

## CATALOG UPDATE

The current College of the Canyons Catalog covers the period 2008-2010. College of the Canyons will not produce a new catalog this year but, rather, this addendum which reflects all changes or corrections through Spring, 2009. It is anticipated that a fully revised college catalog will be produced in Spring 2010.

This catalog supplement should be used by students and staff along with the existing 2008-2010 catalog. Students are strongly encouraged to seek advice from the Counseling Department. Additional information and publications will be made available to students throughout the year as appropriate.

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ASSOCIATE DEGREES/GRADUATION  
REQUIREMENTS

## GENERAL EDUCATION REQUIREMENTS

## D. Language and Rationality

## 2. Communication and Analytical Thinking:

*Select one course from the following:*

Business ~~144~~, 291; Communication Studies 105, 105H, 205, 223, 225, 227; Computer Science 111, 132; Economics 291; Journalism 105 (F06); Math 070, 083, 102, 103, 104, 111, 120, 130, 140, 211, 212, 213, 214, 215, 240; Philosophy 205, 230; Psychology 103, 135; Sociology 102, 108 or 135

## COMPETENCY REQUIREMENTS

- **Reading Competency** - Minimum grade of "C" required. Competence is demonstrated by completion of English: ~~091, 094~~, 101 or 101H, ~~ESL100~~
- **Written Expression Competency** - Minimum grade of "C" required. Competence is demonstrated by completion of English: ~~091, 094~~, 101, 101H, 102, 103, 204, or ~~ESL 100 or JOURN 105 (F06)~~
- **Mathematics Competency** - Minimum grade of "C" required. Competence is demonstrated by completion of Business: ~~144~~, 291; Economics 291; Mathematics 070, 083, 102, 103, 104, 111, 120, 130, 140, 211, 212, 213, 214, 215, 240; Psychology 135 or Sociology 135

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## COURSE REPETITION

**Definitions:**

Students may repeat courses for which they have earned a substandard grade one time unless the course is a multiple repeat course.

**Exceptions:**

- A student should repeat a course because there has been a significant lapse of time, normally over three years, since the student previously took the course.
- Certain courses may be repeated up to a maximum of three times for a total of four enrollments regardless of the grades earned. These courses are identified in the college catalog and the schedule of classes. All grades earned for the authorized repeats shall be counted toward the grade point average.

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## PROBATION/DISMISSAL

**Standards for Progress Probation**

**Progress Probation:** A College student shall be placed on progress probation if the student has enrolled in a total of at least 12 units and the percentage of all units in which a student has enrolled for which entries of W (Withdrawal), I (Incomplete), and NP (No Pass) are recorded reaches or exceeds fifty percent.

**Removal of Probation**

2. **Progress probation:** A student on progress probation, because of excess units for which entries of W (Withdrawal), I (Incomplete), and NP (No Pass) are recorded, shall be removed from probation when the percentage of units in this category drops below fifty percent.

**Standards for Dismissal**

2. **Progress dismissal:** Progress dismissal: When the cumulative percentage of units in which the student has been enrolled for which entries of W (Withdrawal), I (Incomplete), and NP (No Pass) are recorded in at least three consecutive semesters reaches or exceeds fifty percent.

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**ADMINISTRATION OF JUSTICE**

(REVISED CATALOG DESCRIPTION, HOURS AND UNITS)

**ADMJUS 202 CUSTODY ASSISTANT**

Units: 13.50 - CSU 199.5 hours lecture maximum, 120.5 hours lab maximum

Provides entry level training for students to assist deputy sheriffs in the supervision of inmates, processing inmate records, preparing inmates for court appearances, assigning classification of security categories and supervising inmate visitation. Must be 18 years or older to enroll.

Student must successfully pass a written examination, a test in physical agility and strength, a medical examination covering all aspects of health, an intensive personal background investigation, and a psychiatric evaluation. These tests must be successfully completed under published guidelines of various individual police departments and public safety agencies, the Los Angeles County Health Department, and rules of the Los Angeles County Civil Service Commission and the State of California as directed by the Peace Officers Standards and Training (POST).

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**ANIMATION**

(REVISED DEGREE)

**Associate in Arts Degree: Animation Production**

Units required for major: 31

ANIM 100	History of Animation	.3.0
ANIM 101	Introduction to Animation	.3.0
ANIM 120	Story Development and Storyboarding	.3.0
ANIM 190	Digital Animation Production	.3.0
ANIM 221	Environmental Design for Animation	.3.0
ANIM 222	Character and Prop Design for Animation	.3.0
ANIM 201	Advanced Animation	.3.0
GMD 047	Introduction to Photoshop	.1.0
ART 124A	Drawing I	.3.0
ART 124B	Drawing II	.3.0

*Plus three units from the following:*

ANIM 280	Animation Portfolio	.3.0
CWEXP 188	Cooperative Work Experience Education	.1.0 - 4.0

*Recommended electives:*

THEATR 140	Acting Fundamentals	.3.0
DANCE 111	Fundamentals of Dance Movement	.1.0
THEATR 241	Movement for the Performer	.3.0
THEATR 242	Voice for the Performer	.3.0
ART 224A	Drawing III - Life Drawing	.3.0

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(REVISED DEGREE)

**Associate in Arts Degree: Computer Animation**

Units required for major: 31

ANIM 100	History of Animation	.3.0
ANIM 101	Introduction to Animation	.3.0
ANIM 120	Story Development and Storyboarding	.3.0
ANIM 130	Flash Animation	.3.0
ANIM 141	Introduction to 3D Computer Animation: Maya	.3.0
ANIM 190	Digital Animation Production	.3.0
ANIM 230	Texture Mapping for Computer Animation	.3.0
ANIM 241	Advanced Maya Animation	.3.0
GMD 047	Introduction to Photoshop	.1.0
GMD 173	Motion Design	.3.0

*Plus three units from the following:*

ANIM 280	Animation Portfolio	.3.0
CWEXP 188	Cooperative Work Experience Education	.1.0 - 4.0

*Recommended electives:*

GMD 172	Desktop Video	.3.0
ANIM 222	Character and Prop Design for Animation	.3.0
ANIM 120	Story Development and Storyboarding	.3.0
ANIM 221	Environmental Design for Animation	.3.0
ART 124A	Drawing I	.3.0
DANCE 111	Fundamentals of Dance Movement	.1.0
THEATR 241	Movement for the Performer	.3.0

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ANTHROPOLOGY

(ADD)

**ANTHRO 103H CULTURAL ANTHROPOLOGY - HONORS**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum  
Studies the nature of humankind, culture, and society, including the concepts and theories used for their analysis and understanding. Prehistory, cultural growth, social organization, family systems, politics and economics, war, religion, values, culture shock, and applied anthropology are examined. Additional reading, writing and research techniques are required.

(REVISED CATALOG DESCRIPTION)

**ANTHRO 215 INDIANS OF THE SOUTHWESTERN UNITED STATES**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum  
Surveys the cultural adaptations of native peoples of the Southwestern United States and their changes through time, including the historical and contemporary contrasts in ethnologic and ethnographic data, archaeological backgrounds and the historic relations of native peoples with Spanish, Mexican and Anglo-American occupiers of their lands.

