nonlinear systems of equations, polynomial operations, factoring polynomials, rational expressions, rational equations and inequalities, radical expressions and rational exponents, radical equations and inequalities, quadratics equations and inequalities, functions and their graphs, exponential and logarithmic functions, the conic sections, and sequences and series.

MATH 202 MATHEMATICS WORKSHOP (CSU)

1 Units (Lab 3 Hrs)

Corequisite: Math 215 or Math 216 or Math 230 or Math 236 or Math 240 or Math 245 or Math 260 or Math 261 or Math 262 or Math 263 or Math 270 or Math 275

Students supplement and enhance their learning in mathematics by providing tutorial and self help assistance, calculators, computers, programmed text, and other learning aids for baccalaureate level mathematics courses.

MATH 215 PRINCIPLES OF MATHEMATICS I (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Mathematics 125

This course is the first of two in a sequence designed for prospective elementary school teachers. The student will learn topics including sets and relations, numbering systems, and elementary number theory. The main emphasis, however, will be understanding the structure of systems of whole numbers, integers, and rational numbers.

MATH 216 PRINCIPLES OF MATHEMATICS II (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Mathematics 215

This course is the second of two in a sequence for prospective elementary teachers. Topics include decimal and real numbers, rational numbers, abstract mathematical systems, geometry and the metric system.

MATH 227 STATISTICS (UC/CSU)

4 Units (Lec 4 Hrs)

Prerequisite: Mathematics 125 Or Mathematics 167

The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi square and t tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social sciences, psychology, life science, health science, and education.

MATH 230 MATHEMATICS FOR LIBERAL ARTS STUDENTS (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: Mathematics 100 Or Mathematics 202

Prerequisite: Mathematics 125 Or Mathematics 190 Or Academic Preparation Placement

Students receive instruction in topics which include linear equations and functions, applications of linear functions, systems of linear equations, matrices, system of linear inequalities, linear programming using the graphical method, mathematics of finance, logic, set theory, probability, basic counting, and statistics.

MATH 236 CALCULUS FOR BUSINESS AND SOCIAL SCIENCE (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Mathematics 125 Or Mathematics 190 Or Academic Preparation Placement

This course consists of elementary differential and integral calculus of algebraic, exponential and logarithmic functions, as well as derivatives and the method of Lagrange multipliers. Applications to business and the social sciences are emphasized.

MATH 245 COLLEGE ALGEBRA (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Mathematics 125 or Academic Preparation Placement

Students receive instruction to solve linear, rational, polynomial, exponential, and logarithmic equations; graph linear, rational, polynomial, exponential, and logarithmic functions; solve linear and nonlinear systems of equations and inequalities; sequences and series.

MATH 245L JUST IN TIME SUPPORT FOR COLLEGE ALGEBRA (CSU)

1 Units (Lab 2 Hrs)

Corequisite: Math 245 or Math 236 or Math 260

Intended for students who are concurrently enrolled in Math 245 College Algebra, Math 236 Calculus for Business and Social Science, or MATH 260 Precalculus at Los Angeles City College. Topics include concepts from elementary and intermediate algebra: linear equations in one and two variables with applications, compound linear inequalities, absolute value equations and inequalities, functions and graphs, systems of equations, factoring, polynomial operations, rational, radical, quadratic, exponential and logarithmic equations, complex numbers, sum notation, and sequences.

MATH 258 GEOMETRY AND TRIGONOMETRY (CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Mathematics 125 Or Mathematics 190 Or Mathematics 124B

Students learn the definitions, axioms, and theorems of geometry relating to angles, lines, circles, and polygons. Practice in critical thinking and developing logical proofs are emphasized. This course also includes the study of the sine, cosine, and tangent functions, including a study of their graphs, inverses of the functions, basic properties of the cotangent, secant, and cosecant functions, measurement of angles in degrees and in

radians, evaluating triangles, solving trigonometric equations, models for periodic phenomena, trigonometric identities, vectors, complex number, and polar coordinates.

MATH 260 PRECALCULUS (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Mathematics 240 or Mathematics 258 or Academic Preparation Placement

Students prepare for calculus, which covers the properties of polynomial, rational, algebraic, trigonometric, inverse trigonometric, exponential and logarithmic identities and equations, trigonometric form of complex numbers and DeMoivre's Theorem, nonlinear systems of equations and inequalities, vector algebra, and polar coordinates.

MATH 261 CALCULUS I (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Mathematics 260

This is the first of a three course sequence in calculus. Topics include limits and continuity, rates of change, derivatives, applications of differentiation, integrals, the Fundamental Theorem of Calculus, and applications of integration.

MATH 262 CALCULUS II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Mathematics 261

This is the second in a three course sequence in calculus. Topics include differentiation and integration of logarithmic, exponential, circular and hyperbolic functions and their inverses, indeterminate forms, improper integrals, standard techniques of integration, applications of integration to problems from economics, biology and probability, parametric equations and polar coordinates, infinite sequences and series, and representation of functions as power series.

MATH 263 CALCULUS III (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Mathematics 262

Students solve problems from vectors calculus, parametric equations, surfaces, partial differentiation, gradient, maxima and minima for functions of several variables, multiple integrals, surface integrals, and line integrals. Students consider physical and mechanical applications of Green's Theorem, Divergence Theorem, and Stokes' Theorem.

MATH 270 LINEAR ALGEBRA (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Mathematics 261

This course develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, and linear transformations. Selected applications of linear algebra are included.

MATH 272 METHODS OF DISCRETE MATHEMATICS (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Mathematics 262

Students study logic, algorithms, number systems, mathematical induction, sets, counting principles, probability, Boolean algebra, logic network, Pigeonhole principle, cardinality and computability, recurrence relations and recursion, graph theory, switching circuits, trees.

MATH 275 ORDINARY DIFFERENTIAL EQUATIONS (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Mathematics 262

Students learn to categorize different types of differential equations. Students learn to use techniques such as separation of variables, exact differentials, homogeneity, and change of variable (substitution) to solve first order equations as well as first order Initial Value Problems (IVPs). Students apply this knowledge to solve real world problems such as population growth and mixture problems. Students learn to solve higher order linear differential equations using constant coefficient technique, the method of undetermined coefficients and variation of parameters. Students apply this knowledge to physics applications such as simple harmonic motion. Students solve equations of higher order with variable coefficients applying specific techniques based on the type of the given equations. Topics Include: Cauchy Euler Equations, Power Series solutions, Bessel's Equations, and Legendre's Equation. Students learn the Laplace transform and its properties and apply this knowledge to solving various differential equations as well as IVPs. Students use techniques for solving Systems of Linear Differential Equations.

MANAGEMENT (MGMT)**MGMT 002 ORGANIZATION AND MANAGEMENT THEORY (CSU)**

3 Units (Lec 3 Hrs)

Students learn the basic process of the management of an organization. The course presents the process of achieving set goals and objectives in a formal organization. The course objectives include: (a) To provide the student with a basic framework of the subject matter through an overview of how an enterprise is organized and managed. (2) To develop student sensitivity to the four key tools of management planning, organizing, influencing, controlling. (3) To introduce learning tracks by which students will appreciate the essence of management activities throughout the process and activities related to production, distribution, finance and administration, and decision making.

MGMT 013 SMALL BUSINESS ENTREPRENEURSHIP (CSU)

3 Units (Lec 3 Hrs)

Students receive the fundamentals of how to organize and operate a small business.

MGMT 031 HUMAN RELATIONS FOR EMPLOYEES (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028 And English 067

The students learns to recognize and develop those traits necessary for good relations with fellow workers, supervisors, subordinates, customers, and other business associates.

MGMT 033 HUMAN CAPITAL MANAGEMENT (CSU)

3 Units (Lec 3 Hrs)

The student will learn the essentials of human resource management. Topics include recruitment, selection, training, appraisals, compensations, benefits, labor relations and collective bargaining.

MICROBIOLOGY (MICRO)**MICRO 001 INTRODUCTORY MICROBIOLOGY (UC/CSU)**

5 Units (Lec 3 Hrs / Lab 6 Hrs)

*Advisory: English 021**Prerequisite: Biology 003 Or Physiology 001 And Chemistry 060*

This is an introductory microbiology course developed to prepare students for careers in biological sciences, pharmacy, optometry, veterinary medicine, nursing, physician assistant, and other allied health professions. This course explores the early history of microbiology, microbial classification, morphology, physiology, genetics, and ecology. Other topics include controlling microbial populations, microbial pathogenicity, immunology, and microbiological technology and applications in modern society. Laboratory techniques emphasize fundamental microbiological techniques, concepts, and applications, including current molecular diagnostic methods in microbial genetics and immunology. This course includes more lab hours than Microbiology 20, and it is recommended for students who need a 5 unit course with 6 hours of lab per week. This course is transferable as a major's preparation course for most CSUs and UC Irvine only. These majors may include: biology related, nutrition, nursing, health science, kinesiology, dietetics, and various other majors. Students should consult with counselors to determine articulation of this course with their desired four year institution and/or program.

MICRO 020 GENERAL MICROBIOLOGY (UC/CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Advisory: English 021 And Chemistry 060

This course was developed to prepare students for nursing and allied health majors. It examines principles in microbial classification, metabolism, genetics, and the roles of microorganisms as pathogens. Immunology and methods of controlling microbial growth are explored. Laboratory techniques emphasize fundamental microbiological techniques, concepts, and applications, including current molecular diagnostic methods in microbial genetics and immunology. This course includes fewer lab hours than Microbiology 1, and it is recommended for students who need a 4 unit course with 3 hours of lab per week. This course is only transferable as a major's preparation course for some CSUs and UC Irvine only (fewer four year institutions accept Microbiology 20 as a major's course). These majors may include: biology related, nutrition, nursing, health science, kinesiology, dietetics, and various other majors.

Students should consult with counselors to determine articulation of this course with their desired four year institution and/or program.

MICRO 040 MICROBIOLOGY LABORATORY PREPARATIONS (CSU)

1 Units (Lab 3 Hrs)

Corequisite: Microbiology 001 Or Microbiology 020

Students prepare media and reagents normally used in a bacteriological laboratory with emphasis on safety and proper use and care of laboratory equipment and supplies.

MUSIC (MUSIC)

MUSIC 101 FUNDAMENTALS OF MUSIC (UC/CSU)

3 Units (Lec 3 Hrs)

(For the non Music major.) A study of the fundamentals of music including notation, meter signatures and rhythms, major and minor scales and key signatures, intervals, triads, terms and symbols. Some sight reading and ear training is included. Satisfies Humanities requirement.

MUSIC 111 MUSIC APPRECIATION I (UC/CSU)

3 Units (Lec 3 Hrs)

The student learns about masterpieces of western music from the Middle Ages to the present day with an emphasis on perceptive listening. Topics include the elements of music, musical forms, music periods, styles, and the role of music and musicians in the western world. Fulfills humanities requirements for graduation.

MUSIC 116 SURVEY AND HISTORY OF ROCK, POP AND SOUL MUSIC (UC/CSU)

3 Units (Lec 3 Hrs)

Introduction to rock, pop, and soul music styles covering their origins, stylistic development and cultural impact. This course is designed to increase student awareness of the relationship between popular music and society.

MUSIC 121 MUSIC HISTORY AND LITERATURE I (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: Music 111 And Music 202

The student studies music history and literature from earliest times to 1750, including music of the ancient Greeks, early Christians, Middle Ages, Renaissance and Baroque periods, through the music of Bach and Handel.

MUSIC 122 MUSIC HISTORY AND LITERATURE II (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: Music 111 And Music 202

A survey of music history and music literature from 1750 to the present time, including music of the pre Classic, Classic and Romantic periods, as well as Contemporary classical music.

MUSIC 135 AFRICAN AMERICAN MUSIC (UC/CSU)

3 Units (Lec 3 Hrs)

A study of African and African American music and their influence on folk, spirituals, gospels, concert music, opera, ballet, blues and jazz underscoring styles, characteristics, origin and

contributions by African American artists. (Credit allowed for only one of Music 135 and African American Studies 60.) Fulfills Humanities requirement.

MUSIC 136 MUSIC IN AMERICAN CULTURE (UC/CSU)

3 Units (Lec 3 Hrs)

A comparative and integrative study of the multi cultural music styles of the United States. Emphasis is given to the music of Native Americans, European Americans, African Americans, Chicano/Latino Americans, and Asian Americans, tracing the development of these various musical traditions from their historical roots to their influence on contemporary American music.

MUSIC 137 MUSIC AS A BUSINESS

3 Units (Lec 3 Hrs)

The student learns the skills and knowledge necessary for success in the many careers available in the music industry. Covers the roles of personal managers, agents and attorneys; the process of producing, publishing and copyrighting songs; and record production and marketing.

MUSIC 141 JAZZ APPRECIATION (UC/CSU)

3 Units (Lec 3 Hrs)

An introduction to American jazz music including its origins, stylistic development and cultural impact. This course is designed to increase student awareness of the relationship between jazz music and American society.

MUSIC 152-1 CURRENT MUSICAL EVENTS I (CSU)

1 Units (Lab 2 Hrs)

The student observes live concert performances, developing an understanding of the basic elements of music and acceptable audience behavior.

MUSIC 152-2 CURRENT MUSICAL EVENT II (CSU)

1 Units (Lab 2 Hrs)

The student observes and critiques live concert performances, developing an understanding of more advanced elements, styles and forms of music.

MUSIC 161 INTRODUCTION TO MUSIC TECHNOLOGY (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Advisory: Music 311 And Music 101

The student learns to record, program, and arrange music using computers and industry standard digital audio software. Topics include audio fundamentals, MIDI sequencing, DIY recording techniques, mixing, and current trends in music production.

MUSIC 180-1 APPLIED MUSIC LABORATORY I (CSU)

1.5 Units (Lab 5 Hrs)

The student uses departmental practice rooms to further enhance appropriate techniques and repertoire for the specific instrument or voice being studied in the co requisite music course, with an emphasis on the progressive development of skills needed for solo performance. The focus is on playing or singing with precise rhythms, correct pitches and accurate intonation.

MUSIC 180-2 APPLIED MUSIC LABORATORY II (CSU)

1.5 Units (Lab 5 Hrs)

The student uses departmental practice rooms to further enhance appropriate techniques and repertoire for the specific instrument or voice being studied in the co requisite music course, with an emphasis on the progressive development of skills needed for solo performance. The focus is on playing or singing with the articulation, dynamics, phrasing, and expression appropriate to the literature being studied, and if singing, diction appropriate to texts of the literature.

MUSIC 180-3 APPLIED MUSIC LABORATORY III (CSU)

1.5 Units (Lab 5 Hrs)

The student uses departmental practice rooms to further enhance appropriate techniques and repertoire for the specific instrument or voice being studied in the co requisite music course, with an emphasis on the progressive development of skills needed for solo performance. The focus is on demonstrating appropriate blend and balance when performing with an accompanist, and playing or singing in a manner suitable to the genre, period, and style of the literature.

MUSIC 180-4 APPLIED MUSIC LABORATORY IV (CSU)

1.5 Units (Lab 5 Hrs)

*Corequisite: Music 184**Prerequisite: Music 180 3*

The student uses departmental practice rooms to further enhance appropriate techniques and repertoire for the specific instrument or voice being studied in the co requisite music course, with an emphasis on the progressive development of skills needed for solo performance. The focus is on memorizing performance literature and development of repertoire for exit recital and auditions for transfer.

MUSIC 181 APPLIED MUSIC I (UC/CSU)

0.5 Units (Lab 1 Hrs)

Corequisite: Music 180A

The student studies appropriate techniques and repertoire for the specific instrument or voice being studied, with an emphasis on the progressive development of skills needed for solo performance. The focus is on playing or singing with precise rhythms, correct pitches and accurate intonation. Achievement is evaluated through a juried performance.

MUSIC 182 APPLIED MUSIC II (UC/CSU)

0.5 Units (Lab 1 Hrs)

*Corequisite: Music 180B**Prerequisite: Music 181*

The student studies appropriate techniques and repertoire for the specific instrument or voice being studied, with an emphasis on the progressive development of skills needed for solo performance. The focus is on playing or singing with the articulation, dynamics, phrasing, and expression appropriate to the literature being studied, and if singing, diction appropriate to texts of the literature. Achievement is evaluated through a juried performance.

MUSIC 183 APPLIED MUSIC III (UC/CSU)

0.5 Units (Lab 1 Hrs)

*Corequisite: Music 180C**Prerequisite: Music 182*

The student studies appropriate techniques and repertoire for the specific instrument or voice being studied, with an emphasis on the progressive development of skills needed for solo performance. The focus is on demonstrating appropriate blend and balance when performing with an accompanist, and playing or singing in a stylistically appropriate manner suitable to the genre, period, and style of the literature. Achievement is evaluated through a juried performance.

MUSIC 184 APPLIED MUSIC IV (UC/CSU)

0.5 Units (Lab 1 Hrs)

*Corequisite: Music 180D**Prerequisite: Music 183*

The student studies appropriate techniques and repertoire for the specific instrument or voice being studied, with an emphasis on the progressive development of skills needed for solo performance. The focus is on memorizing performance literature and development of repertoire for exit recital and auditions for transfer. Achievement is evaluated through a juried performance.

MUSIC 185 DIRECTED STUDY MUSIC (CSU)

1 Units (Lec 1 Hrs)

Vocal and instrumental students pursue directed study on a contract basis under the direction of a supervising instructor.

MUSIC 200 INTRODUCTION TO MUSIC THEORY (UC/CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

The student writes and recognizes rhythm and meter, basic properties of sound, intervals, diatonic scales and triads, diatonic chords, basic cadential formulas and phrase structure, dominant seventh chords, figured bass symbols, and non harmonic tones. The student applies and develops these materials through ear training, sight singing, analysis, and dictation. The student also develops skills in handwritten notation.

MUSIC 201 HARMONY I (UC/CSU)

3 Units (Lec 3 Hrs)

*Corequisite: Music 217 2**Prerequisite: Music 200*

The student writes and analyzes diatonic harmony including primary and secondary triads and the dominant seventh chord. Also includes figured bass and non harmonic tones, as well as introducing two part counterpoint, non dominant seventh chords, secondary dominants and modulation.

MUSIC 202 HARMONY II (UC/CSU)

3 Units (Lec 3 Hrs)

*Corequisite: Music 218 2**Prerequisite: Music 201*

The student writes and analyzes advanced diatonic and beginning chromatic harmony using seventh chords, modally borrowed chords, sequences, secondary dominants, simple modulations, basic musical forms, and the writing of original compositions.