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ARCHITECTURAL DRAFTING

(NEW CERTIFICATE)

**Certificate of Specialization: Architectural Computer Aided Drafting**

Units required for Certificate: 16

ARCHT 110	Architectural Drafting I	. . . . .	3.0
ARCHT 160	AutoCAD for Architecture and Interior	. . . . .	3.0
ARCHT 220	Architectural Drafting II	. . . . .	3.0
ARCHT 260	Advanced CAD for Architecture and Interior Design	. . . . .	3.0
ARCHT 270	CAD 3-D Modeling/Animation	. . . . .	4.0

(NEW DEGREE)

**Associate in Science Degree: Architectural Drafting and Technology**

Units required for Major: 38 – 39

ARCHT 100	Careers in Architecture, Interior Design and Related Fields	. . . . .	1.0
ARCHT 110	Architectural Drafting I	. . . . .	3.0
ARCHT 120	Design I - Elements of Architectural Design	. . . . .	3.0
ARCHT 140	Materials and Methods of Construction	. . . . .	3.0

ARCHT 160	AutoCAD for Architecture and Interior Design	. . . . .	3.0
ARCHT 180	Codes and Zoning Regulations	. . . . .	3.0
ARCHT 190	Design II - Space Planning	. . . . .	3.0
ARCHT 200A	Sustainable Development and Environmental Design	. . . . .	3.0
ARCHT 200B	Design III - Environmental Design Lab	. . . . .	1.0
ARCHT 220	Architectural Drafting II	. . . . .	3.0
ARCHT 240	Architectural Design Portfolio	. . . . .	3.0

*Plus three units from the following:*

ARCHT 270	CAD 3-D Modeling/Animation	. . . . .	4.0
ARCHT 280	Design IV - Advanced Design	. . . . .	3.0

*Plus three units from the following:*

ID 103	Perspective and Interior Illustration	. . . . .	3.0
ID 104	Rapid Visualization and Illustration	. . . . .	3.0

*Plus three units from the following:*

ID 114	Architecture and Interiors History: Antiquity - Classical Revival	. . . . .	3.0
ID 115	Architecture and Interiors History: Classical Revival - Post Modern	. . . . .	3.0

*Recommended electives:*

ID 102	Applied Color for Designers	. . . . .	3.0
ID 207	Residential Design	. . . . .	3.0
ANTHRO 103	Cultural Anthropology	. . . . .	3.0
ART 124A	Drawing I	. . . . .	3.0
GMD 047	Introduction to Photoshop	. . . . .	1.0

(REVISED TITLE, CATALOG DESCRIPTION, HOURS AND UNITS)

**ARCHT 100 CAREERS IN ARCHITECTURE, INTERIOR DESIGN AND RELATED FIELDS**

Units: 1.00 - CSU 18.0 hours lecture maximum  
Surveys careers in architecture, interior design and related fields, including degree requirements, transfer institutions, income, and employment opportunities. Field trips may be required. (Same as ID-100)

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(REVISED TITLE, CATALOG DESCRIPTION, HOURS AND UNITS)

**ARCHT 200A SUSTAINABLE DEVELOPMENT AND ENVIRONMENTAL DESIGN**

Units: 3.00 - CSU 54.0 hours lecture maximum  
Introduces sustainable development and environmental design concepts related to culture, economics, politics, climate, energy systems, architecture and city planning. Students who have earned credit for ARCHT 200 cannot receive credit for this course.

(ADD)

**ARCHT 200B DESIGN III - ENVIRONMENTAL DESIGN LAB**

Units: 1.00 - CSU 54.0 hours lab maximum

*Prerequisite: ARCHT-120 Co-requisite: ARCHT-200A Recommended Preparation: ARCHT-140, ARCHT-110 or ID-110, and ID-103*

A laboratory course focusing on environmental design principles, including climate, energy use, comfort, and materials for envelope-load dominated buildings. Field trips may be required. Students who have earned credit for ARCHT-200 cannot receive credit for this course.

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(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**ARCHT 240 ARCHITECTURAL DESIGN PORTFOLIO**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

Creation of individual student portfolios emphasizing student accomplishments, instructional objectives, and portfolio content desired for interviews in industry, or those required by accredited schools of architecture. May be taken three times for credit.

(REVISED PREREQUISITE)

**ARCHT 270 CAD 3-D MODELING/ANIMATION**

Units: 4.00 - CSU 36.0 hours lecture maximum, 108.0 hours lab maximum

*Prerequisite: ARCHT-160*

Intermediate to advanced architectural CAD in 3-D illustration, rendering and animation. Virtual 'walk-through' and 'fly-through' of interior/exterior 3-D models with photo-realistic materials and lighting will be produced. May be taken two times for credit.

(REVISED PREREQUISITE)

**ARCHT 280 DESIGN IV - ADVANCED DESIGN**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: ARCHT-140, ARCHT-200A, ARCHT-200B, ARCHT-220 and ID-114 Recommended Preparation: ID-115*

Application of methods and theory used in architectural design projects. Includes graphic technique, design process, site analysis, presentation drawings, construction principles, physical and cultural determinants of design and urban form. Portfolio will be produced.

**PAGE 62****ART**

(REVISED TITLE, CATALOG DESCRIPTION)

**ART 110 ART HISTORY: ANCIENT TO MEDIEVAL**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

Analyzes major works of art emphasizing major monuments of art in painting, sculpture, and architectures of the Western World from prehistoric times until the Renaissance. Field trips may be required.

(DELETE)

**ART 113 CONTEMPORARY AMERICAN ARTISTS**

(ADD)

**ART 199 SPECIAL STUDIO TOPICS**

Units: 2.00 - CSU 18.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: Portfolio review*

Special studio course for students who meet portfolio requirement. This course is directed toward a traveling exhibition in Tokyo, Japan. This course will allow the students to pursue a more advanced and complex studio experience producing work designed specifically for shipping and exhibition in Japan. May be taken four times for credit. Offered pass/no-pass only.

(REVISED TITLE, CATALOG DESCRIPTION)

**ART 205 LANDMARKS OF ART AND VISUAL CULTURE**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

Introduces great works of art and visual culture, both past and present, as a means of stimulating visual, emotional, and intellectual awareness of the artistic heritage of world art. Field trips may be required.

(REVISED TITLE, CATALOG DESCRIPTION, HOURS AND UNITS)

**ART 220 WATERCOLOR PAINTING**

Units: 3.00 - UC:CSU 27.0 hours lecture maximum, 81.0 hours lab maximum

Introduces the use of transparent watercolor media, including instruction in the techniques of wet into wet, dry brush, glazing and direct painting applications. Field trips may be required. May be taken four times for credit.

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## BIOLOGICAL &amp; PHYSICAL SCIENCES

(REVISED DEGREE)

**Associate in Science Degree: Biological & Physical Sciences**

Units required for major: 18

*Eight units from the following*

BIOSCI 100	General Biology	.4.0
BIOSCI 106	Organismal & Environmental Biology	4.0
BIOSCI 107	Molecular and Cellular Biology	.4.0
BIOSCI 201	Introduction to Human Anatomy	.4.0
BIOSCI 202	Introduction to Human Physiology	.4.0
BIOSCI 204	Human Anatomy and Physiology I	.4.0
BIOSCI 205	Human Anatomy and Physiology II	.4.0
BIOSCI 215	General Zoology	.4.0
BIOSCI 216	General Botany	.4.0
BIOSCI 219	Marine Biology	.4.0
BIOSCI 221	Introduction to Microbiology	.5.0
BIOSCI 230	Introduction to Biotechnology	.5.0
BIOSCI 231	Advanced Topics in Biotechnology	.5.0
BIOSCI 240	Molecular Genetics	.4.0
BIOSCI 250	Human Anatomy and Physiology	.8.0

*Plus ten units from the following:*

ANTHRO 101	Physical Anthropology	.3.0
ANTHRO 101L	Physical Anthropology Laboratory	.1.0
ASTRON 100	General Astronomy	.3.0
ASTRON 101	The Stellar System	.3.0
ASTRON 102	The Solar System	.3.0
BIOSCI 104	Introduction to the Human Body	.3.0
BIOSCI 130	Contemporary Issues in Environmental Biology	.3.0
BIOSCI 132	Concepts in Evolution	.3.0
BIOSCI 140	Principles of Human Genetics	.3.0
BIOSCI 170	Introduction to Forensic Biology	.4.0
BIOSCI 180	Biology of Cancer	.3.0
BIOSCI 190	Introduction to Bioinformatics	.2.0
BIOSCI 208	Human Prosection	.1.0
CHEM 110	Introductory Chemistry	.4.0
CHEM 151	Preparatory General Chemistry	.4.0
CHEM 201	General Chemistry I	.6.0
CHEM 202	General Chemistry II	.5.0
CHEM 255	Organic Chemistry I	.5.0
CHEM 256	Organic Chemistry II	.5.0
GEOG 101	Physical Geography	.3.0
GEOG 101L	Physical Geography Lab	.1.0
GEOL 100	Physical Geology Lab	.1.0
GEOL 101	Physical Geology	.3.0
GEOL 102	Historical Geology	.3.0
GEOL 105	Geology of California	.3.0
GEOL 106	Geology of National Parks and Monuments	.3.0

GEOL 107	Minerals, Rocks and Fossils	.3.0
GEOL 109	Earth Science	.3.0
PHYSICI 101	Physical Science	.4.0
PHYSIC 101	Introduction to Physics	.4.0
PHYSIC 110	General Physics I	.4.0
PHYSIC 111	General Physics II	.4.0
PHYSIC 220	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	.4.0
PHYSIC 221	Physics for Scientists and Engineers: Electricity and Magnetism	.4.0
PHYSIC 222	Physics for Scientists and Engineers: Waves, Heat, Optics and Modern Physics	.4.0
PSYCH 102	Physiological Psychology	.3.0

*Plus four units from the following:*

BIOSCI 218	Introduction to Oceanography	.4.0
GEOL 218	Introduction to Oceanography	.4.0

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(ADD)

**BIOSCI 090 BIOLOGY FOR TECHNOLOGY**

Units: 3.00 18.0 hours lecture maximum, 108.0 hours lab maximum

Introduces the basic concepts of applied biology as they relate to the fields of biotechnology and emerging technology, including the principles and methodologies of biotechnology, instrumentation, data analysis, record keeping, safety, lab techniques, and teamwork.

(REVISED CATALOG DESCRIPTION, HOURS AND UNITS)

**BIOSCI 095 CLEANROOM TECHNOLOGY**

Units: 1.00 9.0 hours lecture maximum, 27.0 hours lab maximum

Introduces basic techniques and theory of cleanroom science, including general building design, water systems, HVAC, utilities, instrumentation, process control systems and external environmental effects.

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(DELETE)

**BIOSCI 218 INTRODUCTION TO OCEANOGRAPHY**

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## BUSINESS

(REVISED DEGREE AND CERTIFICATE)

**Associate in Science Degree and Certificate of Achievement: Accounting (Transfer)**

Units required for major: 22 - 23

BUS 201	Principles of Accounting I	5.0
BUS 202	Principles of Accounting II	5.0
BUS 211	Business Law	3.0
ECON 202	Microeconomics	3.0

*Plus three units from the following:*

ECON 291	Statistical Methods in Business and Economics	3.0
MATH 140	Introductory Statistics	4.0

*Plus three units from the following:*

ECON 201	Macroeconomics	3.0
ECON 201H	Macroeconomics – Honors	3.0

*Recommended elective:*

CIT 145	QuickBooks Pro	3.0
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(REVISED CATALOG DESCRIPTION)

**BUS 100 INTRODUCTION TO BUSINESS**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

Introduces the field of business administration, primarily found in the United States, including topics of economic systems, strategic management, marketing, entrepreneurship, accounting, finance, operations, management information systems, human resources, ethics, social responsibility, sustainability, and globalization.

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(REVISED CATALOG DESCRIPTION)

**BUS 144 BUSINESS MATHEMATICS**

Units: 5.00 - CSU 90.0 hours lecture maximum

*Prerequisite: Satisfactory completion of MATH-025 or higher or appropriate math placement as determined by the COC assessment process.*

Basic mathematics used in typical accounting, financial, and merchandising transactions. Emphasis is on analyzing word problems, selecting appropriate mathematical procedures, and solving the requisite algebraic equation. Extensive use of real-world business problems in the areas of cash and trade discounts, markup and mark-down, compound interest, annuities, loan amortizations, inventory control, depreciation, insurance, investments, and financial statement analysis. Prepares students entering the accounting program.

## PAGE 75

## CHEMISTRY

(ADD)

**CHEM 090 CHEMISTRY FOR TECHNOLOGY**

Units: 3.00 36.0 hours lecture maximum, 54.0 hours lab maximum

Introduces applied chemistry principles including the scientific method, measurement, classification of matter, nomenclature, chemical reactions, chemical calculations, bonding, solutions, and acid-base chemistry using a forensic science approach.

(REVISED CATALOG DESCRIPTION)

**CHEM 110 INTRODUCTORY CHEMISTRY**

Units: 4.00 - UC:CSU 54.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: MATH-060*

Introduces general chemistry to nonscience majors, including scientific method, measurement, matter and energy, atomic theory, names and formulas, moles, reactions, stoichiometry, bonding, gas laws, solids and liquids, solutions, acids and bases, oxidation-reduction, and nuclear chemistry. Cannot receive credit for both Chem 110 and Chem 151. Chem 110 cannot be taken for credit after Chem 201.

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(DELETE)

**CHEM 221 QUANTITATIVE ANALYSIS**

(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**CHEM 255 ORGANIC CHEMISTRY I**

Units: 5.00 - UC:CSU 54.0 hours lecture maximum, 108.0 hours lab maximum

*Prerequisite: CHEM-201 Recommended Preparation: CHEM-202*

First semester of a two-semester sequence in organic chemistry for science majors focusing on nomenclature, structure, properties, and synthesis of organic compounds.

(REVISED CATALOG DESCRIPTION)

**CHEM 256 ORGANIC CHEMISTRY II**

Units: 5.00 - UC:CSU 54.0 hours lecture maximum, 108.0 hours lab maximum

*Prerequisite: CHEM-255*

Second semester of a two-semester sequence in organic chemistry for science majors, focusing on the syntheses and reaction mechanisms of aromatic, carbonyl, and biological compounds.