MUSIC 203 HARMONY III (UC/CSU)

3 Units (Lec 3 Hrs)

*Corequisite: Music 219 2**Prerequisite: Music 202*

The student writes and analyzes advanced chromatic harmony using augmented chords, linear chromatic chords, Neapolitan chords, augmented sixth chords, chromatic mediants, tall chords, altered chords, and enharmonic and chromatic modulation. The student also writes and analyzes jazz and modal harmony as well as twentieth century techniques including Impressionism, tone rows, set theory, polytonality/pandiatonism, and advanced meter/rhythm.

MUSIC 205 COMMERCIAL HARMONY I (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Music 101

Students learn harmonic chord progressions used in popular music including rock, jazz, Latin, funk and fusion, among others. Students are introduced to song writing by adding a melody over given harmonic structures.

MUSIC 211 MUSICIANSHIP I (UC/CSU)

1 Units (Lab 3 Hrs)

*Corequisite: Music 201**Prerequisite: Music 200*

The student applies and develops the rhythmic, melodic, and harmonic materials of Harmony I through ear training, sight singing, analysis, and dictation.

MUSIC 212 MUSICIANSHIP II (UC/CSU)

1 Units (Lab 3 Hrs)

*Corequisite: Music 202**Prerequisite: Music 211*

The student applies and develops the rhythmic, melodic, and harmonic materials of Harmony II (advanced diatonic and beginning chromatic harmony) through ear training, sight singing, analysis, and dictation.

MUSIC 213 MUSICIANSHIP III (UC/CSU)

1 Units (Lab 3 Hrs)

*Corequisite: Music 203**Prerequisite: Music 212*

The student applies and develops the rhythmic, melodic, and harmonic materials of Harmony III (advanced chromatic harmony, jazz and modal harmony, and twentieth century techniques) through ear training, sight singing, analysis, and dictation.

MUSIC 217 2 MUSICIANSHIP II (CSU)

1 Units (Lab 3 Hrs)

*Corequisite: Music 201**Prerequisite: Music 200*

The student applies and develops the rhythmic, melodic, and harmonic materials of Harmony I (diatonic harmony) through ear training, sight singing, analysis, and dictation.

MUSIC 217 3 MUSICIANSHIP III (CSU)

1 Units (Lab 3 Hrs)

Course description not available.

MUSIC 218 SIGHT READING I (CSU)

1 Units (Lec 1 Hrs)

Prerequisite: Music 200

The student will acquire basic skills in sight reading rhythms and melodies. The goal is to acquire sight reading skills necessary for reading, performing, composing and producing music.

MUSIC 218-2 MUSICIANSHIP III (CSU)

1 Units (Lab 3 Hrs)

*Corequisite: Music 202**Prerequisite: Music 217 2*

The student applies and develops the rhythmic, melodic, and harmonic materials of Harmony II (advanced diatonic and beginning chromatic harmony) through ear training, sight singing, analysis, and dictation.

MUSIC 219 SIGHT READING II (CSU)

1 Units (Lec 1 Hrs)

Prerequisite: Music 218

The student will acquire skills in sight reading more advanced rhythms and melodies. The goal is to acquire sight reading skills necessary for reading, performing, composing and producing music.

MUSIC 219-2 MUSICIANSHIP IV (CSU)

1 Units (Lab 3 Hrs)

*Corequisite: Music 203**Prerequisite: Music 218 2*

The student applies and develops the rhythmic, melodic, and harmonic materials of Harmony III (advanced chromatic harmony and twentieth century techniques) through ear training, sight singing, analysis, and dictation.

MUSIC 220 MUSIC THEORY AND LISTENING LAB (CSU)

0.5 Units (RPT 3) (Lab 1 Hrs)

Prerequisite: Music 161

The student learns the critical listening skills necessary for music production. Topics include identifying frequencies, instrument ranges, equalization, and effects. Students additionally learn contemporary arranging and production techniques.

MUSIC 221 COUNTERPOINT I (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Music 202

The student studies 18th century contrapuntal techniques in two, three and four voices, including species counterpoint, invertible counterpoint, motive development and canon and resulting in analysis and composition of two part inventions, binary dance forms and three and four part fugue expositions.

MUSIC 223 TWENTIETH CENTURY COMPOSITIONAL TECHNIQUES (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Music 202

The student learns melodic, harmonic and rhythmic techniques of the Twentieth Century, resulting in the writing of original compositions.

MUSIC 224 COMPOSITION (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Music 201

The student composes instrumental works based on specific compositional techniques. The student will establish a solid technique in counterpoint, harmony, and instrumentation, resulting in a greater awareness of new compositional ideas and aesthetics. The goal is to apply those techniques and ideas to the development of a personal approach to composition.

MUSIC 231 ORCHESTRATION AND ARRANGING I (UC/CSU)

3 Units (Lec 3 Hrs)

*Advisory: Music 241**Prerequisite: Music 202*

The student studies instrumentation and beginning orchestration, including writing for various instrumental groups.

MUSIC 250 MUSIC PERFORMANCE WORKSHOP (CSU)

1 Units (Lab 3 Hrs)

The student prepares, rehearses, and performs selected musical works for small ensemble, focusing on rhythm, articulation, expression, blend and balance, appropriate performance practice, and professional standards of conduct. (Confirmation of enrollment is subject to audition.)

MUSIC 251-1 JAZZ IMPROVISATION WORKSHOP I (UC/CSU)

1 Units (Lab 3 Hrs)

The student improvises and performs level one standard repertoire in a jazz combo setting. Focus is on swing, bebop and blues. For intermediate to advanced jazz instrumentalists only.

MUSIC 251-2 JAZZ IMPROVISATION WORKSHOP II (UC/CSU)

1 Units (Lab 3 Hrs)

The student improvises and performs level two standard repertoire in a jazz combo setting. Focus is on modal and pentatonic scales and hard bop style. For intermediate to advanced jazz instrumentalists only.

MUSIC 251-3 JAZZ IMPROVISATION WORKSHOP III (UC/CSU)

1 Units (Lab 3 Hrs)

The student improvises and performs level three standard repertoire in a jazz combo setting. Focus is on modern jazz style. For intermediate to advanced jazz instrumentalists only.

MUSIC 251-4 JAZZ IMPROVISATION WORKSHOP IV (UC/CSU)

1 Units (Lab 3 Hrs)

Course description not available.

MUSIC 261-1 MUSIC TECHNOLOGY WORKSHOP I (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

The student learns advanced electro acoustic MIDI and computer assisted music techniques for both the Mac and PC platforms. Emphasis is on MIDI and audio sequencing in Pro Tools.

MUSIC 261-2 MUSIC TECHNOLOGY WORKSHOP II (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Music 261 1

This is the second in an advanced series of courses that emphasize the study and application of electronic, electro acoustic, and digital music techniques. Technical, compositional, and performance skills applied to synthesizers, computers, MIDI, software applications, virtual instruments and digital recording equipment will be introduced and developed.

MUSIC 261-3 MUSIC TECHNOLOGY WORKSHOP III (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Music 261 2

The student continues to learn music production techniques, including signal processing, automation, video synchronization, and advanced audio editing.

MUSIC 270 DJ WORKSHOP

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Advisory: Music 101, Music 161

An introduction to the history of the modern DJ and the use of DJ equipment, turntables, synthesizers, computers, and recording equipment in the making of music. Topics include DJ specific computer hardware and software, composing with modern sequencing techniques, MIDI (Musical Instrument Digital Interface), and basic digital audio. Students will demonstrate skills in a variety of professional DJ performance situations.

MUSIC 271 SONGWRITERS' WORKSHOP I (CSU)

3 Units (Lec 3 Hrs)

Students learn the conventions of songwriting including lyrics, melody, the relationship of lyrics and music, harmony, and song structure. Students analyze a wide variety of songs and applies the conventions of songwriting in the composition and performance of original songs.

MUSIC 281 COMMERCIAL MUSIC TECHNIQUES I (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Music 161, Music 201

The first in a sequence of courses offering the opportunity to develop the techniques of music for commercial applications. Skills in the preparation of music for compact disc and DVD production, multimedia applications, audio production techniques, song writing, arranging and stage performance will be emphasized.

MUSIC 282 COMMERCIAL MUSIC TECHNIQUES II (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Music 161

The student continues developing techniques of music for commercial applications. Advanced skills in the preparation of music for compact disc and DVD production, multimedia applications, audio production techniques, songwriting, score realization, stage performance and talent promotion will be emphasized.

MUSIC 285 DIRECTED STUDY MUSIC (CSU)

2 Units (Lec 2 Hrs)

Vocal and instrumental students pursue directed study on a contract basis under the direction of a supervising instructor.

MUSIC 291 MUSIC PRODUCTION FOR MULTIMEDIA I (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Advisory: Music 261

Prerequisite: Music 161

The student develops functional skills to utilize synthesizers, digital keyboards, sequencers, digital audio interface, MIDI controllers, computers and other MIDI equipment.

MUSIC 292 MIDI INSTRUMENTS INSTRUCTION II (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 291

The student continues to develop functional skills to utilize MIDI instruments. Emphasis is on advanced MIDI instrument techniques and applications in creative music technology using both Mac and PC computers.

MUSIC 311 PIANO I (UC/CSU)

1 Units (Lab 2 Hrs)

The student receives instruction in basic piano skills with an emphasis on learning to read music, play finger patterns, scales, chords, and beginning pieces. Students are required to furnish their own headphones.

MUSIC 312 PIANO II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Music 311

The student receives continued instruction in basic piano skills emphasizing note reading, simple major and minor scales in quarter and eighth note patterns, triads, repertoire and memorization. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 313 PIANO III (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Music 312

The student receives continued instruction in developing piano skills with increasing emphasis on note reading, major and minor scale techniques, cadences, triads, repertoire from major historical periods, and memorization. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 314 PIANO IV (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Music 313

The student receives instruction in piano skills emphasizing major and minor scales; major and minor arpeggios; repertoire from the Baroque, Classical, Romantic, and 20th Century; and memorization. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 341-1 INTERMEDIATE PIANO I (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

The student studies, practices, and performs level one intermediate piano repertoire from the Baroque, Classical, Romantic, and Twentieth Century periods selected by the instructor. Repertoire to include the equivalent of Bach inventions, Diabelli

sonatinas, Schumann Kinderszenen, and Kabalevsky Op. 27. Technique to include the equivalent of Hanon 60 exercises #1 19, Czerny Op. 100 #10 20, and all melodic minor scales in four octaves with cadences. Public performances are required. For the piano student who has studied for two or more years of private or class piano.

MUSIC 341-2 INTERMEDIATE PIANO II (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

The student studies, practices, and performs level two intermediate piano repertoire from the Baroque, Classical, Romantic, and Twentieth Century periods selected by the instructor. Repertoire to include the equivalent of Bach sinfonias, Haydn early sonatas, Chopin mazurkas and Bartok Mikrokosmos Book #3. Technique to include the equivalent of Hanon 60 exercises #20 29, Czerny Op. 100 #20 30, and all major scales in thirds in four octaves with cadences. Public performances are required. For the piano student who has studied for two or more years of private or class piano.

MUSIC 341-3 INTERMEDIATE PIANO III (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

The student studies, practices, and performs level three intermediate piano repertoire from the Baroque, Classical, Romantic, and Twentieth Century periods selected by the instructor. Repertoire to include the equivalent of Bach Well Tempered Clavier Book 1, Mozart early sonatas, Mendelssohn Songs without Words Book 1, Shostakovich Preludes, Op. 34. Technique to include the equivalent of Hanon 60 exercises #30 39, Czerny Op. 299 #1 9, and all harmonic minor scales in thirds and arpeggios in four octaves with cadences. Public performances are required. For the piano student who has studied for two or more years of private or class piano.

MUSIC 341-4 INTERMEDIATE PIANO IV (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

The student studies, practices, and performs level four intermediate piano repertoire from the Baroque, Classical, Romantic, and Twentieth Century periods selected by the instructor. Repertoire to include the equivalent of Bach French Suites, Beethoven early sonatas, Schubert impromptus, and Prokofiev Visions Fugitives. Technique to include the equivalent of Hanon 60 exercises #40 60, Czerny, Op. 299 #10 20, all melodic minor scales in thirds, and arpeggios in four octaves with cadences. Public performances are required. For the piano student who has studied for two or more years of private or class piano.

MUSIC 361-1 COMMERCIAL PIANO TECHNIQUES**WORKSHOP I (CSU)**

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Course description not available.

MUSIC 361-2 COMMERCIAL PIANO TECHNIQUES**WORKSHOP II (CSU)**

2 Units (Lec 1 Hrs / Lab 2 Hrs)

The student learns chords and chord progressions used in jazz and popular music styles as applied to the keyboard, focusing on chromatic seventh chords and sequences, chord extensions and the blues scale.

**MUSIC 361-3 COMMERCIAL PIANO TECHNIQUES
WORKSHOP III (CSU)**

2 Units (Lec 1 Hrs / Lab 2 Hrs)

The student learns chords and chord progressions used in jazz and popular music styles as applied to the keyboard, focusing on comping chords and rhythms, walking bass lines, chord substitutions, and various song forms.

**MUSIC 361-4 COMMERCIAL PIANO TECHNIQUES
WORKSHOP IV (CSU)**

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 361 3

The student learns chords and chord progressions used in jazz and popular music styles as applied to the keyboard, focusing on the Jazz styles of Blues, Swing, Ballad, Bebop, and Latin. Students will also realize lead sheets into two hand piano arrangements.

MUSIC 385 DIRECTED STUDY MUSIC (CSU)

3 Units (Lec 3 Hrs)

Vocal and instrumental students pursue directed study on a contract basis under the direction of a supervising instructor.

MUSIC 400 VOICE FUNDAMENTALS (UC/CSU)

1 Units (Lab 2 Hrs)

Students learn the fundamentals of singing, and perform simple songs and exercises. Students demonstrate an understanding of the singing mechanism, the body as a musical instrument, and develop vocal potential.

MUSIC 401 CLASSICAL VOICE I (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Music 400

The student concentrates on general basic fundamentals of singing using vocal exercises and simple arias and art songs in Italian. Italian pronunciation and vocal style will be studied. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 402 CLASSICAL VOICE II (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Music 401

The student learns the basic fundamentals of singing using vocal exercises, simple arias and art songs in German. German pronunciation and vocal style will be studied. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 403 CLASSICAL VOICE III (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Music 402

The student learns the basic fundamentals of singing using vocal exercises, simple arias and art songs in French. French pronunciation and vocal style will be studied. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 404 CLASSICAL VOICE IV (UC/CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Music 403

The student learns the fundamentals of singing using more advanced vocal exercises, arias and art songs in French, German and Italian. Focus is on interpretation and pronunciation. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 431 COMMERCIAL VOICE I (CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Music 400

The student concentrates on the basic fundamentals of singing using vocal exercises and songs selected from the commercial song literature. Course includes coaching sessions with class accompanist. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 432 COMMERCIAL VOICE II (CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Music 431

The student concentrates on the singing voice using more difficult vocal exercises and songs from the many areas of commercial vocal music. Stylistic interpretation and performance practices will be emphasized. Course includes coaching sessions with class accompanist. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 433 COMMERCIAL VOICE III (CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Music 432

The more advanced singer concentrates on the study through performance of the stylistic interpretations and performance practices of the many areas of commercial vocal music. Course includes coaching sessions with class accompanist. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 434 COMMERCIAL VOICE IV (CSU)

1 Units (Lab 2 Hrs)

Prerequisite: Music 433

The advanced singer concentrates on the stylistic interpretations and performance practice of commercial vocal music, focusing on mic technique and the development of a unique personal style. Course includes coaching sessions with class accompanist. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 501 COLLEGE CHOIR (UC/CSU)

1 Units (RPT 3) (Lab 3 Hrs)

The student prepares, rehearses and performs selected musical works for beginning choir, focusing on rhythm, intonation, articulation, expression, blend and balance, following the conductor, appropriate performance practice, and professional standards of conduct.

MUSIC 531 PHILHARMONIC CHOIR (UC/CSU)

1 Units (RPT 3) (Lab 3 Hrs)

The student prepares, rehearses and performs selected musical works for a large intermediate choir, focusing on rhythm, intonation, articulation, expression, blend and balance, following the conductor, appropriate performance practice, and professional standards of conduct. (Confirmation of enrollment subject to audition.)

MUSIC 561 CHAMBER CHORALE (UC/CSU)

1 Units (RPT 3) (Lab 3 Hrs)

The student prepares, rehearses and performs selected musical works for a small advanced choir, focusing on rhythm, intonation, articulation, expression, blend and balance, following the conductor, appropriate performance practice, and professional standards of conduct. (Confirmation of enrollment subject to audition.)

MUSIC 601 BRASS INSTRUMENT INSTRUCTION I (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

The student receives basic instruction on the brass instruments, including trumpet, French horn, trombone and tuba. Some instruments available to loan to enrolled students. Open to all students.

MUSIC 602 BRASS INSTRUMENT INSTRUCTION II (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 601

The student learns more advanced brass instrument techniques with emphasis on the development of embouchure, range, endurance and music reading skills. Some instruments available to loan to enrolled students. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 603 BRASS INSTRUMENT INSTRUCTION III (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 602

The student learns more advanced brass instrument techniques with increased emphasis in all areas covered. Primary emphasis is on interpretation of more complex rhythmic notation and performance skills. Some instruments available to loan to enrolled students. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 604 BRASS INSTRUMENT INSTRUCTION IV (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 603

The student learns more advanced brass instrument techniques with increased emphasis in all areas covered. Primary emphasis is on interpretation of solo and small ensemble literature. Some instruments available to loan to enrolled students. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 611 STRING INSTRUMENT INSTRUCTION I (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

The student receives basic instruction on the string instruments, either violin, viola, cello or bass. Some instruments available to loan to enrolled students. Open to all students.

MUSIC 612 STRING INSTRUMENT INSTRUCTION II (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 611

The student learns more advanced string instrument techniques with increased emphasis in all areas covered. Primary emphasis is on development of bow and fingering techniques and music reading skills. Some instruments available to loan to enrolled students. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 613 STRING INSTRUMENT INSTRUCTION III (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 612

The student learns more advanced string instrument techniques with increased emphasis in all areas covered. Primary emphasis is on development of bow and fingering technique in third position and music reading skills. Some instruments available to loan to enrolled students. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 614 STRING INSTRUMENT INSTRUCTION IV (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 613

The student learns more advanced string instrument techniques with increased emphasis in all areas covered. Primary emphasis is on interpretation of advanced solo and small ensemble literature. Some instruments available to loan to enrolled students. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 621 WOODWIND INSTRUMENT INSTRUCTION I (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

The student learns basic woodwind instrument techniques. Includes flute, oboe, clarinet, bassoon and saxophone. Some instruments available to loan to enrolled students. Open to all students.