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## COMMUNICATION STUDIES

(NEW DEGREE)

**Associate in Arts Degree: Communication Studies**

(PENDING STATE APPROVAL)

Units required for major: 20 - 22

COMS 250	Process of Communication . . . . .	3.0
COMS 105	Fundamentals of Public Speaking . . . . .	3.0
COMS 105H	Fundamentals of Public Speaking – Honors . . . . .	3.0
COMS 223	Small Group Communication . . . . .	3.0
COMS 150	Oral Interpretation . . . . .	3.0
COMS 190	Forensics . . . . .	2-4.0
COMS 225	Strategies of Argumentation . . . . .	3.0
COMS 227	Introduction to Rhetorical Criticism . . . . .	3.0

*Plus nine units from the following:*

COMS 235	Intergenerational Communication . . .	3.0
COMS 246	Interpersonal Communication . . . . .	3.0
COMS 256	Intercultural Communication . . . . .	3.0
COMS 260	Communication and Gender . . . . .	3.0
COMS 110	Communication and Leadership . . .	3.0

(REVISED CERTIFICATE)

**Certificate of Specialization – General Communication Theory**

Units required for certificate: 15

*12 units from the following:*

COMS 105	Fundamentals of Public Speaking . . . . .	3.0
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*OR*

COMS 105H	Fundamentals of Public Speaking - Honors . . . . .	3.0
COMS 246	Interpersonal Communication . . . . .	3.0
COMS 250	Process of Communication . . . . .	3.0
COMS 256	Intercultural Communication . . . . .	3.0

*Plus three units from the following:*

COMS 110	Communication and Leadership . . . . .	3.0
COMS 223	Small Group Communication . . . . .	3.0
COMS 227	Introduction to Rhetorical Criticism . .	3.0
COMS 235	Intergenerational Communication . .	3.0
COMS 260	Communication and Gender . . . . .	3.0

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(ADD)

**COMS 110 COMMUNICATION AND LEADERSHIP**

Units: 3.00 - CSU 54.0 hours lecture maximum  
Introduces students to the fundamental elements of communication in relation to leadership theories, ethics, styles, and perspectives, including the development of a personal philosophy of leadership that includes an understanding of self, others, and community. Prepares students for leadership roles in college and community settings.

(REVISED TITLE, CATALOG DESCRIPTION)

**COMS 227 INTRODUCTION TO RHETORICAL CRITICISM**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

*Prerequisite: ENGL-101*

Introduces critical methodologies of rhetoric and principles of rhetorical theory as a means to analyze and evaluate public discourse, including critical reasoning, advocacy, analysis, writing, and discussion.

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## COMPUTER INFORMATION TECHNOLOGY

(CHANGED FROM CERTIFICATE OF PROFICIENCY; REVISED)

**Certificate of Specialization: E-Commerce – Technology**

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(CHANGED FROM CERTIFICATE OF PROFICIENCY; REVISED)

**Certificate of Specialization: Website Development**

(REVISED TITLE, CATALOG DESCRIPTION)

**CIT 110 KEYBOARDING AND DOCUMENT PROCESSING**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

Develops a mastery of the computer keyboard by touch and proficiency in producing business letters, reports, tables, memos, and other documents using Microsoft Word.



(REVISED TITLE, CATALOG DESCRIPTION)

### **CIT 111 ADVANCED KEYBOARDING AND DOCUMENT PROCESSING**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

*Recommended Preparation: CIT-110*

Continues skill building begun in CIT 110, Keyboarding and Document Processing, emphasizing production of a wide range of documents using Microsoft Word as well as continuing to build speed and accuracy and familiarity with Microsoft Word begun in CIT 110.

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## **COMPUTER NETWORKING**

(CHANGED FROM CERTIFICATE OF PROFICIENCY; REVISED)

### **Certificate of Specialization: Linux/UNIX Administration**

(CHANGED FROM CERTIFICATE OF PROFICIENCY; REVISED)

### **Certificate of Specialization: Network Associate**

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## **COMPUTER SCIENCE**

(REVISED CATALOG DESCRIPTION)

### **CMPSCI 111 INTRODUCTION TO ALGORITHMS AND PROGRAMMING/JAVA**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

*Co-Requisite: CMPSCI-111L*

Introduces computer programming using Java, including algorithms, data and control structures, problem solving, structured and object oriented programming.

(REVISED CATALOG DESCRIPTION)

### **CMPSCI 111L INTRODUCTION TO ALGORITHMS AND PROGRAMMING LAB**

Units: 1.00 - UC:CSU 54.0 hours lab maximum

*Co-Requisite: CMPSCI-111*

Required java programming laboratory to support CMPSCI 111.

(REVISED TITLE, CATALOG DESCRIPTION)

### **CMPSCI 122 COMPUTER ARCHITECTURE AND ASSEMBLY LANGUAGE**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

Introduces computer architecture, assembly/machine language programming, system software and computer applications.

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(REVISED PREREQUISITE)

### **CMPSCI 282 ADVANCED DATA STRUCTURES**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

*Prerequisite: CMPSCI-111*

Explores the foundations of database design with in-depth coverage of data structures. Using the Java programming language, covers effective storage of data in disk-based files.

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## **COUNSELING**

(REVISED CATALOG DESCRIPTION)

### **COUNS 010 CAREER EXPLORATION**

Units: 1.00 18.0 hours lecture maximum

Equips students with the skills to select a career path. Topics included are self-assessment, labor market research, goal setting, stress management and decision making.

(DELETE)

### **COUNS 060 LIFE SKILLS AND PERSONAL GROWTH**

(ADD)

### **COUNS 100 SUCCESS STRATEGIES FOR THE ADULT REENTRY STUDENT**

Units: 3.00 - CSU 54.0 hours lecture maximum

Introduces adult reentry students to the educational, psychological, intellectual, social and health-related factors that impact lifelong learning, well-being, and success. Topics include motivation, self-discovery and self-efficacy, critical and creative thinking, effective study strategies, learning styles, health and wellness issues and lifestyle choices, effective written and oral communication, cross-cultural communication, time and stress management strategies, career exploration and educational and life planning.

(ADD)

**COUNS 142 LEARNING TO LEARN**

Units: 2.00 - CSU 36.0 hours lecture maximum

Focuses on seven strategies that develop self-regulatory learning: self-monitoring, motivation, goal-setting, active listening, note-taking, information processing in the brain, and reading for comprehension. Students will combine theory and practice to become successful learners and successful college students.

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**CULINARY ARTS**

(REVISED CERTIFICATE)

**Certificate of Achievement: Culinary Arts**

Units required for certificate: 32.5

CULARTS 050	Knife Skills . . . . .	2.0
CULARTS 055	Culinary Safety and Sanitation . . .	1.0
CULARTS 120	Introduction to the Culinary Arts . .	1.0
CULARTS 121	Culinary Fundamentals I . . . . .	3.0
CULARTS 123	Culinary Fundamentals II . . . . .	3.0
CULARTS 125	Principles of Garde Manger I . . .	3.0
CULARTS 127	Principles of Baking . . . . .	3.0
CULARTS 132	Culinary Fundamentals III . . . . .	4.0
CULARTS 150	Food Service Costs and Controls	2.0
HRMGT 126	Dining Room Service . . . . .	2.0

*Plus six units from the following:*

CULARTS 083	Wine and Food Affinities . . . . .	1.5
CULARTS 128	Principles of Baking II . . . . .	3.0
CULARTS 133	International Cuisine . . . . .	2.5
HRMGT 220	Restaurant Operations . . . . .	3.0

*Plus a minimum of two units from the following:*

CWE 188CULA	Cooperative Work Experience Educa- tion - Culinary Arts . . . . .	1.0 – 4.0
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(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**CULARTS 050 KNIFE SKILLS**

Units: 1.50 18.0 hours lecture maximum, 27.0 hours lab maximum

*Recommended Preparation: HRMGT-225 or CULARTS-055*

Introduces basic knife skills, including theory and proper technique, emphasizing correct sanitation practices and good motor skills.

(ADD)

**CULARTS 055 CULINARY SAFETY AND SANITATION**

Units: 1.00 18.0 hours lecture maximum

Introduces principles of food safety and sanitation in a food service operation. Topics include sanitation regulations, personal hygiene, contamination sources, microorganisms, proper food handling techniques and storage, comprehensive cleaning and sanitizing, and workplace safety concepts.

(REVISED CATALOG DESCRIPTION, CO-REQUISITE)

**CULARTS 121 CULINARY FUNDAMENTALS I**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

*Co-Requisite: CULARTS-050 and CULARTS-055 Recommended Preparation: CULARTS-120*

Introduces classical cooking and current theories that provide students with an understanding of food chemistry and cooking techniques. Study of equipment, ingredients and basic professional cooking techniques. (Formerly HRMGT-121).

(REVISED CATALOG DESCRIPTION, PREREQUISITE HOURS AND UNITS)

**CULARTS 123 CULINARY FUNDAMENTALS II**

Units: 4.00 - CSU 36.0 hours lecture maximum, 108.0 hours lab maximum

*Prerequisite: CULARTS-050, CULARTS-055 and CULARTS-121*

Continues development of skills learned in CULARTS-121. Introduces high level culinary techniques and modern cooking styles, emphasizing sauce making, meat, poultry, fish and shellfish cooking techniques. Plate presentation theory and practice explored.

(REVISED TITLE, CATALOG DESCRIPTION, HOURS AND PREREQUISITE)

**CULARTS 125 PRINCIPLES OF GARDE MANGER I**

Units: 3.00 - CSU 27.0 hours lecture maximum, 81.0 hours lab maximum

*Prerequisite: CULARTS-050, CULARTS-055 and CULARTS-121*

Introduces theory and practical skills needed to produce quality salads, sandwiches, appetizers and cold sauces for a restaurant pantry station. Identification and production of cheese and fruit displays.

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(ADD)

**CULARTS 132 CULINARY FUNDAMENTALS III**

Units: 4.00 - CSU 36.0 hours lecture maximum, 108.0 hours lab maximum

*Prerequisite: CULARTS-123*

Presents advanced theory in culinary techniques and modern cooking styles, including breakfast and brunch cookery, vegetarian dishes, menu design, and plate presentation.

(ADD)

**CULARTS 133 INTERNATIONAL CUISINE**

Units: 2.50 - CSU 27.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: CULARTS-123*

Introduces the skills necessary to prepare international foods including traditional methods of preparation and the cultural influences on each dish; promotes an appreciation of international foods and culture.

(DELETE)

**CULARTS 224 WINE CULTURE****PAGE 96****DANCE**

(REVISED NOTATION REGARDING REPEATABILITY)

Note: UC limits transfer credits for Dance activity and KPEA courses to a combined total of four units maximum. Dance activity courses are 107,108,180 and 181.

Although COC allows some DANCE classes to be repeated, starting in 2008, only four enrollments of the same activity may be taken. For example, students may only take a total of four enrollments of jazz.

(REVISED CATALOG DESCRIPTION)

**DANCE 101 INTRODUCTION TO WORLD DANCE**Units: 1.00 - UC:CSU 54.0 hours lab maximum  
Introduces movement as it relates to dances from selected cultures including Africa, Asia, The Middle East, Latin America and other countries. May be taken four times for credit.**PAGE 97**

(REVISED CATALOG DESCRIPTION)

**DANCE 111 FUNDAMENTALS OF DANCE MOVEMENT**Units: 1.00 - UC:CSU 54.0 hours lab maximum  
Introduces ballet, modern and jazz dance techniques, focusing upon basic skill development in all three styles of dance, as well as the development of strength, flexibility, coordination and rhythm for all movement techniques. May be taken four times for credit.

(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**DANCE 122 MODERN DANCE II**

Units: 1.00 - UC:CSU 54.0 hours lab maximum

*Prerequisite: DANCE-121*

Continues Modern Dance I focusing on learning intermediate movements, patterns and styles intrinsic to modern dance. May be taken four times for credit.

(ADD)

**DANCE 130 HIP-HOP DANCE**

Units: 1.00 - UC:CSU 54.0 hours lab maximum

Introduces the fundamentals of hip-hop and funk styles of dance derived from current street dance vernacular and culture. May be taken four times for credit.

(REVISED CATALOG DESCRIPTION)

**DANCE 131 INTRODUCTION TO JAZZ TECHNIQUES**

Units: 1.00 - UC:CSU 54.0 hours lab maximum

Introduces jazz dance, emphasizing elementary skills and techniques of various jazz dance styles. May be taken four times for credit.

(REVISED CATALOG DESCRIPTION)

**DANCE 133 INTRODUCTION TO AFRICAN DANCE**

Units: 1.00 - UC:CSU 54.0 hours lab maximum

Focuses on learning traditional dances of West African cultures, including polyrhythm, call and response, integration of movement to the music as well as the social/religious aspects of African culture. May be taken four times for credit.

(REVISED CATALOG DESCRIPTION)

**DANCE 135 BEGINNING TAP DANCE**

Units: 1.00 - UC:CSU 54.0 hours lab maximum

Introduces elementary tap skills, emphasizing basic tap routines and rhythmic structures. May be taken four times for credit.

(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**DANCE 142 INTERMEDIATE BALLET**

Units: 1.00 - UC:CSU 54.0 hours lab maximum

*Prerequisite: DANCE-141*

Continues the ballet skills introduced in DANCE 141, with additional emphasis on the rhythm, design, and dynamics of ballet dance. May be taken four times for credit.

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(REVISED CATALOG DESCRIPTION, PREREQUISITE, HOURS AND UNITS)

**DANCE 170 INTRODUCTION TO CHOREOGRAPHY**

Units: 1.50 - UC:CSU 81.0 hours lab maximum

*Prerequisite: DANCE-111*

Introduces the fundamental skills and concepts necessary to choreograph dance for the stage. May be taken four times for credit.

(REVISED TITLE, CATALOG DESCRIPTION)

**DANCE 180 INTRODUCTION TO YOGA**

Units: 1.00 - UC:CSU 54.0 hours lab maximum

Introduces basic Yoga postures as well as Yoga breathing, relaxation and meditation techniques. May be taken four times for credit.