MUSIC 622 WOODWIND INSTRUMENT INSTRUCTION II (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 621

The student learns more advanced woodwind instrument techniques with increased emphasis in all areas covered. Primary emphasis is on embouchure development, range, endurance and music reading skills. Some instruments available to loan to enrolled students. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 623 WOODWIND INSTRUMENT INSTRUCTION III (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 622

The student learns more advanced woodwind instrument techniques with increased emphasis in all areas covered. Primary emphasis is on interpretation of more complex rhythmic notation and performance skills. Some instruments available to loan to enrolled students. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 624 WOODWIND INSTRUMENT INSTRUCTION IV (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 623

The student learns more advanced woodwind instrument techniques with increased emphasis in all areas covered. Primary emphasis is on interpretation of advanced solo and small ensemble literature. Some instruments available to loan to enrolled students. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 631 PERCUSSION INSTRUMENT INSTRUCTION I (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

The student learns basic rhythms, rudiments, beginning notation and meter as applied to the snare drum and 2 mallet percussion instruments.

MUSIC 632 PERCUSSION INSTRUMENT INSTRUCTION II (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 632

The student continues with basic rhythms, rudiments, beginning notation and meters as applied to the snare drum and related percussion instruments. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 633 PERCUSSION INSTRUMENT INSTRUCTION III (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 632

The student receives intermediate instruction on percussion instruments and develop greater skill in the reading of percussion notation and in the playing of drum set. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 634 PERCUSSION INSTRUMENT INSTRUCTION IV (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 633

The advanced student develops greater skill in the reading of percussion notation and in the playing of drum set as it relates to contemporary funk styles. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 650 BEGINNING GUITAR (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

The student learns basic positioning of body and hands, music notation and reading, finger picking and chord accompaniment. Designed for students with no previous musical training. Student must provide own guitar.

MUSIC 651 CLASSICAL GUITAR I (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 650

The student reinforces fundamental music reading, right and left hand playing techniques and performance of elementary solo guitar compositions. For students who wish to continue beyond the beginning level. Student must provide own guitar. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 652 CLASSICAL GUITAR II (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 651

This course is for intermediate level students who want to progress further into more complex and technically demanding compositions. Greater playing skill is achieved through performance and evaluation of numerous exercises and solos. Student must provide own guitar. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 653 CLASSICAL GUITAR III (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 652

Intermediate to advanced students probe deeper into analysis and performance practices of the classical guitarist. Compositions of greater harmonic and technical complexity are evaluated and performed. Student must provide own guitar. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 654 CLASSICAL GUITAR IV (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 653

The student analyzes, prepares and performs advanced compositions for classical guitar, incorporating the full range of classical guitar techniques. Musicianship and aesthetics of music are considered in depth. Ensembles of various sizes prepare and perform music from all eras.

MUSIC 661 COMMERCIAL GUITAR I (UC/CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Students interested in popular and jazz guitar techniques explore topics such as Chords, Scales, Blues and Swing patterns. Students also practice soloing styles and accompaniment techniques as well as ensemble playing in jazz bands and combos.

MUSIC 664 COMMERCIAL GUITAR IV (UC/CSU)

2 Units (Lec 1.5 Hrs / Lab 1.5 Hrs)

Prerequisite: Music 663

In this course, a continuation of Music 663, the student will learn more advanced sight reading and improvisation skills, Advanced Jazz chords and chord substitutions with associated scales, comping styles, as well as the application of more advanced technical skills necessary for the performing amateur and professional guitarist. Jazz and popular music literature is used as a basis for study.

MUSIC 670 FINGERBOARD HARMONY (CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Music 650

Students further their understanding of chord construction and progressions on the guitar. (If prerequisite is not met, enrollment is subject to audition.)

MUSIC 702 COMMERCIAL ENSEMBLE (CSU)

1 Units (Lab 3 Hrs)

Rehearsal and performance of commercial music including the blues, rock, pop, R&B, hip hop, current popular music, electronic music, and original material. Open to instrumentalists, midi instruments/controllers, vocalists, MCs and DJs. Music is prepared for public performances.

MUSIC 705 CHAMBER MUSIC (UC/CSU)

1 Units (RPT 3) (Lab 3 Hrs)

The student prepares, rehearses, and performs selected musical works for chamber ensemble, focusing on rhythm, articulation, expression, blend and balance, appropriate performance practice, and professional standards of conduct. (Confirmation of enrollment subject to audition.)

MUSIC 711 REHEARSAL ORCHESTRA (UC/CSU)

1 Units (RPT 3) (Lab 3 Hrs)

The student prepares, rehearses and performs selected musical works for orchestra, focusing on rhythm, intonation, articulation, expression, blend and balance, following the conductor, appropriate performance practice, and professional standards of conduct. (Confirmation of enrollment subject to audition.)

MUSIC 725 COMMUNITY ORCHESTRA (UC/CSU)

1 Units (RPT 3) (Lab 3 Hrs)

The student prepares, rehearses and performs selected large musical works for orchestra, focusing on rhythm, intonation, articulation, expression, blend and balance, following the conductor, appropriate performance practice, and professional standards of conduct. (Confirmation of enrollment subject to audition.)

MUSIC 751 WIND ENSEMBLE (UC/CSU)

1 Units (RPT 3) (Lab 3 Hrs)

The student prepares, rehearses and performs selected musical works for wind ensemble, focusing on rhythm, intonation, articulation, expression, blend and balance, following the conductor, appropriate performance practice, and professional standards of conduct. (Confirmation of enrollment subject to audition.)

MUSIC 765 PERCUSSION ENSEMBLE (UC/CSU)

1 Units (RPT 3) (Lab 3 Hrs)

The student prepares, rehearses and performs selected musical works for percussion ensemble, focusing on rhythm, articulation, expression, blend and balance, following the conductor, appropriate performance practice, and professional standards of conduct. (Confirmation of enrollment subject to audition.)

MUSIC 771 GUITAR ENSEMBLE (UC/CSU)

1 Units (RPT 3) (Lab 3 Hrs)

The student prepares, rehearses and performs selected musical works for guitar ensemble, focusing on rhythm, intonation, articulation, expression, blend and balance, following the conductor, appropriate performance practice, and professional standards of conduct. (Confirmation of enrollment subject to audition.)

MUSIC 781 STUDIO JAZZ BAND (UC/CSU)

1 Units (RPT 3) (Lab 4 Hrs)

The student prepares, rehearses and performs selected musical works for jazz band, focusing on rhythm, intonation, articulation, expression, blend and balance, following the conductor, improvisation of solos, and professional standards of conduct. (Confirmation of enrollment subject to audition.)

MUSIC 782 JAZZ COMBOS (UC/CSU)

1 Units (Lab 3 Hrs)

The student learns to perform and arrange repertoire for small jazz ensembles. This course is designed for intermediate to advanced instrumentalists and vocalists. (Confirmation of enrollment subject to audition.)

MUSIC 783-1 POP MUSIC WORKSHOP I (CSU)

1 Units (Lab 3 Hrs)

Students rehearse and perform pop songs, folk music, rock music, musical pieces, and/or Broadway musical songs in a variety of small combo settings. Emphasis is placed on presentation and live performance.

MUSIC 783-2 POP MUSIC WORKSHOP II (CSU)

1 Units (Lab 3 Hrs)

Prerequisite: Music 783 1

Students rehearse and perform assigned second level pop songs, folk music, rock music, musical pieces, and/or Broadway musical songs in a variety of small combo settings. Emphasis is placed on presentation and live performance.

MUSIC 783-3 POP MUSIC WORKSHOP III (CSU)

1 Units (Lab 3 Hrs)

Prerequisite: Music 783 2

Students rehearse and perform assigned third level pop songs, folk music, rock music, musical pieces, and/or Broadway musical songs in a variety of small combo settings. Emphasis is placed on presentation and live performance.

MUSIC 783-4 POP MUSIC WORKSHOP IV (CSU)

1 Units (Lab 3 Hrs)

Prerequisite: Music 783 3

Students rehearse and perform assigned fourth level pop songs, folk music, rock music, musical pieces, and/or Broadway musical songs in a variety of small combo settings. Emphasis is placed on presentation and live performance.

MUSIC 911 COOPERATIVE EDUCATION MUSIC (CSU)

1 Units (Lec 1 Hrs)

Advisory: Music 101, Music 161

Students receive credit for approved internships with an employer in the music industry. The work site must be approved by the Department Chair.

MUSIC 921 COOPERATIVE EDUCATION MUSIC (CSU)

2 Units (Lec 2 Hrs)

Advisory: Music 101, Music 161

Students receive credit for approved internships with an employer in the music industry. The work site must be approved by the Department Chair.

MUSIC 931 COOPERATIVE EDUCATION MUSIC (CSU)

3 Units (Lec 3 Hrs)

Advisory: Music 101, Music 161

Students receive credit for approved internships with an employer in the music industry. The work site must be approved by the Department Chair.

MUSIC 941 COOPERATIVE EDUCATION MUSIC (CSU)

4 Units (Lec 4 Hrs)

Advisory: Music 101, Music 161

Students receive credit for approved internships with an employer in the music industry. The work site must be approved by the Department Chair.

OCEANOGRAPHY (OCEANO)

OCEANO 001 INTRODUCTION TO OCEANOGRAPHY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

The student receives a general introduction to the origin of the universe, plate tectonics, ocean basins, water, beaches, tides, and the overall uses and abuses of the ocean by human beings.

PHILOSOPHY (PHILOS)

PHILOS 001 INTRODUCTION TO PHILOSOPHY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students discuss questions, including their relevance to our daily lives, such as the following: Does life have meaning? Does God exist? Do we have free will? Can we trust our senses?

PHILOS 005 CRITICAL THINKING AND COMPOSITION (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 101

The student develops critical thinking skills necessary for evaluating and formulating argumentative/persuasive essays. Instruction in writing is a central focus of this course.

PHILOS 006 LOGIC IN PRACTICE (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students apply logical principles and critical thinking to everyday life in such areas as advertising, news reports, and editorials.

PHILOS 008 DEDUCTIVE LOGIC (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67 And Philosophy 6

Students develop the ability to think critically and to reason correctly. Attention will be given to both formal and informal logic.

PHILOS 009 SYMBOLIC LOGIC I (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28, Philosophy 6

The student learns to translate, analyze and evaluate arguments in modern symbolic logic by employing the principles and methods of propositional and predicate logic.

PHILOS 014 HISTORY OF MODERN EUROPEAN PHILOSOPHY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67, Philosophy 1

Students receive instruction in the development of the ideas which shape the modern mind. The individual's relationship to the state, to his/her fellow human beings and to the universe will be explored in the works of modern philosophers.

PHILOS 020 ETHICS (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

The student learns the major historical and contemporary ethical theories, as well as a discussion and analysis of current moral issues.

PHILOS 030 ASIAN PHILOSOPHY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students distinguish between the major philosophies of India, China and Japan, including Hinduism, Buddhism, Confucianism and Taoism. Consideration is given to the differences between Eastern and Western thought.

PHILOS 032 PHILOSOPHY OF RELIGION (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67, Philosophy 1

The student learns the significant philosophical issues and theories, both historical and contemporary. The course emphasizes the exposition, discussion and analysis of the rationality of religious beliefs.

PHILOS 040 INTRODUCTION TO THE PHILOSOPHY OF ART (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students learn various philosophical theories regarding the nature of art, 'beauty' and the aesthetic experience.

PHOTOGRAPHY (PHOTO)

PHOTO 001 ELEMENTARY PHOTOGRAPHY (CSU)

6 Units (Lec 3 Hrs / Lab 9 Hrs)

Prerequisite: Photography 010

The student learns all phases of professional techniques, emphasizing view camera operation, exposure and development control of film, printing for optimum technical and aesthetic values, basic lighting techniques, theory of photographic processes, and basic sensitometry. Estimated material cost is approximately \$300. Owning a professional quality light meter is recommended. Owning medium format or 4x5 camera equipment is not essential. This is a required course for photography majors.

PHOTO 007 EXPLORING DIGITAL PHOTOGRAPHY (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

The student learns the uses and applications of professional digital SLR cameras in this introductory course. Camera controls, elements of composition, and photographing with natural light will be stressed. Professional digital cameras may be provided by the department for student usage. Students may use their own cameras to supplement assignments. Owning a digital camera is not a requirement but is highly recommended.

PHOTO 010 BEGINNING PHOTOGRAPHY (UC/CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

The student learns the basic principles of black and white analog photography from the mechanical creation of the image with camera and film to enlarging the photograph for display, while applying the guidelines of composition, communication and self expression. 35mm single lens camera required. Automatic cameras are OK, but they must have manual shutter speed and lens opening capability. An approximate supply cost is \$175. Student must attend the first lecture meeting, or be replaced by students wishing to add. This is a traditional darkroom class.

PHOTO 015 FUNDAMENTALS OF PORTRAITURE (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: Photography 001 Or Photography 107

Students learn to create individualized portraits utilizing a wide variety of traditional lighting styles both on location with available light, and in the studio with professional tungsten lighting and electronic strobes. Students learn how model selection, posing techniques, wardrobe, props, locations and other factors contribute to the total professional portrait. Students will make portraits of individuals, couples and groups. Students learn to make decisions regarding camera format including digital and film, printing and presentation.

PHOTO 020 BEGINNING PHOTOJOURNALISM (CSU)

4 Units (Lec 2 Hrs / Lab 6 Hrs)

Advisory: Photography 007

Students learn photography for publications, including magazines, wire services, print and online newspapers and campus publications. The primary emphasis is on digital photography and its use in the journalism and publication worlds. Students practice using cameras and computers, correctly applying the techniques of instruction to photo journalistic methods and visual news gathering.

PHOTO 022 CREATIVE PHOTO VISION

3 Units (Lec 2 Hrs / Lab 3 Hrs)

*Advisory: Photography 107**Prerequisite: Photography 001*

The student learns sensitive seeing through avenues of self expression in nontraditional photographic techniques including non silver processes, collage, hand coloring, serial imagery and other alternative processes. The student explores the creative and artistic applications of the materials and processes of silver and non silver photography. Emphasis is placed on the combining of technical skill with the aesthetic and expressive use of the media.

PHOTO 034 HISTORY OF PHOTOGRAPHY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students recognize and identify the major historical developments of in photography including major technological inventions and advancements, styles and movements, and important photographers from 1826 through 1960. Special attention is paid to the impact of the photographic image and how it has shaped modern art and culture worldwide.

PHOTO 046 PHOTOGRAPHIC DIGITAL IMAGING (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

In this beginning course, students will utilize Adobe Photoshop tools to solve practical photographic problems such as color and tonal correction and retouching. Students will also learn non destructive image editing techniques to maintain the highest quality images possible and will correctly prepare files for both print and web output.

PHOTO 049 ADVANCED PHOTOGRAPHIC DIGITAL IMAGING (CSU)

6 Units (Lec 3 Hrs / Lab 9 Hrs)

*Advisory: Photography 007**Prerequisite: Photography 46*

Students learn advanced digital imaging/Photoshop techniques, scanning, self promotion through Web content, and branding to enhance their marketability in the digital arena. Students will use computers and photographic digital software to alter, enhance, and create new images that can be output to print and digital media. Detailed instruction in the application of Adobe Photoshop will be covered. Development of concept and design, and the use of photographic images are emphasized. Creation of specialized projects will integrate digital image manipulation, compositing/collaging, retouching, editing and other specialized Photoshop techniques.

PHOTO 050 SPECIALTY FIELDS

3 Units (Lab 9 Hrs)

Prerequisite: Photography 001 Or Photography 107

The advanced student contracts with the instructor to produce an independent study photography project that is the basis of a free lance, photojournalistic, commercial or fine art photographic portfolio. The student designs a portfolio based on individual concepts and goals under the guidance of the instructor.

PHOTO 107 INTERMEDIATE DIGITAL PHOTOGRAPHY (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

Prerequisite: Photography 007 And Photography 046

The student learns all levels of digital imagery workflow, from image ingestion through pre production, production, delivery and archiving while working on course projects. Prerequisites: Photo 7 and Photo 46 with a grade of C or better.

PHOTO 501 MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

The student learns the analysis of film and modern visual media, including the cinema, television, the internet, advertising, social networking and fine art. The student learns to examine the broad questions of form and content, aesthetics and meaning, and history and culture, exploring the diverse possibilities presented by the cinematic art form through an examination of a wide variety of productions, national cinemas, and film movements. Topics include modes of production, narrative and non narrative forms, visual design, editing, sound, genre, ideology and critical analysis. This course is recommended for all cinema and photography majors, and is open to graphic artists as well as the general public.

PHOTO 911 COOPERATIVE EDUCATION**PHOTOGRAPHY (CSU)**

1 Units (RPT 3) (Lec 1 Hrs)

Advisory: Photography 107 And Photography 001

Students receive credit for approved internships with an employer in the photography industry. The work site must be approved by the Department Chair.

PHYSICAL SCIENCE (PHYS SC)**PHYS SC 010 PHYSICS AND THE MOVIES (CSU)**

3 Units (RPT 1) (Lec 3 Hrs)

Advisory: English 028

The student learns the basic principles of physics: mechanics, forces, Newton's laws, fluids, oscillations, heat, optics, sound, electricity & magnetism and relativity, by applying them to analyses of popular movie scenes to gauge their level of physical plausibility and realism.

PHYSICS (PHYSICS)**PHYSICS 006 GENERAL PHYSICS I (UC/CSU)**

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Prerequisite: Mathematics 240

Students learn the fundamentals of Newtonian physics, such as mechanics, heat and sound. This course is designed for majors in Health and Life Sciences, Architecture, and all those needing a one year course in college physics requiring trigonometry but not calculus.

PHYSICS 007 GENERAL PHYSICS II (UC/CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Prerequisite: Physics 006

Students learn the later developments of physics leading through electricity and magnetism to optics, relativity and quantum theory, atomic and nuclear physics. This course is designed for majors in Health and Life Sciences, Architecture, and all those needing a one year course in college physics requiring trigonometry but not calculus.

PHYSICS 011 INTRODUCTORY PHYSICS (UC/CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

*Advisory: English 028 And English 67**Prerequisite: Mathematics 240*

This general introductory course with laboratory serves as the prerequisite for Physics 101, 6, 21, and for the health career programs. It is aimed at developing physical intuition, problem solving techniques, and laboratory procedures. It is not open to students who have had a college course in physics. Those needing only one semester of laboratory science should consider enrolling in Physics 12.

PHYSICS 012 PHYSICS FUNDAMENTALS (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students learn a practical and historical overview of basic physics, including laws of motion, properties of matter, heat, sound, electricity and magnetism, light, atomic and nuclear

physics, and relativity, and is reminded of their role in technology and culture today. No mathematical preparation is needed. If a student wishes to transfer this as a lab science course, the student must also complete Physics 14.