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**EARLY CHILDHOOD EDUCATION**

(REVISED DEGREE)

**Associate in Science Degree: Early Childhood Education**

Units required for major: 24

ECE 110	Introduction to Early Childhood Education . . . . .	3.0
ECE 115	Curriculum and Classroom Management of Early Childhood Education . . . . .	3.0
ECE 116A	Curriculum and Classroom Management Lab A . . . . .	1.0
ECE 125	Child, Family and Community . . . . .	3.0
ECE 175	Childhood Health and Safety . . . . .	1.0

*Plus three units from the following:*

ECE 120	Child Growth and Development . . .	3.0
PSYCH 172	Developmental Psychology . . . . .	3.0

*Plus ten units from the following:*

ECE 116B	Curriculum and Classroom Management Lab B . . . . .	1.0
ECE 116C	Curriculum and Classroom Management Lab C . . . . .	1.0
ECE 130	Infant/Toddler Development and Curriculum . . . . .	3.0
ECE 135	School Age Child Care Programs and Curriculum . . . . .	3.0
ECE 140	Recreational Leadership in School Age Child Care . . . . .	3.0
ECE 144	Music and Motor Development for the Young Child . . . . .	2.0

ECE 151	Art and Creativity for Young Children . . . . .	2.0
ECE 155	Science and Math for the Young Child . . . . .	2.0
ECE 156	Literature and Language Development for the Young Child . .	2.0
ECE 160	Understanding and Education of Exceptional Children . . . . .	3.0
ECE 165	Teaching Children in a Diverse Community . . . . .	3.0
ECE 173	Childhood Nutrition . . . . .	2.0
ECE 201	Supervision and Administration of Children's Programs . . . . .	3.0
ECE 202	Advanced Supervision and Administration of Children's Programs . . . . .	3.0
ECE 220	Adult Supervision in ECE: The Mentoring Process . . . . .	2.0
ECE 226	The Impact of Violence on Children . . . . .	3.0
ECE 227	Violence Intervention: Behavior Management Strategies . . . . .	3.0

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(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**ECE 116B CURRICULUM AND CLASSROOM MANAGEMENT LAB B**

Units: 1.00 - CSU 54.0 hours lab maximum

*Co-requisite: Concurrent enrollment in or previous completion of ECE-115*

Provides hands-on experience observing and implementing developmentally appropriate practice as applied to ECE-115 by assisting master or mentor teachers in the preschool environment.

(REVISED PREREQUISITE)

**ECE 116C CURRICULUM AND CLASSROOM MANAGEMENT LAB C**

Units: 1.00 - CSU 54.0 hours lab maximum

*Prerequisite: ECE-116B.*

Lab C is a student teaching lab. Supervised experience working with children relating previous or concurrent course work to practical application at the campus Center for Early Childhood Education or at a certified Mentor Site in the community. Emphasis is on observation, implementation and evaluation of classroom experience for young children. 3 hours supervised field work/lab weekly per unit.

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(DELETE)

**ECE 198 SPECIAL TOPICS IN EARLY CHILDHOOD EDUCATION**

## PAGE 104

## ECONOMICS

(ADD)

**ECON 140 REAL ESTATE ECONOMICS**

Units: 3.00 - CSU 54.0 hours lecture maximum  
Examines theories, principles, and problems associated with U.S. and California real estate economics, including traditional and non-traditional housing, residential, industrial and commercial properties located in urban areas. Meets the requirements for the California Real Estate Brokers license.

(REVISED CATALOG DESCRIPTION)

**ECON 201 MACROECONOMICS**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

*Prerequisite: MATH-060*

Examines the basic concepts of economics, emphasizing macro-analysis including the nature of the American economy, national income analysis, money and banking, fiscal and monetary policies.

(ADD)

**ECON 201H MACROECONOMICS - HONORS**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

*Prerequisite: MATH-060*

Examines economic problems facing the nation such as unemployment, inflation, aggregate demand and supply, Gross Domestic Product (GDP), fiscal policy, monetary policy and supply-side economics, debts-deficits-surpluses, money and banking, and the Federal Reserve System. Additional reading, writing, and research techniques are required.

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## ENGINEERING

(NEW DEGREE)

**Associate in Science Degree: Engineering Apprenticeship**

(Pending State Approval)

The Engineering Apprenticeship program provides related and supplemental instruction for students participating in employer-sponsored apprenticeships. The curriculum is concerned with the fundamentals of mechanics, electrical theory, and materials that can be applied to all disciplines within engineering. The degree concentrates on helping students develop critical thinking skills, a creative imagination, and excellent communication skills to effectively function in the professional environment. Most careers in engineering require a baccalaureate or graduate degree; career options include: mechanical engineer, civil engineer, computer engineer, aerospace engineer, biomedical engineer, and automotive engineer.

Units required for degree: 48

CHEM 201	General Chemistry I	.6.0
CMPSCI 111	Introduction to Algorithms and Programming/Java	.3.0
CMPSCI 111L	Introduction to Algorithms and Programming Lab	.1.0
ENGR 101	Introduction to Science, Engineering and Technology	.2.0
ENGR 151	Materials of Engineering	.3.0
ENGR 152	Statics	.3.0
ENGR 153	Electrical Circuits I	.4.0
MATH 211	Calculus I	.5.0
MATH 212	Calculus II	.5.0
MATH 213	Calculus III	.5.0
MATH 215	Differential Equations	.3.0
PHYSIC 220	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	.4.0
PHYSIC 221	Physics for Scientists and Engineers: Electricity and Magnetism	.4.0

(REVISED DEGREE)

**Certificate of Specialization: Mechanical Drafting**

Units required for certificate: 12

ENGR 112	Mechanical Drafting II	3.0
ENGR 114	Solids Modeling for Mechanical Drafting	3.0
ENGR 110	Introduction to AutoCAD	.3.0
MFGT 102	Engineering Drawing Interpretation	3.0

(ADD)

**ENGR 090 EXPLORING GADGETS, ENGINEERING, AND TECHNOLOGY**

Units: 3.00 36.0 hours lecture maximum, 54.0 hours lab maximum

Introduces applied physics and engineering concepts, emphasizing technologies and phenomena used in the industrial laboratory setting.

(ADD)

**ENGR 110 INTRODUCTION TO AUTOCAD**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

Introduces two-dimensional computer-aided drafting using AutoCAD software, including tolerance and dimensioning, symbols, orthographic projection, section and auxiliary views, geometric construction, composition of working drawings.

## PAGE 107

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**ENGR 150 INTRODUCTION TO MECHANICAL DRAFTING AND AUTOCAD**

**PAGE 108****ENGLISH**

(DELETE)

**ENGL 093 COLLEGE READING AND WRITING WORKSHOP****PAGE 109**

(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**ENGL 108 CREATIVE WRITING - POETRY**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

*Prerequisite: ENGL-101*

Presents elements of poetry and advanced practice in the writing of poems, emphasizing the writer's awareness of his or her own style and the manipulation of formal and stylistic elements. Includes analysis of selected published writings. May be taken two times for credit.

(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**ENGL 109 CREATIVE WRITING - SHORT STORIES**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

*Prerequisite: ENGL-101*

Presents the elements of short fiction and advanced practice in writing short stories, emphasizing the writer's awareness of his or her own style and the manipulation of formal and stylistic elements. May be taken two times for credit.

(DELETE)

**ENGL 195 ENGLISH COMPOSITION AND LITERATURE WORKSHOP****PAGE 111****ENGLISH AS A SECOND LANGUAGE**

(DELETE)

**ESL 040 READING, WRITING AND GRAMMAR FOR NON-NATIVE SPEAKERS - I****ESL 045 VOCATIONAL ENGLISH AS A SECOND LANGUAGE****ESL 050 READING, WRITING AND GRAMMAR FOR NON-NATIVE SPEAKERS - II****ESL 075 ESL COMPUTER COMPOSITION****PAGE 112**

(REVISED TITLE, CATALOG DESCRIPTION)

**ESL 080 COLLEGE WRITING AND GRAMMAR III**

Units: 3.00 54.0 hours lecture maximum

*Prerequisite: ESL-070 or appropriate placement as determined by the COC placement process.*

Focuses on non-personal paragraph and short essay writing, including the writing process and more advanced grammar.