PHYSICS 014 PHYSICS FUNDAMENTALS LABORATORY (UC/CSU)

1 Units (Lab 3 Hrs)

*Advisory: English 021**Corequisite: Physics 012*

The student will learn to use basic laboratory techniques to understand and apply simple physical laws and concepts, including the use of graphs, calculators and simple measurements to understand and measure the speed of sound, forces, densities, velocities, indexes of refraction, specific heats, and verify Hooke's Law, Boyle's law, and Ohm's Law. When taken with or after Physics 12, it completes the unit requirement for a Natural Science course with laboratory.

PHYSICS 021 GENERAL PHYSICS I WITH CALCULUS (UC/CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

*Corequisite: Mathematics 261**Prerequisite: Physics 11 Or Highschool Physics*

Physics 21 is the first of a two semester, calculus based, sequence of general physics courses. (Physics 22 completes the sequence.) This sequence is recommended and designed for Pre medical students, Life Science students and other students that require a two semester, calculus based, sequence of physics courses. Topics covered in Physics 21 include mechanics, waves and fluids, with an emphasis on applications to the life sciences.

PHYSICS 022 GENERAL PHYSICS II WITH CALCULUS (UC/CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Prerequisite: Physics 021

Life sciences students, premedical students, and other students that require a two semester calculus based sequence of physics courses can benefit from this course. Topics covered in Physics 22 include thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. There is an emphasis on applications to the life sciences.

PHYSICS 101 PHYSICS FOR ENGINEERS AND SCIENTISTS I (UC/CSU)

5 Units (Lec 3 Hrs / Lab 6 Hrs)

*Advisory: Physics 011**Prerequisite: Mathematics 261*

The student learns the fundamental principles and applications of Newton's Laws in classical mechanics, including motion in one and two dimensions, gravitation, rotation, energy, momentum, periodic motion, and fluid mechanics at the beginning calculus level of mathematics. The laboratory includes both quantitative and qualitative experiments that permit students to verify, illustrate, and deduce various laws of physics.

PHYSICS 102 PHYSICS FOR ENGINEERS AND SCIENTISTS II (UC/CSU)

5 Units (Lec 3 Hrs / Lab 6 Hrs)

Corequisite: Math 262
Prerequisite: Physics 101

The student learns the fundamental principles and applications of introductory thermodynamics (temperature, heat, heat engines, entropy and other topics), and electricity and magnetism (electric forces, electric fields, potential, magnetism, magnetic forces and fields, capacitance, resistance, inductance, DC and AC circuits and other topics) at the beginning calculus level of mathematics. The laboratory includes both quantitative and qualitative experiments that permit students to verify, illustrate, and deduce various laws of physics.

PHYSICS 103 PHYSICS FOR ENGINEERS AND SCIENTISTS III (UC/CSU)

5 Units (Lec 3 Hrs / Lab 6 Hrs)

Corequisite: Math 263
Prerequisite: Physics 102

Students learn the topics of mechanical waves, electromagnetic waves, light and optics, relativity, introductory quantum mechanics, atomic and nuclear physics. Topics in molecular physics and condensed matter as well as particle physics may also be included. The laboratory includes both quantitative and qualitative experiments which enable students to verify, illustrate, and deduce some of the laws of physics that apply to the topics covered.

PHYSICS 161 ASTROPHYSICS AND COSMOLOGY (UC/CSU)

3 Units (Lec 3 Hrs)

Corequisite: Physics 102
Prerequisite: Physics 101

Students learn various aspects of astrophysics and cosmology, including elements of general relativity, the physics of pulsars, cosmic rays, and black holes. Topics include the cosmological distance scale, elementary cosmological models, and the mass density and age of the universe. Evidence for dark matter and concepts of the early universe and of galaxy formation are also presented. The student reflects on astrophysics as a probe of the extremes of physics.

PHYSICS 185 DIRECTED STUDY PHYSICS (CSU)

1 Units (Lec 1 Hrs)

Allow students to pursue Directed Study on a contract basis under the direction of a supervising instructor.

PHYSICS 285 DIRECTED STUDY PHYSICS (CSU)

2 Units (Lec 2 Hrs)

Allow students to pursue Directed Study on a contract basis under the direction of a supervising instructor.

PHYSICS 385 DIRECTED STUDY PHYSICS (CSU)

3 Units (Lec 3 Hrs)

Allow students to pursue Directed Study on a contract basis under the direction of a supervising instructor.

PHYSIOLOGY (PHYSIOL)
PHYSIOL 001 INTRODUCTION TO HUMAN
PHYSIOLOGY (UC/CSU)

4 Units (Lec 3 Hrs / Lab 3 Hrs)

Prerequisite: Anatomy 001

Study of the physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system and organism level: integumentary system, bone, skeletal, smooth and cardiac muscles, nervous system, sensory organs, cardiovascular system, lymphatic and immune systems, respiratory system, urinary system, digestive system, endocrine system, and reproductive system. This course is primarily intended for Nursing, Allied Health, Kinesiology, and other health related majors.

POLITICAL SCIENCE (POL SCI)
POL SCI 001 THE GOVERNMENT OF THE UNITED STATES (UC/CSU)

3 Units (Lec 3 Hrs)

An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy.

POL SCI 002 MODERN WORLD GOVERNMENTS (UC/CSU)

3 Units (Lec 3 Hrs)

Students survey several countries around the world and major concepts in comparative politics, focusing on the 'Developing World' and questions of globalization, democracy, political and economic development and major theories and concepts in comparative politics.

POL SCI 005 THE HISTORY OF WESTERN POLITICAL THOUGHT (UC/CSU)

3 Units (Lec 3 Hrs)

Examination of various theoretical approaches to politics and of basic political problems and proposed solutions: Analysis of selected political theories, relevance of theory to contemporary problems, and new approaches to political thought.

POL SCI 007 CONTEMPORARY WORLD AFFAIRS (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028

An introduction to international relations theory with an examination of national, international, transnational, and sub national actors and their institutions, interactions and processes as they relate to global issues.

POL SCI 014 GOVERNMENT AND POLITICS IN THE MIDDLE EAST (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: English 028

Students survey the domestic, regional, and international factors which shape the political landscape of the Middle East. They identify and explain sources of instability and violence in

the region by focusing on the processes of state building and state disintegration. In addition, in a comparative context, they investigate particular experiences of Middle Eastern countries concerning the nature, roots, and historical evolution of the regions regimes, nationalism, leadership, and institutions. The approach is thematic, not chronological.

POL SCI 019 WOMEN IN POLITICS (UC/CSU)

3 Units (Lec 3 Hrs)

Students learn political theories and public policies which shape the various possibilities and strategies for women's political participation in the United States and elsewhere. They also examine the political institutions, processes, and problems of the national, state, and local government.

PSYCHOLOGY (PSYCH)**PSYCH 001 GENERAL PSYCHOLOGY I (UC/CSU)**

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students learn the psychological principles behind behaviors such as learning, motivation, intelligence, feelings and emotions, personality, abnormal behavior and methods of adjustment. Different psychological perspectives such as psychoanalysis, neuroscience, cognitive, behaviorism and humanism will be emphasized.

PSYCH 002 BIOLOGICAL PSYCHOLOGY (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Psychology 001

Students learn to explain psychological behavior as a result and cause of events taking place in the brain, nervous systems, and genes. Students learn to explain the relationship of biological events to psychopathology, sexuality, motivation, sleep, stress, emotions, perception, and learning.

PSYCH 003 PERSONALITY AND SOCIAL DEVELOPMENT (CSU)

3 Units (Lec 3 Hrs)

*Advisory: English 28 And English 67**Prerequisite: Psychology 001*

The student focuses on self awareness and personality development. Topics considered include love, work, loneliness, death and loss, intimate relationships, sex roles and sexuality, and values in life.

PSYCH 013 SOCIAL PSYCHOLOGY (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Psychology 001

Students learn how we are influenced by our society in the areas of persuasion, propaganda and brain washing, obedience and conformity, aggression and prejudice, sexism, gender roles, group processes, interpersonal relationships and multiculturalism.

PSYCH 014 ABNORMAL PSYCHOLOGY (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Psychology 001

Students learn about abnormal behavior from the perspective of contemporary medical, psychosocial, and socio cultural

approaches. Students analyze abnormal disorders, evaluate their major causes, and identify treatment modalities. Topics will include criteria used for defining abnormal behavior, an overview of the basic psychological perspectives, explanations of DSM standards, and testing and assessment procedures.

PSYCH 027 ONLINE AND SOFTWARE RESOURCES FOR HUMAN SERVICES

1 Units (Lec 1 Hrs)

Human Services majors receive a basic introduction to pertinent computer resources currently being utilized by human services professionals. Hands on training will allow students to become familiar with software and online resources commonly being used.

PSYCH 041 LIFE SPAN PSYCHOLOGY: FROM INFANCY TO OLD AGE (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Psychology 001

Students learn about physical, emotional, cognitive and social growth and change affecting individuals across the lifespan. Students follow the development of humans from conception to death, examining theories and research in the fields of personality, social, emotional, and cognitive psychology. This course will also investigate problems of development.

PSYCH 043 PRINCIPLES OF GROUP DYNAMICS I (CSU)

3 Units (Lec 3 Hrs)

Students learn group dynamics principles including active listening, communication models, body language principles and factors that influence group cohesion.

PSYCH 044 PRINCIPLES OF GROUP DYNAMICS II (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Psychology 043

Students learn the role of group processes in changing behavior, the principal modes of counseling and therapy, principles of verbal and nonverbal communication, and modes of learning.

PSYCH 045 ISSUES IN HUMAN SERVICE CAREERS (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Psychology 081 Or Psychology 084

Students learn how to survive in the real world of work in Human Services. This course integrates psychological theory learned in previous classes with practice. The course covers specialized areas of psychology such as crisis intervention, psychopharmacology, counseling ethics, and interviewing. Included are techniques for agency survival such as job interviewing, report writing and resource referral.

PSYCH 052 PSYCHOLOGICAL ASPECTS OF HUMAN SEXUALITY (UC/CSU)

3 Units (Lec 3 Hrs)

Students learn information about different psychological aspects of sexual expression such as the biochemical factors, childhood experiences, gender influences and societal influences. Topics include attraction, love, marriage, the sexual response cycle, sexual orientation, paraphilias, prostitution, rape and pornography.

PSYCH 060 STRESS MANAGEMENT (CSU)

3 Units (Lec 3 Hrs)

Students learn to explain stress as a result of biological, interpersonal, environmental, and everyday life events. Students learn effective stress management techniques.

PSYCH 063 ALCOHOL/DRUG STUDIES: PREVENTION AND EDUCATION (CSU)

3 Units (Lec 3 Hrs)

Students learn the strategies of prevention and education necessary to work with various populations dealing with alcohol, drug, and STI (Sexually Transmitted Infection) related problems.

PSYCH 064 INTRODUCTION TO ALCOHOL AND DRUG ABUSE (CSU)

3 Units (Lec 3 Hrs)

Student is introduced to the: physiology and psychopharmacology of drugs and alcohol, theories of addiction, historical overview of treatment, drug classification, social policy and drug abuse, and the issues of relapse, rehabilitation and recovery.

PSYCH 065 CHEMICAL DEPENDENCY:INTERVENTION, TREATMENT AND RECOVERY (CSU)

3 Units (Lec 3 Hrs)

Students learn the processes of treatment and recovery of alcohol and drug abuse among various populations. An overview of the causes, treatment, models, and recovery, relapse, rehabilitation, and aftercare is emphasized.

PSYCH 066 INTRODUCTION TO CRITICAL THINKING (CSU)

3 Units (Lec 3 Hrs)

Students apply cognitive psychology theories and research evidence to enhance the ability to effectively solve problems, make decisions and think creatively. Practice with a variety of problems and simulations take place to ensure these critical thinking skills.

PSYCH 067 COUNSELING TECHNIQUES FOR THE CHEMICALLY ADDICTED (CSU)

3 Units (Lec 3 Hrs)

Students will learn the environment of chemical dependency counseling and the issues of the paraprofessional in alcohol and drug abuse treatment facilities. Case management in a multi discipline team will be emphasized. All aspects of modern treatment techniques will be covered in class.

PSYCH 068 BIOPSYCHOLOGY OF CHEMICAL DEPENDENCY:DRUGS, BEHAVIOR& HEALTH (CSU)

3 Units (Lec 3 Hrs)

The student receives comprehensive instruction on the pharmacological and behavioral effects of all major categories of both legal and illegal psychoactive substances, including an overview of contemporary and historical drug regulation and abuse, and a detailed review of the nervous system.

PSYCH 074 RESEARCH METHODS IN THE BEHAVIORAL SCIENCES (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Psychology 001 And Math 227 And English 101. The student surveys various research methods with an emphasis on research design, experimental procedures,

instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be illustrated through a selected review of research in the field of psychology.

PSYCH 081 FIELD WORK I (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Corequisite: Psychology 001 And Psychology 043

The student is introduced to the field of Human Services. Students will achieve basic counseling and communication skills and be able to apply these skills in diverse human services organizations. Students learn the 12 core functions of the human services career, and apply these skills, at a beginning level, in diverse human services organizations. Fieldwork internships at human services organizations are required.

PSYCH 082 FIELD WORK II (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Prerequisite: Psychology 81

Students build on the skills they learned in Field Work I by participating, under supervision, at various facilities in the community that offer Human Services. Students will achieve intermediate counseling and communication skills and be able to apply these skills in diverse human service organizations. Students continue to develop their knowledge of the 12 core functions of the human services career, and apply these skills, at an intermediate level, in diverse human services organizations. Fieldwork internships at human services organizations are required.

PSYCH 083 FIELD WORK III (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Prerequisite: Psychology 82

Students learn more specialized skills in Human Services. This class is intended for the advanced student of the generalist option of Human Services. Students build on the skills they learned in Field Work I, and Field Work II by participating, under supervision, at various facilities in the community that offer Human Services. Students will achieve advanced counseling and communication skills and be able to apply these skills in diverse human service organizations. Students continue to develop their knowledge of the 12 core functions of the human services career, and apply these skills, at an advanced level, in diverse human services organizations. Fieldwork internships at human services organizations are required.

PSYCH 084 FIELDWORK I, ADDICTION STUDIES (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Corequisite: Psychology 001 And Psychology 043

The student is introduced to the field of Drug and Alcohol Studies. Students will achieve basic counseling and communication skills and be able to apply these skills in diverse drug and alcohol treatment programs. Students learn the 12 core functions of the human services career, and apply these skills, at a beginning level, in diverse drug and alcohol treatment programs. Fieldwork internships at drug and alcohol treatment programs are required.

PSYCH 085 FIELDWORK II, DRUG/ALCOHOL (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Prerequisite: Psychology 84

Students build on the skills they learned in Field Work I by participating, under supervision, at various facilities in the community that offer Drug and Alcohol Treatment programs. Students will achieve intermediate counseling and communication skills and be able to apply these skills in diverse drug and alcohol treatment settings. Students continue to develop their knowledge of the 12 core functions of drug and alcohol treatment, and apply these skills, at an intermediate level, in drug and alcohol treatment programs. Fieldwork internships at drug and alcohol treatment programs are required.

PSYCH 086 FIELDWORK III, DRUG/ALCOHOL (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Prerequisite: Psychology 85

Students learn more specialized skills in Human Services. This class is intended for the advanced student of the Drug/Alcohol option of Human Services. Students build on the skills they learned in Field Work I, and Field Work II by participating, under supervision, at various facilities in the community that offer Drug and Alcohol treatment programs. Students will achieve advanced counseling and communication skills and be able to apply these skills in diverse drug and alcohol treatment programs. Students continue to develop their knowledge of the 12 core functions of the human services career, and apply these skills, at an advanced level, in diverse drug and alcohol treatment programs. Fieldwork internships at drug and alcohol treatment programs are required.

PSYCH 385 DIRECTED STUDY PSYCHOLOGY (CSU)

3 Units (Lec 3 Hrs)

Course description not available.

RADIOLOGIC TECHNOLOGY (RAD TEC)**RAD TEC 103 RADIOGRAPHIC ANATOMY AND POSITIONING SKELETAL SYSTEM (CSU)**

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Students learn radiographic anatomy, positioning and selected pathology of the musculoskeletal system. Laboratory experience is included.

RAD TEC 104 RADIOGRAPHIC ANATOMY/POSITIONING CRANIUM & VISCERAL ORGANS (CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Students learn radiographic anatomy, positioning and selected pathology of the visceral organs and cranium. Laboratory experience is included.

RAD TEC 200 INTRODUCTION TO RADIOLOGIC TECHNOLOGY (CSU)

3 Units (Lec 3 Hrs)

Students learn the history of radiography, organization of the hospital, the medical practitioners who work in medical facilities, and careers in the radiological sciences.

RAD TEC 201 MEDICAL TERMINOLOGY FOR RADIOLOGIC (CSU)

3 Units (Lec 3 Hrs)

Students learn the origins of medical terminology, word building systems, abbreviations, symbols, diagnostic and therapeutic terms. Students review simulated patient charts in order to understand radiographic orders and diagnostic report interpretation.

RAD TEC 202 INTRODUCTION TO ELECTROMAGNETIC RADIATION IMAGE RECORDING AND PROCESSING (CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Prerequisite: English 28 And English 67 and Math 115 And Radiologic Technology 200 And Radiologic Technology 201

Students learn atomic structure, characteristics of radiation, x ray production, radiation protection and photon interaction with matter.

RAD TEC 203 RADIOGRAPHIC ANATOMY AND POSITIONING SKELETAL SYSTEM (CSU)

4 Units (Lec 2 Hrs / Lab 4 Hrs)

Prerequisite: Radiologic Technology 202 Or Radiologic Technology 102

Students learn radiographic anatomy, positioning and selected pathology of the musculoskeletal system. Laboratory experience is included.

RAD TEC 205 FUNDAMENTALS OF X RAY PHYSICS (CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Prerequisite: Radiologic Technology 202

Students learn the physical principles of x ray generation, Electrostatics, Electromagnetism, Electrodynamics, electrical circuitry of radiographic equipment, interactions of X ray radiation and matter.

RAD TEC 206 RADIOGRAPHIC EXPOSURE (CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Prerequisite: Radiologic Technology 205

Students learn the factors that affect radiographic exposure and the basic principles and components of digital imaging. Laboratory experience is provided including: Computer applications in diagnostic medical imaging.

RAD TEC 207 PATIENT CARE AND MANAGEMENT (CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Prerequisite: Radiologic Technology 202

Students learn the principles of patient care management for radiographers. Routine and emergency care procedures are discussed. The role of the Radiographer in patient education will also be explained. Laboratory experience is included.