(REVISED TITLE, CATALOG DESCRIPTION)

**ESL 083 COLLEGE READING AND DISCUSSION III**

Units: 3.00 54.0 hours lecture maximum

*Prerequisite: ESL-070 or appropriate placement by the COC ESL placement process.*

Develops reading skills, vocabulary building skills, and discussion techniques through analysis of fiction and non-fiction materials.

(REVISED CATALOG DESCRIPTION)

**ESL 085 ACCENT REDUCTION**

Units: 3.00 54.0 hours lecture maximum

Focuses on accent reduction for non-native speakers of English. Course covers discrete sounds and phonemes as well as stress and intonation, aural discrimination, and sound patterns reproduction. Units do not apply to the associate degree. Offered pass/no-pass only.

(DELETE)

**ESL 092 MEDICAL TERMINOLOGY FOR NON-NATIVE SPEAKERS****PAGE 115****FIRE TECHNOLOGY**

(DELETE)

**FIRETC 231A FIRE PREVENTION OFFICER 1A****PAGE 116**

(DELETE)

**FIRETC 231B FIRE PREVENTION OFFICER 1B****FIRETC 231C FIRE PREVENTION OFFICER 1C****FIRETC 241A FIRE INSTRUCTOR 1A****FIRETC 241B FIRE INSTRUCTOR 1B****FIRETC 251A FIRE INVESTIGATION 1A****FIRETC 251B FIRE INVESTIGATION 1B****FIRETC 261A FIRE MANAGEMENT I****FIRETC 271A FIRE COMMAND 1A****FIRETC 271B FIRE COMMAND 1B****FIRETC 271C FIRE COMMAND 1C**

(NEW PROGRAM)

## GENERAL AND EMERGING TECHNOLOGIES

(NEW CERTIFICATE)

### Certificate of Specialization: General and Emerging Technologies Laboratory Technician

The General and Emerging Technologies Laboratory Technician (GET LAB TECH) program came from a need to train students in entry-level and advanced laboratory technical skills for the industrial workplace. GET LAB TECH focuses on basic science and workplace skills with a goal of preparing students for entry-level jobs in laboratory-science based industries.

The core classes for the General Laboratory Technician Certificate of Specialization were selected by the Emerging Technology Curriculum committee. These courses were designed to show the way in which laws, principles, and formulas are used by real people, in the real world, on the job.

The GET Tab Tech courses:

- Are skills-based
- Use context-based learning
- Integrate academic concepts into technical courses
- Are taught in a workplace environment
- Emphasize cooperative learning

Units required for certificate: 14.5

BIOSCI 090	Biology for Technology . . . . .	3.0
BIOSCI 095	Cleanroom Technology . . . . .	1.0
CHEM 090	Chemistry for Technology . . . . .	3.0
CIT 140	Survey of Microsoft Office Programs . . . . .	3.0
ENGR 090	Exploring Gadgets, Engineering, and Technology . . . . .	3.0
INTERD 010	Careers in Technology . . . . .	1.0
INTERD 090	Health and Safety in the Laboratory . . . . .	0.5

*Recommended electives:*

NANO 010	Introduction to Nanotechnology . . . . .	2.0
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## GENERAL STUDIES

(REVISED CATALOG DESCRIPTION, HOURS AND UNITS)

### GENSTU 050 ORIENTATION AND ASSESSMENT - LEARNING DISABILITIES

Units: 0.25-4.5 hours lecture maximum

Introduces the student to the learning disabilities assessment process and the resource available, including the California Community College eligibility model, achievement and cognitive testing, learning difficulties, support services, study strategies and accommodations. Offered pass/no-pass only.

(REVISED CATALOG DESCRIPTION, HOURS AND UNITS)

### GENSTU 081 COGNITIVE BASIC SKILLS - COMPUTER INSTRUCTION

Units: 0.25-2.00 13.5 – 108.0 hours lab maximum

Strengthens and retrains cognitive skills in areas of critical thinking, reasoning, communication, memory improvement, visual perception and language skills by use of computer assisted instruction and adaptive technology. Designed specifically for students with a verifiable acquired brain injury. Units do not apply to the associate degree. Offered pass/no-pass only.

(REVISED CATALOG DESCRIPTION, HOURS AND UNITS)

### GENSTU 082 INDIVIDUAL COMPUTER APPLICATIONS

Units: 0.25-2.00 13.5 – 108.0 hours lab maximum

Designed to be a computer assisted support for students with disabilities enrolled in coursework other than English and Math. Students are able to utilize computer programs, assistive technology, and the Internet in order to complete course assignments. Topics are taken from the student's regular course load, or from subject matter appropriate to the student's current or future employment. It is tutorial in nature and focuses on the utilization of computers, assistive technology devices, the Internet, a scanner, and selected software programs. Units do not apply to the associate degree. Offered pass/no-pass only.

(ADD)

### GENSTU 090 INDIVIDUAL STUDIES-BLACKBOARD SUPPORT

Units: 0.25-2.00 13.5 – 108.0 hours lab maximum

Provides Blackboard support for students with disabilities who are taking online or hybrid classes. Through small group tutoring, students develop strategies to be successful online students. Units do not apply to the associate degree. Offered pass/no-pass only.

(REVISED CATALOG DESCRIPTION, HOURS AND UNITS)

### **GENSTU 091 INDIVIDUAL STUDIES AND LANGUAGE SKILLS**

Units: 0.25-2.00 13.5 – 108.0 hours lab maximum  
Designed for DSPS students as a support in mainstream English and language-related courses other than Mathematics. It is tutorial in nature and focuses on the utilization of computers, assistive technology devices, the Internet, a scanner, and selected software programs. Computer applications are taken from topics based on the student's coursework to provide additional computer support or enhance basic skills. Units do not apply to the associate degree. Offered pass/no-pass only.

(REVISED CATALOG DESCRIPTION, HOURS AND UNITS)

### **GENSTU 092 INDIVIDUALIZED LEARNING ASSISTANCE - MATHEMATICS**

Units: 0.25-2.00 13.5 – 108.0 hours lab maximum  
Designed for DSPS students who are enrolled in mainstream college math classes and whose disability results in educational limitations in math. The course offers small group tutoring for students. Students must be concurrently enrolled in either MATH-025 Arithmetic, MATH-026 Arithmetic-Computer Assisted, MATH-058 Algebra Preparation I, MATH-059 Algebra Preparation-Computer Assisted, MATH-060 Elementary Algebra, MATH-070 Intermediate Algebra, or BUS-144 Business Math. Students will learn strategies to enhance math concepts and computation skills. Units do not apply to the associate degree. Offered pass/no-pass only.

## **PAGE 118**

### **GEOGRAPHY**

(REVISED CATALOG DESCRIPTION)

#### **GEOG 101 PHYSICAL GEOGRAPHY**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum  
Studies the basic physical elements of Earth and the processes that affect and interrelate with the lithosphere, atmosphere, hydrosphere, and biosphere of Earth, the fundamentals of Earth/Sun relationships, and cartography.

(ADD)

#### **GEOG 103 INTRODUCTION TO METEOROLOGY**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum  
Introduction to the mechanics and processes of the atmosphere, including general and severe weather, weather forecasting, climates, and the complex natural and human influences on global climate change. Explores the relationship of climate and weather to the solid Earth and the world oceans. May include field work and field trips.