RAD TEC 208 CROSS SECTIONAL ANATOMY AND PATHOLOGY (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Radiologic Technology 201

Students learn to identify normal anatomy through a variety of imaging formats. Students learn how to identify normal and pathologic organ structures.

RAD TEC 209 PHARMACOLOGY AND VENIPUNCTURE WITH BASIC LIFE SUPPORT (BLS) (CSU)

3 Units (Lec 1 Hrs / Lab 6 Hrs)

Prerequisite: Radiologic Technology 207

Students learn the concepts of pharmacology, venipuncture, contrast administration and intravenous medications used in the treatment of adverse effects from contrast agents.

RAD TEC 210 QUALITY MANAGEMENT (CSU)

3 Units (Lec 1 Hrs / Lab 4 Hrs)

Prerequisite: Radiologic Technology 202

Students learn the responsibilities of quality management which entails performing quality control tests, assessing film density, monitoring accuracy, and identifying and solving issues associated with producing medical images.

RAD TEC 211 COMPUTER TOMOGRAPHY (CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Radiologic Technology 205

Students learn the principles and operation of CT Instrumentation, procedures, ancillary devices and radiation protection.

RAD TEC 240 RADIATION PROTECTION AND BIOLOGY (CSU)

4 Units (Lec 3 Hrs / Lab 2 Hrs)

Prerequisite: Radiologic Technology 202

Students learn the principles of radiation protection and federal and state laws pertaining to radiography.

RAD TEC 243 PRINCIPLES AND PRACTICES OF FLUOROSCOPY (CSU)

3 Units (Lec 3 Hrs)

Students learn the factors that influence patient and operator radiation dose during fluoroscopic procedures, fluoroscopic equipment, components and ancillary equipment.

RAD TEC 260 INTRODUCTON TO CLINICAL EDUCATION (CSU)

4 Units (Lec 1 Hrs / Lab 9 Hrs)

Prerequisite: Radiologic Technology 103

Students are oriented to the hospital environment which includes the: reception area, surgery, general radiography, emergency room, and diagnostic imaging areas. Student interns are assigned 16 hours per week in a Clinical Education Center.

RAD TEC 280 CLINICAL EDUCATION IN RADIOLOGIC TECHNOLOGY I (CSU)

6 Units (Lab 18 Hrs)

Prerequisite: Radiologic Technology 260

Students apply radiographic theory in their clinical training site under direct supervision of qualified clinical personnel and college instructors. Emphasis is on completing the 58 imaging competencies that include: chest, upper and lower extremities and abdominal imaging. The LACC Clinical Coordinator will serve as a resource for hospital based preceptor experience.

RAD TEC 281 CLINICAL EDUCATION IN RADIOLOGIC TECHNOLOGY II (CSU)

12 Units (Lab 36 Hrs)

Prerequisite: Radiologic Technology 280

Students apply radiographic theory in their clinical training site under direct supervision of qualified clinical personnel and college instructors. Emphasis is on completing the 58 imaging competencies that include: abdominal, thoracic viscera, spine, common contrast exams, and generalized skull radiography. The LACC Clinical Coordinator will serve as a resource for hospital based preceptor experience.

RAD TEC 282 CLINICAL EDUCATION IN RADIOLOGIC TECHNOLOGY III (CSU)

4 Units (Lab 12 Hrs)

Prerequisite: Radiologic Technology 281

Students apply radiographic theory in their clinical training site under direct supervision of qualified clinical personnel and college instructors. Emphasis is on completing the 58 imaging competencies that include: basic vascular procedures (angiograms), PICC and tunnel catheter line placement, pacemakers, lithotripsy, tube placement, myelograms, arthrograms, hysterosalpingograms, E.R.C.P., sialogram, retrograde and advanced procedures. The LACC Clinical Coordinator will serve as a resource for hospital based preceptor experience.

RAD TEC 283 CLINICAL EDUCATIONAL IN RADIOLOGIC TECHNOLOGY IV (CSU)

12 Units (Lab 36 Hrs)

Prerequisite: Radiologic Technology 282

Students apply radiographic theory in their clinical training site under direct supervision of qualified clinical personnel and college instructors. Emphasis is on completing the 58 imaging competencies that include: other imaging modalities, therapeutic applications of radiation, tomosynthesis, mammograms, bone density, magnetic resonance imaging, computed tomography, nuclear medicine, ultrasound, and radiation therapy. The LACC Clinical Coordinator will serve as a resource for hospital based preceptor experience.

REAL ESTATE (REAL ES)**REAL ES 001 REAL ESTATE PRINCIPLES (CSU)**

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students study the principles, economic aspects, and laws of real estate, including the information needed to obtain a real estate sales/brokers license and /or for better management of personal real estate investments. Topics include legal descriptions and estates, encumbrances, agencies, contracts, financing, appraisal, escrow and title, leases, urban economics, taxation, and vocational careers.

REAL ES 003 REAL ESTATE PRACTICES (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students solve the problems of establishing and conducting a real estate business, including establishing the office, securing listing and prospects, showing properties and closing sales, ethics and professional relationships, rentals and

leases, appraising, and the California Real Estate Act. Preparation of documents used in real estate transactions, property transfers, and exchanges is included.

REAL ES 005 LEGAL ASPECTS OF REAL ESTATE I (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students who plan to take the state examination, which is required in order to obtain a broker license (meets optional requirements for sales license), can receive the appropriate legal background, including principles of property ownership and management in their business aspects, with special reference to law of California as it applies to community property, deeds, trust deeds, mortgages, leases, brokerage, mechanic's liens, homesteads, wills, and estates.

REAL ES 006 LEGAL ASPECTS OF REAL ESTATE II (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

The student learns advanced issues involving real estate legal matters. Including an advanced and in depth study of agency and sub agency law, civil rights and fair housing in real estate practice, and real estate escrow and title insurance laws. Also included are the introductory studies of wills, trusts, and probate administration as they apply to real estate brokers' practice.

REAL ES 007 REAL ESTATE FINANCE I (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students study the forms, and sources of financing real property, including purchase, construction, refinance, and other creative permanent financing approaches. Also included is an assessment of the procedures for obtaining government sponsored financing through FHA, DVA, and Cal Vet. The various loan sources currently being used in the marketplace will be evaluated including banks, savings and loans, insurance companies, mortgage brokers/bankers, pensions, credit unions, and private parties.

REAL ES 009 REAL ESTATE APPRAISAL I (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

The student learns the purpose of appraisals, the appraisal process, and the different approaches of valuation. Additionally, the student learns methods and techniques used to determine the value of various types of properties. The market comparison and cost approaches are emphasized, plus an introduction to investment property valuation by the income approach.

REAL ES 011 ESCROW PRINCIPLES (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students study real estate escrow responsibilities, procedures and management, such as preparing escrow instructions, loan documentation, and closing statements. Topics covered in this course also include the basics of escrow accounting, financing procedures for real property and title transfer and title insurance procedures.

REAL ES 014 PROPERTY MANAGEMENT (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students study the nature and types of property management, leases and contracts, rent scheduling, selling of space and techniques of renting, tenant selection and supervision, relations with owners and budgets, purchasing and accounts, reporting, ethics, and legal and professional relationships.

REAL ES 018 REAL ESTATE INVESTMENTS I (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students study the principles of real estate investment with respect to identifying and understanding the language, basic procedures, financing, and facts essential to ownership, conveyance, environment problems, business organization involvement, and evaluation with other investments. A comparison and assessment of commercial, industrial, and residential projects, including location, feasibility studies, zoning restrictions, financing options, sale and leaseback, and preferential tax benefits

REAL ES 021 REAL ESTATE ECONOMICS (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

The student learns fundamentals of economic trends and factors which affect the real estate market. Topics include urban structural relationships, real estate market analysis, supply and demand, economic forecasting, land use theory and problems of sub division. Additionally, the student learns the government's role in the economy and its influence upon the real estate market including the federal reserve system, taxation and land use controls including zoning, planning and fair housing legislation.

REAL ES 060 REAL ESTATE MATHEMATICS (CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Students study typical real estate mathematics problems which are most common in actual practice, as well as those necessary for other real estate courses and for those found in the California Real Estate Licensing examinations.

NURSING, REGISTERED (REGNRSG)**REGNRSG 103 NURSING PHARMACOLOGY (CSU)**

1 Units (Lec 1 Hrs)

Corequisite: Registered Nursing 104

First semester nursing students acquire introductory knowledge about the most frequently prescribed medications, their side effects, and possible interactions that are used in health care settings today.

REGNRSG 104 NURSING FOUNDATIONS (CSU)

4 Units (Lec 2 Hrs / Lab 6 Hrs)

Students acquire introductory knowledge about theoretical concepts and fundamental skills in nursing that are required for safe patient care. Students also learn and apply the Roy Adaptation Model nursing process as the conceptual framework for practice. Then students develop enhanced critical thinking and psychomotor skills during the clinical component.

REGNRSG 105 BEGINNING MEDICAL SURGICAL (CSU)

5 Units (Lec 2.5 Hrs / Lab 7.5 Hrs)

Prerequisite: Registered Nursing 104

Students will develop introductory knowledge and understanding of common medical surgical health problems, using knowledge about the Roy Adaptation Model nursing process. This framework will be used for implementing nursing care. Theoretical concepts and nursing skills will be applied by the students in a clinical setting.

REGNRSG 106 NURSING CARE OF THE CHILDBEARING FAMILY (CSU)

4 Units (Lec 2 Hrs / Lab 6 Hrs)

Prerequisite: Registered Nursing 105

Students learn to assess and care for women through the lifespan and newborns, with emphasis on reproductive health and the childbearing year, healthy neonates, and women's health. Utilizing the Roy Adaptation model, the nursing process, and QSEN competencies, family centered care is emphasized, including identification of the bio psycho social needs, as well as cultural diversity, of patients and families. Students will apply concepts that include the disease process, medical treatments, nursing responsibilities, and interventions, cultural, ethical, and legal issues to the childbearing family.

REGNRSG 107 NURSING CARE OF THE PEDIATRIC CLIENT (CSU)

4 Units (RPT 1) (Lec 2 Hrs / Lab 6 Hrs)

Prerequisite: Registered Nursing 105

Utilizing the Roy Adaptation Model and the nursing process, students in pediatric nursing focus on the nursing care of children of various ages and their families. The student applies concepts that include disease process, medical treatments, nursing responsibilities, interventions, cultural, ethical, and legal issues to the pediatric population.

REGNRSG 108 NURSING CARE FOR THE CLIENT WITH PSYCHOSOCIAL NEEDS (CSU)

4 Units (Lec 2 Hrs / Lab 6 Hrs)

Prerequisite: Registered Nursing 107

The student receives correlated theoretical knowledge and clinical experience in the care of the psychiatric patient in the acute care facility. Emphasis will be on the holistic care of clients with mental health problems, cognitive disorders, and/or difficulties in coping with problems of daily living.

REGNRSG 109 INTERMEDIATE MEDICAL SURGICAL NURSING (CSU)

5 Units (Lec 2.5 Hrs / Lab 7.5 Hrs)

Prerequisite: Registered Nursing 107, Registered Nursing 106

Students identify and manage the needs of the older adult client possessing complex medical surgical health problems. Students focus on the bio psycho social impact of illness across the life span and nursing interventions to promote client adaptation. Students also apply theoretical concepts during concurrent clinical experience.

REGNRSG 110 ADVANCE MEDICAL SURGICAL NURSING (CSU)

5 Units (Lec 2.5 Hrs / Lab 7.5 Hrs)

Prerequisite: Registered Nursing 108, Registered Nursing 109

In this advanced nursing course, students will learn to understand and apply advanced theoretical and clinical concepts in the care of critically ill adult, older adult, and pediatric medical surgical patients with complex problems. Student acquires translational knowledge about complex concepts that include ECG monitoring, beginning ventilator management, hemodynamic monitoring, care of the client with multisystem failure, and nursing care in emergency situations. Students will apply theoretical knowledge across all specialty care settings.

REGNRSG 111 NURSING LEADERSHIP AND MANAGEMENT (CSU)

4 Units (Lec 2 Hrs / Lab 6 Hrs)

Prerequisite: Registered Nursing 110

Nursing students will explore, apply the legal, ethical and current issues and trends that affect the Registered Nurse today within the context of the Roles of Practice. Students will complete a 96 hours of clinical preceptorship and 12 hours of community/ home health.

REGNRSG 115 NURSING SKILLS COMPETENCY I (CSU)

1 Units (Lab 3 Hrs)

Corequisite: Registered Nursing 104

In this course, students will focus on the skills and knowledge needed to assess and care for a patient in the clinical setting. Emphasis will be placed on the nursing process, therapeutic communication, and providing basic care to the individual.

REGNRSG 116 NURSING SKILLS COMPETENCY II (CSU)

1 Units (Lab 3 Hrs)

Prerequisite: Registered Nursing 105

The student participates in this weekly 3 hour adjunct, laboratory course to practice procedures and skills learned in concurrent Maternal/Newborn and Pediatrics Nursing theory and clinical courses.

REGNRSG 117 NURSING SKILLS COMPETENCY III (CSU)

1 Units (Lab 3 Hrs)

Prerequisite: Registered Nursing 107

Third semester nursing students practice and enhance, both their mental health skills and medical surgical nursing skills.

RUSSIAN (RUSSIAN)**RUSSIAN 001 ELEMENTARY RUSSIAN I (UC/CSU)**

5 Units (Lec 5 Hrs)

Lecture 5 hours Elementary course for student without prior exposure to Russian. Develops speaking, writing, listening, and reading skills in Russian at the ACTFL Proficiency Novice Mid Level, and introduces Russian culture. Satisfies Humanities requirement for graduation.

RUSSIAN 002 ELEMENTARY RUSSIAN II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Russian 001

Lecture 5 hours Prerequisite: Russian 1 with a satisfactory grade or equivalent Continues the development of elementary speaking, writing, listening, and reading skills in Russian at the ACTFL Proficiency Novice High Level, and furthers understanding of Russian culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

RUSSIAN 003 INTERMEDIATE RUSSIAN I (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Russian 002

Lecture 5 hours Prerequisite: Russian 2 with a satisfactory grade or equivalent Development of intermediate Russian in speaking, writing, listening, and reading skills at the ACTFL Proficiency Intermediate Mid Level, and practices interpreting Russian culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

RUSSIAN 004 INTERMEDIATE RUSSIAN II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Russian 003

Lecture 5 hours Prerequisite: Russian 3 with a satisfactory grade or equivalent Continues the development of intermediate Russian in speaking, writing, listening, and reading skills at the ACTFL Proficiency Intermediate High Level and utilize knowledge of Russian culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

RUSSIAN 008 CONVERSATIONAL RUSSIAN (UC/CSU)

2 Units (Lec 2 Hrs)

Prerequisite: Russian 002

Students develop and practice conversational skills in Russian pertaining to typical situations and topics a person may encounter when traveling or living among a Russian speaking community.

RUSSIAN 010 RUSSIAN CIVILIZATION (UC/CSU)

3 Units (Lec 3 Hrs)

Lecture 3 hours Open to all students. Course taught in English. Focuses on the history, culture, traditions and arts of Russia and its people. The contribution of Russia to world civilization is examined. Satisfies Humanities requirement for graduation.

SOCIOLOGY (SOC)

SOC 001 INTRODUCTION TO SOCIOLOGY (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028

The students learn the major principles of sociology as they are applied to contemporary social issues. With the use of several theoretical perspectives it examines social structures within American society and other cultures from macro and micro perspectives. There are extensive references to contemporary research findings on social structure, group dynamics, social stratification, and social institutions.

SOC 002 AMERICAN SOCIAL PROBLEMS (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 028 And English 067

The student applies sociological perspectives and concepts in analyzing contemporary social problems in the United States. Problems associated with drug abuse, poverty, racial, ethnic, and gender inequality, crime and violence, and the environment are some of the topics addressed.

SOC 011 RACE AND ETHNIC RELATIONS (UC/CSU)

3 Units (Lec 3 Hrs)

Sociological analysis of race, ethnicity, and racism. examines the cultural, political, and economic practices and institutions that support or challenge racism, racial and ethnic inequalities, as well as historical and contemporary patterns of interaction between various racial and ethnic groups.

SOC 012 MARRIAGE AND FAMILY LIFE (UC/CSU)

3 Units (Lec 3 Hrs)

Sociological analysis of family as an institution, including historical and recent changes, present nature and the socio cultural and economic forces shaping these changes.

SOC 022 SOCIOLOGY OF WOMEN (UC/CSU)

3 Units (Lec 3 Hrs)

Students learn the origins, purpose, subject matter, and methods of Women's Studies and to feminist perspectives on a range of social issues affecting women of diverse backgrounds. Study of gender and its intersections with race, class, sexuality, dis/ability, age, religion, and other systems of difference.

SOC 031 SOCIOLOGY OF GENDER (UC/CSU)

3 Units (Lec 3 Hrs)

Sociological analysis of the social construction of gender, masculinity, and femininity historically and cross culturally. It examines the debates on sex and gender. It analyzes the impact of economic and political change on gender expectations and practices. It focuses on macro analyses of how institutions shape gender and microanalyses of how individuals are socialized and how they do and practice gender.

SOC 032 INTRODUCTION TO CRIMINOLOGY (UC/CSU)

3 Units (Lec 3 Hrs)

Students examine the basic elements of criminology the scientific study of crime and criminal behavior. This will include, but not limited to, an analysis of the following concepts; social deviance, crime, delinquency, victimization, the criminal justice system, social control, and terrorism. There is an extensive review of the major sociological explanations on the causes of crime and criminality in addition to a consideration of the biological and psychological perspectives. An examination of the research methods employed by criminologists in the collection and analysis of data will also be undertaken.

SPANISH (SPANISH)

SPANISH 001 ELEMENTARY SPANISH I (UC/CSU)

5 Units (Lec 5 Hrs)

Lecture 5 hours Elementary course for student without prior exposure to Spanish. Develops speaking, writing, listening, and reading skills in Spanish at the ACTFL Proficiency Novice Mid Level, and introduces Spanish/Latin American culture. Satisfies Humanities requirement for graduation.

SPANISH 002 ELEMENTARY SPANISH II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Spanish 001

Lecture 5 hours Prerequisite: Spanish 1 or Spanish 22 with a satisfactory grade or equivalent Continues the development of elementary speaking, writing, listening, and reading skills in Spanish at the ACTFL Proficiency Novice High Level, and furthers understanding of Spanish/Latin American culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

SPANISH 003 INTERMEDIATE SPANISH I (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Spanish 002

Lecture 5 hours Prerequisite: Spanish 2 with a satisfactory grade or equivalent Development of intermediate Spanish in speaking, writing, listening, and reading skills at the ACTFL Proficiency Intermediate Mid Level, and practices interpreting Spanish/Latin American culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

SPANISH 004 INTERMEDIATE SPANISH II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Spanish 003

Lecture 5 hours Prerequisite: Spanish 3 with a satisfactory grade or equivalent Continues the development of intermediate Spanish in speaking, writing, listening, and reading skills at the ACTFL Proficiency Intermediate High Level and utilize knowledge of Spanish/Latin American culture. Satisfies Humanities requirement for graduation. Satisfies CSU and UC Language other than English requirement for Freshman.

SPANISH 005 ADVANCED SPANISH I (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Spanish 004

The student participates in an overall examination of the arts and the concept of aesthetics in preparation for the study of literature. The focus is on the narrative (short story and novel) and poetry in Spanish and Latin American literary traditions. The course also examines the translation to film of some of the works studied. Discussions generated by lectures and readings provide oral practice in the target language. Written expression and review of grammatical structures, orthography and punctuation is done through essays on selected themes.

SPANISH 006 ADVANCED SPANISH II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Spanish 005

The student studies the theater as a literary and performing art, and the essay as a non fictional form of expression. Through lectures and readings, students will learn about the trajectory

of the theater and the essay in Spanish and Latin American literary traditions. Discussions generated by lectures and reading provide for oral practice in the target language. Written expression and review of grammatical structures, orthography and punctuation is done through essays on selected themes

SPANISH 008 CONVERSATIONAL SPANISH (UC/CSU)

2 Units (Lec 2 Hrs)

Prerequisite: Spanish 002

The student practices the oral expression in Spanish as the main thrust of the course. The focus is on conversational skills revolving around everyday situations that a person may encounter when traveling or living in Spanish speaking countries, or when interacting with Spanish speaking people in the United States.

SPANISH 009 CIVILIZATION OF SPAIN (UC/CSU)

3 Units (Lec 3 Hrs)

Lecture 3 hours Open to all students. Course taught in English. Focuses on the history, culture, traditions and arts of Spain and its people. The contribution of Spain to world civilization is examined. Satisfies Humanities requirement for graduation.

SPANISH 010 LATIN AMERICAN CIVILIZATION (UC/CSU)

3 Units (Lec 3 Hrs)

Lecture 3 hours Open to all students. Course taught in English. Focuses on the history, culture, traditions and arts of Latin America and its people. The contribution of Latin America to world civilization is examined. Satisfies Humanities requirement for graduation.

SPANISH 011 GREAT BOOKS OF SPANISH LITERATURE (UC/CSU)

3 Units (RPT 1) (Lec 3 Hrs)

Advisory: English 28 And English 67

Prerequisite: Spanish 004

Students are introduced to selections from masterpieces of Spanish Literature. Conducted in Spanish.

SPANISH 015 GREAT BOOKS OF LATIN AMERICAN LITERATURE (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28

Prerequisite: Spanish 004

Students explore the major authors and works of Latin American literature from the Pre Columbian Times to the 20th Century. Students will analyze the literary history of Latin America, examining the literary genres, themes and movements in cultural, social, and historical context. Conducted in Spanish. Readings are in Spanish.

SPANISH 021 FUNDAMENTALS OF SPANISH I (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 28 And English 67

Lecture 3 hours Fundamental course for students without prior exposure to Spanish. Develops speaking, writing, listening, and reading skills in Spanish at the ACTFL Proficiency Novice Low Level, and raises awareness about Spanish culture.

Spanish 21 and Spanish 22 together are equivalent to Spanish 1. Both Spanish 21 and Spanish 22 must be taken for UC:CSU credit.

SPANISH 022 FUNDAMENTALS OF SPANISH II (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Spanish 021

Student receives practice in the pronunciation, grammar, practical vocabulary, and useful phrases in Spanish. In addition, basic facts of the geography, customs and culture of the Spanish speaking world are presented. Spanish 21 and Spanish 22 together are equivalent to Spanish 1. Prerequisite: Spanish 21 with a satisfactory grade or equivalent.

SPANISH 035 SPANISH FOR SPANISH SPEAKERS I (UC/CSU)

5 Units (Lec 5 Hrs)

This course is designed for students who have grown up speaking Spanish but have not formally studied it in an academic environment. It stresses the formal aspects of the language, including acquisition of vocabulary, spelling, and accent rules, and grammar, focusing on the present and past tenses. A high emphasis is placed on reading and writing. Students receive credit for either Spanish 2 or Spanish 35, but not both.

SPANISH 036 SPANISH FOR SPANISH SPEAKERS II (UC/CSU)

5 Units (Lec 5 Hrs)

Prerequisite: Spanish 035

The student completes the study of grammar and continues the development of reading and writing skills. Further study of Spanish and Latin American culture and civilization is included.

SUPERVISION (SUPV)**SUPV 001 ELEMENTS OF SUPERVISION (CSU)**

3 Units (Lec 3 Hrs)

Advisory: English 028 And English 067

Students develop leadership abilities used in supervisory positions in business and industry.

SUPV 012 WRITTEN COMMUNICATIONS FOR SUPERVISORS

3 Units (Lec 3 Hrs)

Advisory: English 028 And English 067

Students learn to improve their writing ability and write professional email messages, memorandums and a wide range of business letters, including direct requests for information, replies to information requests, direct claims, adjustment letters, letters of recommendation, persuasive requests, refusing routine requests and breaking bad news to customers and to employees. This course is one in a series that applies to the college's Certificates in Business Administration, Marketing and Management, and the Western Association of Food Chains' Marketing Management Certificate.

TELEVISION (TV)**TV 001 INTRODUCTION TO TELEVISION (UC/CSU)**

3 Units (Lec 3 Hrs)

Students study what's on Television and why, including the history of Radio and Television Broadcasting. They also learn costs, ratings, profits, the FCC rules, cable and pay Television. Recommended elective for Journalism, Theatre and Public Relations.

TV 004 TELEVISION CAMERA LIGHTING AND SOUND (CSU)

3 Units (Lec 3 Hrs)

Students learn the basic techniques, aesthetic conventions and practical use of lighting and sound equipment in a multi camera television production environment.

TV 006 STUDIO AND REMOTE PRODUCTION (CSU)

3 Units (Lec 2 Hrs / Lab 3 Hrs)

*Advisory: Cinema 2**Prerequisite: Television 46*

Students light and shoot remote set ups then edit those pieces for inclusion into a half hour live to tape production in the studio.

TV 007 TELEVISION ANNOUNCING I (CSU)

3 Units (RPT 1) (Lec 2 Hrs / Lab 3 Hrs)

Students produce news packages and interviews and perform the role of reporter as part of training in Television announcing for broadcast news, sports, weather, and entertainment. They participate as on camera talent and writers for the production of a half hour in studio live to tape production of a local news broadcast.

TV 009 TV EQUIPMENT (CSU)

3 Units (Lec 3 Hrs)

Advisory: Television 004

Students learn the principles and operation of a multi camera television control room and studio equipment leading to the production of their own live switched one minute public service announcement. Sound control, studio lighting, control room procedures, camera operation, directing, script writing, storyboarding, and production design are emphasized.

TV 025-1 TELEVISION AND FILM DRAMATIC WRITING I (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students learn professional methods and techniques of creating characters and stories to develop into film and TV scripts are studied, including drama and comedy, in both the single and multi camera formats. Class also deals with getting an agent and how scripts are sold.

TV 025-2 TELEVISION AND FILM DRAMATIC WRITING II (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Television 25 1

Students learn professional methods and techniques of advanced television and film writing for drama and comedy, for single and multiple camera formats. Scripts begun in TV 25 1 may be worked on for completion and/or revision.

TV 046 TELEVISION PRODUCTION (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Television 009 Or Television 004

Students write, produce, and direct a series of live switched video productions. Each student functions as talent or crew in productions produced by classmates. Production protocol learned will include: operation of studio cameras; lighting instruments and control; and operation of control room equipment including switcher, audio mixer, video recording, and character generator as well as directing, writing and producing.

TV 048 TELEVISION PROGRAMMING & VIDEOTAPE PRODUCTION WORKSHOP (CSU)

3 Units (RPT 1) (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Television 46

Advanced production course that focuses on above the line production responsibilities for live to tape multi camera television productions. Positions for this course include: Producer, Director, Writer, Segment Producer, Assistant Director and Talent. TV 48 and 49 meet together at the same time. You cannot take both classes in the same semester.

TV 049 TV PRODUCTION WORKSHOP (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Television 46

Advanced television production course that focuses on below the line production responsibilities for live to tape multi camera television productions. Production positions for this course include: Camera Operator, Lighting Director, Set Designer, Graphics, Audio Engineer, Technical Director, Floor Director, Field Shooter, and Segment Editor. There is no Producing or Directing in this course. TV 48 and 49 meet together at the same time. You cannot take both classes in the same semester.

TV 055 DIGITAL VIDEO PRODUCTION WORKSHOP I (CSU)

3 Units (Lec 1 Hrs / Lab 4 Hrs)

Prerequisite: Cinema 1, Cinema 2, Television 4, Television 9

Intermediate cinema and television students produce short video projects using digital video cameras and editing systems.

TV 185 DIRECTED STUDY TELEVISION (CSU)

1 Unit (Lec 1 Hrs)

Prerequisite: Television 46

Create a writing, mentoring or post production study project as agreed upon by the student and a supervising instructor. The time and depth of the project will align with earning 1 unit of credit.

THEATER (THEATER)

THEATER 100 INTRODUCTION TO THE THEATER (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

A survey study and analysis of the various elements that make up the institution called the Theater. Subjects range from origins of primitive drama to contemporary structure and direction of our modern Theater.

THEATER 105 DRAMA DIGEST (CSU)

1 Unit (RPT 3) (Lec 1 Hrs)

The student's theatrical experience is enriched through the observation of regularly scheduled programs consisting of acting scenes and exercises from the various theatre classes. The basic program is augmented by the appearance of guest artists and theatre groups.

THEATER 105-1 THEATER SURVEY I LITERATURE (CSU)

1 Unit (Lec 1 Hrs)

The student learns about theater literature through an introduction and survey or observation of regularly scheduled programs consisting of acting scenes and exercises from the various theater classes. The basic program is augmented by the appearance of guest artists and theater groups. Students are required to attend live events outside campus and report on their observations of theater literature through journal and essay writing assignments.

THEATER 105-2 THEATER SURVEY II PERFORMANCE (CSU)

1 Unit (Lec 1 Hrs)

The student learns theater performance through the survey and observation of regularly scheduled programs consisting of acting scenes and exercises from various theater classes. The basic program is augmented by the appearance of guest artists and theater groups. Students are required to attend live events outside campus and report on their observations of acting performance through journal and essay writing assignments.

THEATER 105-3 THEATER SURVEY III DESIGN TECHNOLOGY (CSU)

1 Unit (Lec 1 Hrs)

The student learns theater performance through the survey and observation of regularly scheduled programs consisting of acting scenes and exercises from various theater classes. The basic program is augmented by the appearance of guest artists and theater groups. Students are required to attend live events outside campus and report on their observations of acting performance through journal and essay writing assignments.

THEATER 105-4 THEATER SURVEY IV AUDIENCE EXPERIENCE (CSU)

1 Unit (Lec 1 Hrs)

The student learns theater performance through the survey and observation of regularly scheduled programs consisting of acting scenes and exercises from various theater classes. The basic program is augmented by the appearance of guest artists and theater groups. Students are required to attend live events outside campus and report on their observations of acting performance through journal and essay writing assignments.

THEATER 110 HISTORY OF THE WORLD THEATER (UC/CSU)

3 Units (Lec 3 Hrs)

Advisory: English 101

Students read, discuss and analyze major works of dramatic literature from the Golden Age of Greece through contemporary. They develop an understanding and appreciation of the dramatic form in, story arc, character development throughout major artistic movements in dramatic literature and within the social and political context they were written and to express that appreciation in reasoned analyses.

THEATER 114 SCRIPT ANALYSIS (CSU)

3 Units (Lec 3 Hrs)

The student studies and learns principles, theories, and techniques of play script analysis for theatrical production. Topics covered will include the exploration of social and political context of the literature, character development, story arc, and theatrical conceits used in live productions.

THEATER 185 DIRECTED STUDY THEATER (CSU)

1 Unit (Lec 1 Hrs)

Theater students pursue directed study on a contract basis under the direction of a supervising instructor. Please refer to the 'Directed Study' section of this catalog for additional information.

THEATER 200 INTRODUCTION TO ACTING (UC/CSU)

3 Units (Lec 3 Hrs)

Through lecture, discussion, demonstration, and various participation exercises, the student is introduced to the art and craft of acting.

THEATER 205 ACTOR'S ORIENTATION TO PROFESSIONAL THEATER (CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

Prerequisite: Theater 270

The student learns about a career as a professional actor in the American entertainment industry including methodology and techniques for seeking and gaining employment in Theater, Film, Television, Commercials, and New Media, which includes all forms of electronic performance.

THEATER 210 INTRODUCTION TO ORAL INTERPRETATION OF DRAMATIC LITERATURE (UC/CSU)

3 Units (Lec 3 Hrs)

The student studies the techniques of oral interpretation including phrasing, inflection, word relish, verse scansion, tempo and rhythm designed to develop the actor's interpretative skills.

THEATER 212 INTRODUCTION TO ORAL INTERPRETATION OF SHAKESPEAREAN LITERATURE (UC/CSU)

3 Units (Lec 3 Hrs)

Students study and practice techniques of oral interpretation including phrasing, inflection, word relish, verse scansion, tempo and rhythm designed to develop the actor's interpretative skills of Shakespearean text at an introductory level.

THEATER 225 BEGINNING DIRECTION (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Theater 274

The Student learns fundamental concepts in stage direction as explored through lecture, exercise and demonstration. Beginning with play analysis from a director's point of view to creating a directorial vision, the course includes an introduction to the basic principles of stage directing and the fundamental working techniques for the realization of the values of a play onstage.

THEATER 232 PLAY PRODUCTION II (UC/CSU)

2 Units (RPT 3) (Lab 6 Hrs)

The student is given the opportunity to work intensely in one or more areas associated with production: acting, voice, movement, management, costuming or technical theatre. Students must be prepared to work irregular hours.

THEATER 235 PLAY PRODUCTION AND COMPANY PERFORMANCE (UC/CSU)

5 Units (RPT 3) (Lab 15 Hrs)

Theater students study the rehearsal and performance practices of performing in theater productions assigned as lead actors, character actors, or bit parts. Theater students study the real practices of managerial and technical theater while participating in college public performances, technical shops and theater spaces. Production work may consist of the following: Acting, carpentry, costumes, painting, lighting, sound, props and stage management. Study culminates in a college public performance entered in the American College Theater Festival.

THEATER 240 VOICE AND ARTICULATION FOR THE THEATER (UC/CSU)

3 Units (Lec 3 Hrs)

Students develop & practice correct voice and speech skills which emphasize clarity, precision, tone, dynamics and expressive use of language for the theater.

THEATER 242-1 VOCAL AND PHYSICAL DEVELOPMENT LEVEL I (CSU)

3 Units (Lab 5 Hrs)

The student actor studies, practices, and demonstrates knowledge and skill in vocal and physical development at an introductory level with specific emphasis on proper breath support, alignment, and vocal & physical clarity, freedom, and strength.

THEATER 242-2 VOCAL AND PHYSICAL DEVELOPMENT LEVEL II (CSU)

3 Units (Lab 5 Hrs)

Prerequisite: Theater 242 1

The student learns and demonstrates knowledge, as well as skill, in vocal and physical development at a beginning level with specific emphasis on resonance, precision & dynamics, and enhanced expressiveness.

THEATER 242-3 VOCAL AND PHYSICAL DEVELOPMENT LEVEL III (CSU)

3 Units (Lab 5 Hrs)

Prerequisite: Theater 242 2

The student learns and demonstrates knowledge, as well as skill in vocal and physical development at an intermediate level with specific emphasis on diction, International Phonetic Alphabet (IPA), and dance choreographed movement.

**THEATER 242-4 VOCAL AND PHYSICAL DEVELOPMENT
LEVEL IV (CSU)**

3 Units (Lab 5 Hrs)

Prerequisite: Theater 242 3

The student learns and demonstrates knowledge, as well as skill in vocal and physical development at an advanced level with specific emphasis on elevated speech & language, rhythm & gestural expressiveness, and stage combat.

**THEATER 246-1 VOCAL PERFORMANCE WORKSHOP
LEVEL I (CSU)**

2 Units (Lab 6 Hrs)

The student actor learns and applies correct vocal performance skills to the acting of a role(s) in a Theatre Academy production with special focus on the ability to vocally 'land the specific meaning of the text' with precision, clarity, and awareness through varied introductory vocal exercises, techniques, warm ups, and coaching sessions.

**THEATER 246-2 VOCAL PERFORMANCE WORKSHOP
LEVEL II (CSU)**

2 Units (Lab 6 Hrs)

Prerequisite: Theater 246 1

The student learns through detailed vocal exercises, techniques, warm ups, and coaching sessions to apply correct beginning vocal performance skills to the acting of a role(s) in a Theatre Academy production with special focus on building & sustaining powerful breath support which creates rich resonance and extended range for singing on stage and also for playing characters who are in vocal conflict.

**THEATER 246-3 VOCAL PERFORMANCE WORKSHOP
LEVEL III (CSU)**

2 Units (Lab 6 Hrs)

Prerequisite: Theater 246 2

The pre professional student actor learns and demonstrates the correct application of intermediate vocal performance skills to the acting of role(s) in a Theatre Academy production from contemporary/modern full length play with focus on the vocal exercises, techniques, and coaching sessions that create authentic 'character voices' through pitch variation, inflection, placement, physicality, tempo, and subtext.

**THEATER 246-4 VOCAL PERFORMANCE WORKSHOP
LEVEL IV (CSU)**

2 Units (Lab 6 Hrs)

Prerequisite: Theater 246 3

The student learns through advanced vocal exercises, techniques, warm ups, and coaching sessions to demonstrate advanced application of vocal performance skills to the acting of a role(s) in a Theatre Academy production from classical literature such as Shakespeare with detailed focus on the unique challenge of authentically speaking heightened text with powerful meaning and dynamic vocal expressiveness and subtlety.

THEATER 262 SPECIAL PROJECTS (CSU)

2 Units (RPT 3) (Lab 4 Hrs)

Prerequisite: Theater 270

Advanced students are given the opportunity to plan, rehearse, stage, and produce approved all student projects for presentation before an audience.

THEATER 270 BEGINNING ACTING (UC/CSU)

3 Units (Lec 2 Hrs / Lab 4 Hrs)

The student receives an introduction to the art and craft of acting. This class is the first level of the Theatre Academy's Professional Training Program's acting option. The main focus of the work will be on stage using the physical body and voice to experience the process of the actor. Topics covered include Basic Stage Technique, Movement Values, Relaxation, Body Awareness, Physical Limbering and Alignment, Pantomimic Dramatization, Play and Scene Study. You will receive an introductory appreciation of how an actor trains for a career in theatre, film and television as you develop your own skills of physical, verbal and emotional communication.

THEATER 271 INTERMEDIATE ACTING (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Prerequisite: Theater 200

Acting principles are expanded and applied in staged scenes. The emphasis is on comprehension, translation into meaningful dramatic action, and creation. The actor's self awareness is explored and developed before a classroom audience.

THEATER 272 INTERMEDIATE APPLIED ACTING (UC/CSU)

3 Units (Lec 2 Hrs / Lab 4 Hrs)

Prerequisite: Theater 270, Theater 100

The student learns to apply the acting principles introduced in Theatre 270 in staged scenes. The student incorporates fundamental and basic techniques of acting into meaningful dramatic action on stage. The actor's self awareness is explored and developed before a classroom audience in scenes and exercises.

THEATER 274-1 ADVANCED APPLIED ACTING LEVEL I (UC/CSU)

3 Units (Lec 2 Hrs / Lab 4 Hrs)

Prerequisite: Theater 272

The student learns to engage in greater in depth analysis of staged scenes. Emphasis is placed upon the rehearsal process and rehearsal techniques.

THEATER 274-2 ADVANCED APPLIED ACTING LEVEL II (UC/CSU)

3 Units (Lec 2 Hrs / Lab 4 Hrs)

Prerequisite: Theater 274 1

The student learns to engage in character and text analysis of roles in staged scenes at an advanced level. Emphasis is placed upon the student's demonstration of advanced rehearsal processes and techniques.

THEATER 275 SCENE STUDY (CSU)

2 Units (Lec 1 Hrs / Lab 2 Hrs)

The student learns about the similarities and differences in acting techniques applied when studying and performing scenes from Theater, Film, Television, Commercials, and New Media.

THEATER 276-1 ACTORS' WORKSHOP LEVEL I (CSU)

3 Units (Lec 2 Hrs / Lab 4 Hrs)

Prerequisite: Theater 274 2

The student learns to analyze scenes and speeches from selected plays at an advanced level. Content emphasizes



research, characterization, playing actions/reactions, vocal development, emotional centering, discoveries, release, control and physical expressiveness.

THEATER 276-2 ACTORS' WORKSHOP LEVEL II (CSU)

3 Units (Lec 2 Hrs / Lab 4 Hrs)

Prerequisite: Theater 276 1

The student learns to analyze scenes and speeches from selected plays at an advanced level. Content emphasizes research, characterization, playing actions/reactions, vocal development, emotional centering, discoveries, release, control and physical expressiveness.

THEATER 277 CHARACTER ANALYSIS (UC/CSU)

3 Units (Lec 3 Hrs)

Prerequisite: Theater 270

The course covers the analytical steps involved in the study of a play and the development of character preparatory for rehearsal and performance.

THEATER 285 DIRECTED STUDY THEATER (CSU)

2 Units (Lec 2 Hrs)

TA 285 allows students to pursue Directed Study on a contract basis under the supervision of a supervising instructor.

THEATER 294 REHEARSALS AND PERFORMANCES IV (UC/CSU)

4 Units (RPT 3) (Lab 12 Hrs)

Prerequisite: Theater 270

Students perform a role (or roles) in a public performance of a play in the Theatre Academy season integrating principles and techniques of acting, character analysis, voice and movement. Students will be introduced to rehearsal disciplines and professional work habits during the preparation for public performance and will experience audience response to their acting skills.

THEATER 300 INTRODUCTION TO STAGE CRAFT (UC/CSU)

3 Units (Lec 3 Hrs)

The student studies the theory and professional practices of design and technical play production for; scenery, properties, lighting, sound, costuming, and stage management.

THEATER 302 INTRODUCTION TO STAGE MANAGEMENT (UC/CSU)

3 Units (Lec 3 Hrs)

Students learn the function of stage managers in professional theater productions.

THEATER 311 THEATRICAL LIGHTING (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students develop skills used in theatrical lighting including use of lighting instruments, accessories, control systems, as well as safety procedures. Students will light projects that develop foundational skills placement of appropriate lights, magic sheets, patching as well as accuracy in the reproduction of light plots.

THEATER 313 SCENIC PAINTING FOR THE THEATER (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students develop skills used in theatre scene painting, including use of equipment and materials, preparation of paint surfaces, paint application techniques as well as safety practices. Students will paint projects that develop foundational skills cartooning and layout, color theory, paint mixing, brushwork (lining, lay in, wet blend) as well as accuracy in the reproduction of paint elevations.

THEATER 314 THEATRICAL SOUND DESIGN FUNDAMENTALS, PROCEDURES/OPERATIONS (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students interested in the study of theory and practices used to setup production and sound equipment related materials utilized in a professional sound design for the theater. Students will practice professional sound installations and design techniques.

THEATER 315 INTRODUCTION TO THEATRICAL SCENIC DESIGN (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students study and develop a graphic vocabulary in order to express design concepts for scenic environments. Students analyze specific text or events and create design documentation in order to communicate ideas and visual concepts. Class projects focus on specific skills and forms of design presentations; script analysis, ground plan and section, elevations, details, model building and computer pre visualization of virtual environments.

THEATER 321 COMPUTER AIDED DRAFTING AND DESIGN III (CSU)

3 Units (Lec 3 Hrs)

Students create design plans for theatre disciplines on various computer applications including Auto CAD, Sketchup, and Sketchbook. The design student will be introduced to the necessary skills to create professional design documentation and paperwork for scenic, lighting, and costume design.

THEATER 325 ADVANCED STAGE CRAFT (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

This course will provide the student with instruction in advanced methods, physical techniques, and crew responsibilities of the theatre technician in all the specialty areas. The process will include emphasis on practical solutions and leadership in crew and equipment management. Use of state of the art stage equipment and show operation forms to execute a production in multiple entertainment medias is covered. The direct outcome is to prepare the student for work in the behind the scenes of the entertainment industry.

THEATER 335 APPLIED STAGE MANAGEMENT AND PRODUCTION IV (UC/CSU)

4 Units (RPT 3) (Lab 12 Hrs)

Technical Theatre students study the real and theoretical practices of managerial and technical theatre while constructing an actual production in college shops. Production work will consist of; carpentry, painting, lighting, sound editing and or stage management

THEATER 336 APPLIED STAGE MANAGEMENT & PRODUCTION LAB

1 Units (Lab 3 Hrs)

Technical Theater Students study the real and theoretical practices of theater production while mounting an actual production in a college theater venue. Production crew work will consist of the collaborative synthesis of multiple departments in the creation of a theatrical performance and the techniques necessary in the management of resources towards a successful entertainment event.

THEATER 338 INTRODUCTION TO DESIGN: THEATER, FILM, AND TV (UC/CSU)

3 Units (Lec 3 Hrs)

The student studies the design process for theatre, film, and TV. Specific topics include the relationship between text and design choices, recognition of basic compositional elements; color, mass, line, texture, rhythm, balance as used in storytelling, and the creation of design presentations through collage. Additional lecture topics include, architectural spaces of storytelling, from the proscenium arch to the sound stage, business practices of design, union affiliations for professional designers and typical business vocabulary.

THEATER 345 TECHNICAL STAGE PRODUCTION IV (UC/CSU)

4 Units (RPT 3) (Lab 12 Hrs)

Corequisite: Theater 270 Or Theater 272

Theatre Academy Advanced Acting Students study the real and theoretical practices of managerial and technical theatre while mounting an actual production in a college theater venue. Production work will consist of the collaborative synthesis of multiple departments in the creation of a theatrical performance and the techniques necessary in the management of resources towards a successful entertainment event.

THEATER 385 DIRECTED STUDY THEATER (CSU)

3 Units (Lec 3 Hrs)

Theater students pursue on their own an in depth study of a subject of special interest in the field of theater. Consultation with the instructor on a weekly basis, plus independent work is required.

THEATER 400 COSTUME PERIODS AND STYLES (UC/CSU)

3 Units (Lec 3 Hrs)

The student studies the changes in dress from ancient to modern times, relating social and political forces influencing costuming for stage, film, and television.

THEATER 411 COSTUMING FOR THE THEATER (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students study the techniques and practices of theatrical costuming. Topics include: choice, use, and manipulation of patterns, textiles, jewelry and accessories to imitate historical appearances meeting the needs of performance costume rather than clothing. Practical solutions to budget limits and camera media.

THEATER 413 COSTUME DYEING AND PAINTING (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

The student learns techniques of dyeing and surface design of fabric for theater and film and practices dyeing, tie dye, batik, stencil, screening, heat transfer, aging, antiquing and distressing.

THEATER 414 COSTUME DRAPING AND ACCESSORIES

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students study the theory and practice of creating stage and film costumes and costume accessories through draping.

THEATER 415 COSTUME DESIGN FOR THE THEATRE (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Advisory: English 101

Students study the techniques and practices of theatrical costume design and illustration. Topics include: analyzing the play script, costume history, textiles, research, costume plot, budget, illustrating costume design and construction of costumes for theatrical performance.

THEATER 416 MATERIALS AND METHODS FOR THE COSTUMER (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Lecture and laboratory study of various non textile materials and techniques used by the costumer including latex, leather, plastics, glues, foam, rubber and molds.

THEATER 417 COSTUMING FOR FILM (CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Techniques and practices of costuming for film; analyzing and breaking down the script using computer spreadsheet, creating character boards, design conferences, budgeting, preproduction planning and resourcing.

THEATER 418 COMMUNICATING THEATRICAL DESIGN

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students explore basic methods and techniques for the theatrical designer to communicate both scenic and costume design. Includes perspective drawing, ground plans, shading, textures, character bodies and illustration techniques using pencil and colored pencil.

THEATER 419 ADVANCED COSTUME ILLUSTRATION

3 Units (Lec 2 Hrs / Lab 2 Hrs)

The student studies advanced costume illustration for theatre and film, including; advanced figure drawing, sketch artist techniques, computer illustration, rendering textures and creating finished costume plates.

THEATER 420 COSTUMING ON SET

3 Units (Lec 2 Hrs / Lab 2 Hrs)

Students study and practice techniques of on set costuming. Instructional activities include: interview with student directors, prepare for design conferences, prepare costumes, and work as an on set costumer for a student film project. Completed film project will be viewed as part of final evaluation.

THEATER 425 APPLIED COSTUMING FOR THE THEATER (CSU)

4 Units (RPT 3) (Lab 12 Hrs)

Students receive practical experience in construction and maintenance of costumes for public theatrical presentation. Emphasis on professional wardrobe/dressing room practices, construction, alteration, maintenance, repair, cleaning and storage of costumes. Students must be available for rehearsals and performances.

THEATER 450 BEGINNING STAGE MAKE UP (UC/CSU)

3 Units (Lec 2 Hrs / Lab 2 Hrs)

The student learns techniques and practices of theatrical makeup design and application. The student analyzes faces and designs and performs makeups including; glamor, aging, beards, stylized, and impersonations on their own face. Topics include the use of makeup for film and television.

NONCREDIT COURSE DESCRIPTIONS

BASIC SKILLS (BSICSKL)

BSICSKL 006CE REVIEW OF BASIC ENGLISH

0 Units (RPT) (Lec 2 Hrs)

This course is a review for students planning to take the CAHSEE. You will review: grammar, reading comprehension, literary responses, writing skills and application, and specific language used within the context of High School Level English. The curriculum is designed to assist students who are in transition, either from high school and/or a dislocated worker returning back to school. The curriculum is modifiable for the LEP student.

BSICSKL 007CE REVIEW OF BASIC MATH

0 Units (RPT) (Lec 2 Hrs)

This course is a review for students planning to take the CAHSEE. You will review High School Level Math. The curriculum is designed to assist a variety of students. Some who are preparing for the CAHSEE and still in High School, other in transition, from high school and/or a dislocated worker returning back to school. The curriculum is modifiable for the LEP student.

BSICSKL 023CE COLLEGE AND SCHOLASTIC ASSESSMENT PREPARATION

0 Units (RPT) (Lec 2 Hrs)

This course is designed to review test taking, math, reading and writing skills to prepare Students for college assessment tests as well as orient Students in note taking, study, and organizational skills required for college success.

BSICSKL 034CE HIGH SCHOOL EQUIVALENCY TEST PREPARATION

0 Units (RPT) (Lec 6.5 Hrs)

This course is designed to review test taking, math, reading, writing, science and social studies skills to prepare students to pass a California approved High School equivalency test.

BSICSKL 035CE BASIC MATH SKILLS

0 Units (RPT) (Lec 1 Hrs / Lab 2 Hrs)

This course is designed to help build confidence and prepare individuals who are transitioning into a new career or need to brush up his/her skills. Upon successful completion of this class, students will be able to perform basic computations and solve re

BSICSKL 037CE BOOTCAMP FOR ENGLISH

0 Units (RPT) (Lec 27 Hrs)

Students will improve their academic writing. They will develop their understanding of purpose, audience, drafting, revision, and editing methods. Students will improve their critical reading and writing skills. This class is designed to help students place into English IO 1, a college level writing course (or place into a higher level of English than their initial placement).

BSICSKL 052CE CAHSEE BASIC ENGLISH I

0 Units (RPT) (Lec 2 Hrs)

Students review material designed to prepare for a high school equivalency exam. Students review standards of reading comprehension, word analysis, literary response and analysis and language used at the High School English Level. The curriculum is modifiable to meet the needs of Limited English Proficient (LEP).

BSICSKL 053CE CAHSEE BASIC ENGLISH II

0 Units (RPT) (Lec 2 Hrs)

This scholastic assessment preparation course is designed to prepare students for any High School Equivalency exam such as the CAHSEE, HiSET, or the General Educational Development (GED): Literature and the Arts Test. The class will include critical thinking skills reading comprehension skills, interpreting graphs, analyzing literature and the arts including tone and style/prose fiction, interpreting poetry, drama, plays, non fiction and commentaries. The curriculum is modifiable to meet the needs of Limited English Proficient (LEP) populations.

BSICSKL 075CE INTRODUCTION TO POST SECONDARY EDUCATION

0 Units (RPT) (Lec 0.5 Hrs)

This course introduces students to the opportunities and benefits of post secondary education. This course provides students with essential information; strategies and tools that will help overcome real and perceived obstacles and successfully navigate their transition to college.

BSICSKL 083CE GED/HISET PREPARATION: LITERATURE AND THE ARTS

0 Units (RPT) (Lec 3 Hrs)

Students prepare for any High School Equivalency exam such as the General Educational Development (GED), HiSET or the TASC or any high school equivalency exam: Literature and the Arts Test. The class includes critical thinking, reading comprehension. interpreting graphs, analyzing literature and the arts, lone and style/prose fiction, interpreting poetry, drama. plays. non fiction and commentaries. This course is also modifiable for Distance Learning and the LEP Population.

BSICSKL 084CE GED/HISET PREPARATION: MATHEMATICS

0 Units (RPT) (Lec 3 Hrs)

Students prepare for any high school equivalency exam such as the General Educational Development (GED), HiSET or TASC in Mathematics. The class covers arithmetic, the metric system, algebra, geometry, statistics, and probability problems. Depending upon the diagnostic assessment. students will be directed to an appropriate plan of study. This course is also modifiable for Distance Learning and the LEP Population.

BSICSKL 085CE GED/HISET PREPARATION: SCIENCE

0 Units (RPT) (Lec 3 Hrs)

Students prepare for the General Education Development (GED): Science Test. This class includes biology, earth science, astronomy, geology, meteorology, chemistry and physics. This course is also modifiable for the LEP population.

BSICSKL 086CE GED/HISET PREPARATION: SOCIAL STUDIES

0 Units (RPT) (Lec 3 Hrs)

Students prepare for any High School Equivalency exam such as the General Educational Development (GED). HiSET or the TASC enhances students' ability to read, understand, and use information in the context of social studies. Students focus on the five basic social studies content areas: United States history, civics and government, economics and geography. This course is also modifiable for Distance Learning and the LEP Population.

**ENGLISH AS A SECOND LANGUAGE
NONCREDIT (ESL NC)****ESL NC 001CE ENGLISH AS A SECOND LANGUAGE
BEGINNING I**

0 Units (RPT) (Lec 3 Hrs)

Students in this entry level course will learn to develop reading comprehension, critical thinking, and vocabulary skills that will prepare them for their academic and career success. In addition, the students will develop basic reading and speaking skills by utilizing materials at the appropriate reading level.

**ESL NC 002CE ENGLISH AS A SECOND LANGUAGE
BEGINNING II**

0 Units (RPT) (Lec 3 Hrs)

Students in this beginning level course will learn to develop reading comprehension, critical thinking, and vocabulary skills that will prepare them for their academic and career success. This course is designed to build upon the skills learned in ESL Beginning I. In addition, the students will continue to develop reading and speaking skills by utilizing materials at the appropriate reading level.

ESL NC 050CE BEGINNING CONVERSATION

0 Units (RPT) (Lec 5 Hrs)

This course is designed for students who wish to improve their listening comprehension of English and to increase their ability to make themselves understood, using conversational American English speech. This is the introductory level ESL conversation course.

ESL CIVICS (ESLCVCS)**ESLCVCS 010CE ESL AND CIVICS I**

0 Units (RPT) (Lec 1 Hrs)

Students learn civic content and practice oral/aural skills necessary to begin the process of becoming a United States citizen. Students develop beginning listening, speaking, reading and writing skills at an introductory English as a Second Language (ESL) level.

ESLCVCS 011CE ESL AND CIVICS II

0 Units (RPT) (Lec 1 Hrs)

Students learn civic content and practice oral/auditory skills necessary to begin the process of becoming a United States citizen. Students develop listening, speaking, reading and writing skills in preparation to the United States Citizenship and Immigration interview at a beginning English as a Second Language (ESL) level.

ESLCVCS 012CE ESL AND CIVICS III

0 Units (RPT) (Lec 3 Hrs)

This competency based, open entry citizenship course introduces U.S. History and government with appropriate English Vocabulary and grammar structure for low intermediate level ESL (English as a Second Language) students who are preparing to take the U.S. citizenship examination.

ESLCVCS 013CE ESL AND CIVICS IV

0 Units (RPT) (Lec 3 Hrs)

In this open entry, noncredit course students will learn about integrated topics of Civics and Citizenship preparation. Students will prepare for the Citizenship test and interview. They will also learn skills to assist them with their immersion into a predominately English speaking society at an intermediate (ESL) English as a Second Language level.

ESLCVCS 014CE ESL AND CIVICS V

0 Units (RPT) (Lec 3 Hrs)

This competency based, open entry citizenship course introduces U.S. history and government with the appropriate English vocabulary and grammar structure for high intermediate ESL (English as a Second Language) students who are preparing to take the U.S. Citizenship examination.

ESLCVCS 015CE ESL AND CIVICS VI

0 Units (RPT) (Lec 3 Hrs)

Students discuss civics, U.S. history and government at an advanced ESL (English as a Second Language) level. Students prepare for the Citizenship test and interview. Students apply skills to assist them in their immersion into a predominately English speaking society by using advanced vocabulary.

ESLCVCS 030CE ENGLISH LITERACY AND CIVICS

0 Units (RPT) (Lec 6 Hrs)

Literacy students apply the content necessary to have a functioning understanding of the English language related to the citizenship test, appropriate civics objectives and other life skills situations. Students practice a variety of English and grammar contexts to prepare them for basic survival skills in a predominately English speaking society.

ESLCVCS 031CE ENGLISH LITERACY AND CIVICS

0 Units (RPT) (Lec 6 Hrs)

Students at the Beginning Low Level apply the content necessary to have a functioning understanding of the English language related to the citizenship test and similar civics objectives. Students practice a variety of English and grammar contexts to prepare them for basic life skills in a predominately English speaking society.

ESLCVCS 032CE ENGLISH LITERACY AND CIVICS

0 Units (RPT) (Lec 6 Hrs)

This is an open entry/open exit course for ESL students at the Beginning High Level. The skills of listening, speaking, reading, writing, and grammar are integrated and taught through the content of basic life, community, job, and citizenship skills.

ESLCVCS 033CE ENGLISH LITERACY AND CIVICS 3

0 Units (RPT) (Lec 6 Hrs)

This is an open entry/Open exit course for ESL students at the lower intermediate level. The skills of listening, speaking, writing, and grammar are integrated and taught through the content of basic life, community, job, and citizenship skills.

SUPERVISED LEARNING ASSISTANCE (TUTOR)

TUTOR 001T SUPERVISED TUTORING

0 Units (RPT) (Lab 20 Hrs)

Upon faculty/counselor referral, students receive tutoring in reading, writing and computational skills in the Learning Skills Department. Cumulative progress and attendance records will be maintained for this non credit, open entry/open exit course. No tuition, grades, or appearance on student's transcript. Student must be enrolled in a Los Angeles City College academic course.

VOCATIONAL EDUCATION (VOC ED)

VOC ED 002CE IN HOME SUPPORTIVE SERVICE**PROVIDERS**

0 Units (RPT) (Lec 5 Hrs)

Students gain the skills required to be an In Home Supportive Services (IHSS) Provider so that they can promote health and independence for an IHSS.

VOC ED 003CE WORKPLACE READINESS COMPUTERS

0 Units (RPT) (Lab 3 Hrs)

Fundamentals of computer hardware, software, and the internet for computer novices at the work place, introducing basic computer components and functions including hardware, operating systems, software applications, (e.g. word processing, spreadsheets, email) and web browsers to access information on the world wide web. The focus of this course is to prepare limited English proficient students to be competitive in securing employment, as well as retaining a job once they have acquired a job.

VOC ED 054CE VES L FOR CD I: SPECIALIZED**VOCABULARY IN DEVELOPMENTAL THEORIES**

0 Units (RPT) (Lec 1 Hrs)

This class is designed for Child Development (CD) students who need additional assistance in mastering the specialized vocabulary and developmental theories in introductory CD coursework. In addition, students will be taught study skills strategies, reading strategies, and test taking tools contextualized for child development credit course offerings. This course is modifiable for Limited English Proficient (LEP) students and can be completed before or concurrently with CD 1.

VOC ED 055CE VOCATIONAL ENGLISH AS A SECOND LANGUAGE C

0 Units (RPT) (Lec 3 Hrs)

A short term vocational course designed for Limited English Proficient (LEP) students who need help with developing basic and content skills related to the world of work. The class focus is speaking, listening, reading, writing, and arithmetic as practiced in the workforce and covers basic employee benefits and compensation: employee centered practices and performance modes.

VOC ED 056CE VOCATIONAL ENGLISH AS SECOND LANGUAGE FOR HEALTH CAREERS

0 Units (RPT) (Lec 2 Hrs)

Students learn English and acquire a general introduction to careers in the healthcare field and common medical practices. Emphasis is placed on vocabulary, medical terminology, pronunciation, grammar and the comprehension skills necessary for successful transition to health classes. This course is designed for Limited English Proficient students.

VOC ED 059CE VESL FOR HOME HEALTH AID

0 Units (RPT) (Lec 1 Hrs)

This course is designed for students who need to acquire a general introduction to careers in the healthcare field and common medical practices. Emphasis is placed on vocabulary, medical terminology, pronunciation, and comprehension skills necessary for successful transition to health classes. This class is modifiable for the Limited English Proficient (LEP) Student.

VOC ED 060CE CUSTODIAL TECHNICIAN TRAINING

0 Units (RPT) (Lec 1 Hrs / Lab 2.5 Hrs)

This course will provide students with the knowledge and hands on training needed to apply for entry level building maintenance service positions in the public and private sectors. Students will learn and practice basic safety protocols, the use of common custodial tools, and specific cleaning processes for different types of building areas.

VOC ED 078CE VOCATIONAL ENGLISH AS A SECOND LANGUAGE B

0 Units (RPT) (Lec 3 Hrs)

A short term vocational course designed for Limited English Proficient (LEP) students who need help with developing basic and content skills related to the world of work. The course focus is speaking, listening, reading, writing and arithmetic as practiced in the workplace and covers conduct, communication styles and relations: health and safety issues.

VOC ED 079CE VOCATIONAL ENGLISH AS A SECOND LANGUAGE A

0 Units (RPT) (Lec 3 Hrs)

A short term vocational course designed for Limited English Proficient (LEP) students who need help with developing basic and content skills related to the world of work. The course focus is speaking, listening, reading, writing, and arithmetic as practiced in the workforce.

VOC ED 084CE YOUNG ENTREPRENEUR TRAINING PROGRAM

0 Units (RPT) (Lec 2 Hrs)

This is a short term, Young Entrepreneur workshop, to be held over 3 weekends, Saturdays and Sundays, 6 hours each day for a total of 36 hours. It is designed to provide high school students with the basic tools on how to start a small business. Some of the topics covered include, but are not limited to: ideas for a teen business, benefits of owning a business, developing a business plan, looking at legal issues, and getting financing. Upon completion of this workshop, students will be awarded a Certificate of Completion by LA City College.

VOC ED 093CE WORKPLACE COMMUNICATION: TEAM DYNAMICS

0 Units (RPT) (Lec 3 Hrs)

This open entry/exit course is designed for students to learn and make wise decisions that affect Work & Life Balance. Students learn the skills necessary to build and maintain healthy relationships, communication patterns, learn effective speaking and listening techniques, workplace ethics, the importance of becoming a person of character, discussing hidden issues that hinders students from completing their goals. This course can be contextualized and is modifiable for the LEP population.

VOC ED 230CE 30 WAYS TO SHINE AS A NEW EMPLOYEE

0 Units (RPT) (Lec 0.33 Hrs)

This short term vocational education course is designed to provide new and incumbent workers "30 Ways to Shine as a New Employee" and increase their level of customer service and colleague relations. The curriculum is modifiable for the LEP student. The topics covered but are not limited to new beginners, understanding the workplace culture and dealing with change. After completing this course the student has an option to continue their education or become gainfully employed.

VOC ED 231CE RETAILING SMARTS 6: BUILDING SALES

0 Units (RPT) (Lec 7 Hrs)

This short term vocational education course is designed to provide new and incumbent workers in building sales required in getting to know their customer or client. The curriculum is modifiable for the LEP students. The topics covered but are not limited to suggesting additional merchandise, creating special promotions, and taking the guesswork out of giftgiving. After completing this course the student has an option to continue their education or become gainfully employed.

VOC ED 232CE CLOSING THE SALE

0 Units (RPT) (Lec 1 Hrs)

This short term vocational education course is designed to provide new and incumbent workers with the skills and strategies required in making a sale. The curriculum is modifiable for the LEP students. The topics include recognizing buying signals, asking for the sale and suggesting helpful add ons.

VOC ED 233CE COMPLETING THE SALES TRANSACTION

0 Units (RPT) (Lec 1 Hrs)

This short term vocational education course is designed to provide new and incumbent workers with skills needed to efficiently complete sales transactions. The curriculum is modifiable for the LEP students. The topics covered but are not limited to: accepting checks and credit cards, and completing sales transaction paperwork. After completing this course the student has an option to continue their education or become gainfully employed.

VOC ED 234CE EXPLAINING FEATURES AND BENEFITS

0 Units (RPT) (Lec 1 Hrs)

This short term vocational education course is designed to provide new and incumbent workers with strategies in order to explain features and benefits of products to customers. The curriculum is modifiable for the LEP students. The topics covered but are not limited to: learning about the products you sell, identifying product features, and demonstrating product features. After completing this course the student has an option to continue their education or become gainfully employed.

VOC ED 235CE CUSTOMER SERVICE SMARTS:GOING THE EXTRA MILE

0 Units (RPT) (Lec 1 Hrs)

This short term customer service workshop is designed to provide new and incumbent workers with the strategies required in going the extra mile for a customer. The curriculum is modifiable for the LEP student and designed for incumbent workers and/or new employees. The topics covered but are not limited to: customer follow up, artfully using business cards, business card etiquette, and personal services. After completion of this workshop the attendee will have two options 1) continue their education 2) become gainfully employed.

VOC ED 236CE JOB CLUB

0 Units (RPT) (Lec 1 Hrs)

This curriculum is designed to provide prospective employees with a support system that will assist them in preparation for the workforce. The curriculum is modifiable for the LEP students. The topics covered but are not limited to: planning their job search, utilizing outside resources, the "hidden" job market, and job market research. After completing this course the student has an option to continue their education or become gainfully employed.

VOC ED 237CE STRATEGIES IN MEETING YOUR CUSTOMERS NEEDS

0 Units (RPT) (Lec 1 Hrs)

This short term vocational education course is designed to provide new and incumbent workers with the strategies required in understanding their customers or client's needs. The curriculum is modifiable for the LEP student. The topics covered but are not limited to making shopping an enjoyable experience,

accommodating customers with disabilities, in store and phone customers, keeping commitments to your customer, and special orders.

VOC ED 238CE BLUEPRINT FOR WORKPLACE SUCCESS

0 Units (RPT) (Lec 2 Hrs)

This short term vocational education course is designed to provide new and incumbent workers with the strategies required in building a continuous relationship with the customer/client. The curriculum is modifiable for the LEP student. The topics covered but are not limited to: honoring manufacturer's warranties, understanding the company's return policy, and gracefully handling customer complaints. After completing this course the student has the option to continue their education or become gainfully employed.

VOC ED 239CE CUSTOMER SERVICE SKILLS

0 Units (RPT) (Lec 1 Hrs)

This short term vocational education course is designed to provide new and incumbent workers with the customer service skills required in getting to know their customer or client and in order to increase their employability. The curriculum is modifiable for the LEP students. The topics covered but are not limited to know what customers want, listening to customers, and telephone customer service. After completing this course the student has an option to continue their education or become gainfully employed.

VOC ED 240CE STRATEGIES IN ADAPTING TO YOUR CUSTOMER

0 Units (RPT) (Lec 1 Hrs)

This short term vocational education course is designed to provide new and incumbent workers with the strategies required in adapting to their customers or clients. The curriculum is modifiable for the LEP student. The topics cover learning how to greet customers, building relationships, determining a customer's needs. This course can be offered as a stand alone course or combined within the eight modules that are related to this material. After completing this course the student has an option to continue taking classes in their field of choice, or become gainfully employed.

VOC ED 241CE GET TO KNOW YOUR CUSTOMER

0 Units (RPT) (Lec 1 Hrs)

This short term vocational education course is designed to provide new and incumbent workers the methods and skills in how to get to know their customer. The curriculum is modifiable for the LEP students. The topics covered but are not limited to greeting customers in a winning way, building relationships, and determining a customer's needs. After completing this course the student has an option to continue their education or become gratefully employed.

VOC ED 242 CE – BANQUET SERVER SKILLS TRAINING

0 Units (RPT) (Lec 1 Hrs)

Banquet Server skills workshop is designed to provide new and incumbent workers with the skills needed to be the best in banquet services. Some of the topics covered include, but are not limited to: setting tables for banquets, providing beverage service, taking and serving orders, maintaining buffet tables and refreshing meeting rooms. Upon completion of this workshop, students will take a Knowledge Test with 100 multiple choice questions. Upon scoring 75% or better on this test students

will qualify for the Banquet Server Skills Certificate provided by the Educational Institute of the American Hotel & Lodging Association. Students will also be awarded a Certificate of Completion by LA City College.

VOC ED 243 CE – FRONT DESK REPRESENTATIVE

0 Units (RPT) (Lec 1 Hrs)

Front Desk Representative workshop is designed to provide new and incumbent workers with the tools to provide superior guest service. Students will learn, among other skills, how to use effective sales techniques, conduct guest check-ins, serve guests with special needs and turn customer complaints into opportunities to build great relationships with their guests. After completing this workshop, students will take a Knowledge Test with 100 multiple choice questions. Upon scoring 75% or better on this test students will qualify for the Front Desk Representative Skills Certificate provided by the Educational Institute of the American Hotel & Lodging Assoc. Students will also be awarded a Certificate of Completion by LA City College.

VOC ED 244 CE – LAUNDRY ATTENDANT SKILLS TRAINING

0 Units (RPT) (Lec 1 Hrs)

New and incumbent workers learn the skills to provide the best in guest services. Some of the topics covered include, but are not limited to: using washers & dryers, sorting and ironing linens, using mechanical flat-work iron and line-folding equipment, sewing & mending, and responding to housekeeping requests. After completing this workshop, students will take a Knowledge Test with 100 multiple choice questions. Upon scoring 75% or better on this test students will qualify for the Laundry Attendant Skills Certificate provided by the Educational Institute of the American Hotel and Lodging Association. Students will also be awarded a Certificate of Completion by LA City College.

VOC ED 245 CE – PUBLIC SPACE CLEANER SKILLS

0 Units (RPT) (Lec 1 Hrs)

New and incumbent workers learn skills to become an effective Public Space Cleaner. Some of the topics covered include, but are not limited to: preparing public spaces for cleaning, using various cleaning tools and agents, learning different methods of cleaning. Upon completion of this workshop, students will take a Knowledge Test with 100 multiple choice questions. Upon scoring 75% or better on this test students will qualify for the Maintenance Attendant Skills Certificate provided by The American Hotel & Lodging Association (AH&LA). Students will also be awarded a Certificate of Completion by LA City College.

VOC ED 246 CE - RESTAURANT SERVER SKILLS TRAINING

0 Units (RPT) (Lec 1 Hrs)

The Restaurant Server course is designed to provide new and incumbent workers with the tools they need to provide the best in restaurant services. Some of the topics covered include, but are not limited to: setting up the restaurant for service, greeting and seating guests and taking beverage and food orders. Upon completion of this workshop, students will take a Knowledge Test with 100 multiple choice questions. Upon scoring 75% or better on this test students will qualify for the Restaurant Server Skills Certificate provided by the Educational Institute of the American Hotel & Lodging Association. Students will also be awarded a Certificate of Completion by LA City College.

VOC ED 247 CE – KITCHEN STEWARD SKILLS TRAINING

0 Units (RPT) (Lec 1 Hrs)

Kitchen Steward skills workshop is designed to provide new and incumbent workers with the tools they need to provide the best in guest services. Some of the topics covered include, but are not limited to: Cleaning tools and surfaces, following a recycling program, washing dishes and silverware and cleaning and sanitizing working surfaces. Upon scoring 75% or better on this test students will qualify for the Kitchen Steward Skills Certificate provided by The American Hotel & Lodging Association (AH&LA). Students will also be awarded a Certificate of Completion by LA City College.

VOC ED 248 CE – MAINTENANCE ATTENDANT SKILLS TRAINING

0 Units (RPT) (Lec 1 Hrs)

New and incumbent workers learn skills to become an effective Maintenance Attendant. This workshop is designed to provide the tools needed to provide the best maintenance services. Some of the topics covered include, but are not limited to: preventative maintenance, inspections, installations, repair and servicing and troubleshooting. Upon completion of this workshop, students will take a Knowledge Test with 100 multiple choice questions. Upon scoring 75% or better on this test students will qualify for the Maintenance Attendant Skills Certificate provided by The American Hotel & Lodging Association (AH&LA). Students will also be awarded a Certificate of Completion by LA City College.

VOC ED 249 CE – RESERVATIONIST SKILLS TRAINING

0 Units (RPT) (Lec 1 Hrs)

New and incumbent workers learn essential computer-based reservation systems for efficient service. Students will learn to take reservations by phone, printed forms, block room, process payments and effective telephone sales techniques. Upon completion of this workshop, students will take a 100 question multiple choice test. Upon scoring 75% or better on this test students may qualify for the Reservation Specialist Skills Certificate provided by the American Hotel & Lodging Association (AH&LA). Students will also be awarded a Certificate of Completion by L.A. City College.

VOC ED 250CE GUESTROOM ATTENDANT SKILLS TRAINING

0 Units (RPT) (Lec .33 Hrs)

This short term, one day, six hour Guestroom Attendant skills workshop is designed to provide new and incumbent workers with the tools they need to provide the best in guest services. Some of the topics covered include, but are not limited to: preparing guestrooms for cleaning, sanitizing rooms, replenishing supplies and keep work areas organized. Upon completion of this workshop, students will take a Knowledge Test with 30 multiple choice questions. Upon scoring 75% or better on this test and completing 90 hours of on the job training, students will qualify for the Guestroom Attendant Skills Certificate provided by the Educational Institute of the American Hotel & Lodging Association. Students will also be awarded a Certificate of Completion by LA City College.

VOC ED 279CE CAREER EXPLORATION: OFFICE ADMINISTRATION

0 Units (RPT) (Lec .33/Lab 2 Hrs)

This course is designed to introduce prospective students to an educational track in the department of Office Administration. The occupational outlook will be highlighted and students will have a clear idea of the steps involved with regards to education, workplace responsibilities and career pathway progression.

VOC ED 294CE INTRODUCTION TO SOCIAL MEDIA WORDPRESS BLOGS

0 Units (RPT) (Lab 1 Hrs)

This introductory course combines demonstrations and hands on practice to provide students with the basic knowledge and skills needed to create a website using Word Press and install, configure and use social media tools and plug ins for your website and blog.