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### **GEOLOGY**

(ADD)

#### **GEOL 218 INTRODUCTION TO OCEANOGRAPHY**

Units: 4.00 - UC:CSU 54.0 hours lecture maximum, 54.0 hours lab maximum

A study of the history of oceanography, geological, chemical, biological and physical oceanography. Laboratories will include both in-class and required field studies - which may include times outside of assigned laboratory times. (Formerly BIOSCI 218)

## **PAGE 121**

### **GRAPHIC AND MULTIMEDIA DESIGN**

(DELETE)

**GMD 075 INTRODUCTION TO PREMIERE**  
**GMD 078 INTRODUCTION TO DIRECTOR**  
**GMD 090L OPEN GMD SHORT-TERM LAB**

## **PAGE 123**

(DELETE)

**GMD 249 GRAPHIC DESIGN PORTFOLIO**  
**GMD 279 MULTIMEDIA PORTFOLIO**

## **PAGE 123**

### **HEALTH SCIENCE**

(NEW CERTIFICATE)

#### **Certificate of Specialization: Health Care Interpreter**

Units required for certificate: 10

HLHSCI 120	Interpreting in Health Care I . . . . .	4.0
HLHSCI 122	Interpreting in Health Care II . . . . .	4.0
HLHSCI 124	Field Experience in Health Care Interpreting . . . . .	2.0

#### *Recommended electives:*

BIOSCI 104	Introduction to the Human Body . . . . .	3.0
HLHSCI 249	Medical Terminology . . . . .	3.0
SOCI 105	Multiculturalism in the United States . . . . .	3.0



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**HLHSCI 053 AHA BLS FOR HEALTHCARE PROVIDERS (CPR) RECERTIFICATION****PAGE 125****HISTORY**

(REVISED DEGREE)

**Associate in Arts Degree: History**

Units required for major: 18

HIST 101	History of Western Civilization: The Pre-Industrial West . . . . .	3.0
HIST 102	History of Western Civilization: The Modern Era . . . . .	3.0
HIST 111	United States History I . . . . .	3.0
HIST 111H	United States History I Honors . . . . .	3.0
HIST 112	United States History II . . . . .	3.0

*Plus three units from the following:*

HIST 191	History of Eastern Civilization I . . . . .	3.0
HIST 192	History of Eastern Civilization II . . . . .	3.0
HIST 240	Latin American Civilization . . . . .	3.0

*Plus three units from the following:*

HIST 115	United States History Since 1945 . . . . .	3.0
HIST 120	The Role of Women in the History of the United States . . . . .	3.0
HIST 161	World History I . . . . .	3.0
HIST 170	Economic History of the United States . . . . .	3.0
HIST 193	History of India . . . . .	3.0
HIST 210	History of California . . . . .	3.0
HIST 212	History of the Middle East . . . . .	3.0
HIST 230	History of American Indians . . . . .	3.0
HIST 241	History of Early Latin America . . . . .	3.0
HIST 242	History of Modern Latin America . . . . .	3.0
HIST 243	History of Mexico and the Mexican and Chicano Peoples . . . . .	3.0
HIST 245	History of the Americas . . . . .	3.0

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(ADD)

**HIST 111H UNITED STATES HISTORY I HONORS**

Units: 3.00 - CSU 54.0 hours lecture maximum

*Prerequisite: ENGL-101*

Surveys American civilization, from the Pre-Columbian era through Reconstruction, including the political, cultural, economic, and social history of the United States. Additional reading, writing, and research techniques required. UC credit limitation: HIST-111H, 112 & 150 combined, maximum credit, two courses. Meets Title V American Institutions U.S. History requirement for the associate degree.

**PAGE 127**

(DELETE)

**HIST 150 INTRODUCTION TO HISTORY OF THE UNITED STATES**

(REVISED CATALOG DESCRIPTION)

**HIST 240 LATIN AMERICAN CIVILIZATION**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum  
Surveys the geography, history, culture, economic, and political development of Latin America from the late pre-Colombian era to the present.

(REVISED CATALOG DESCRIPTION)

**HIST 241 HISTORY OF EARLY LATIN AMERICA**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum  
Surveys Latin American history from the late pre-Colombian era to its independence, including indigenous politics, European expansion and exploration, Iberian civilization and culture, Ibero-American socio-economic and socio-political infrastructures, role of the Catholic Church, international competition for political and economic control of the Western Hemisphere and the Ibero-American wars for independence and their aftermath.

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(REVISED CATALOG DESCRIPTION)

**HIST 243 HISTORY OF MEXICO AND THE MEXICAN AND CHICANO PEOPLES**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum  
Examines the history of Mexico and the Mexican/Chicano people from the late Pre-Cortesian era to the present, including Aztec and Maya societies, Mexican Independence Movement, Mexican Revolution, and the North American Free Trade Agreement.

(DELETE)

**HIST 299 DIRECTED STUDY IN HISTORY HOTEL AND RESTAURANT MANAGEMENT****PAGE 128****HOTEL AND RESTAURANT MANAGEMENT**

(REVISED DEGREE)

**Associate in Science Degree: Hotel and Restaurant Management**

Units required for major: 18

HRMGT 101	Introduction to the Hospitality Industry . . . . .	3.0
HRMGT 210	Hotel and Restaurant Law . . . . .	3.0
HRMGT 225	Food Service Sanitation and Safety . . . . .	3.0

HRMGT 245	Hotel and Restaurant Supervision and Guest Relations . . . . .	3.0
HRMGT 275	Hospitality Industry Accounting . . .	3.0

*Plus three units from the following:*

HRMGT 220	Restaurant Operations . . . . .	3.0
HRMGT 235	Hotel and Restaurant Sales and Marketing . . . . .	3.0

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**HRMGT 299 HOTEL AND RESTAURANT  
MANAGEMENT INTERNSHIP**

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(NEW PROGRAM)

**INTERDISCIPLINARY  
STUDIES**

(NEW COURSE)

**INTERD 010 CAREERS IN TECHNOLOGY**

Units: 1.00 18.0 hours lecture maximum  
Provides students with the background needed to evaluate a career path in chemical, biological, and engineering technologies, including an overview of the chemical, biological, and engineering industries, how to access and understand labor market information, and individual career goal setting.

(NEW COURSE)

**INTERD 090 HEALTH AND SAFETY IN THE  
LABORATORY**

Units: 0.50 9.0 hours lecture maximum  
Orients students to laboratory safety, reviews safety information found in the laboratory such as the Material Safety Data Sheet, and instructs students on safe behavior and practices in a laboratory. Offered pass/no-pass only.

(NEW COURSE)

**INTERD 096 MESA RESEARCH DISCUSSIONS**

Units: 1.00 18.0 hours lecture maximum  
Explores the most recent research in the sciences and engineering disciplines including biology, chemistry, engineering (all fields), geology, mathematics, medicine, physics and astronomy. Recently published research articles will be studied with respect to the quality of the research, its relevance to the college curriculum and its potential impact on society. Offered pass/no-pass only. May be taken four times for credit.

**PAGE 131-133**

**INTERIOR DESIGN**

(REVISED DEGREE)

**Associate in Science Degree: Interior  
Design**

Units required for major: 40

ID 101A	Introduction to Interior Design . . . . .	3.0
ID 101B	Introduction to Interior Design Lab . .	1.0
ID 102	Applied Color for Designers . . . . .	3.0
ID 110	Architectural Drafting I . . . . .	3.0
ID 113	Interior Design Materials and Specifications . . . . .	3.0
ID 114	Architecture and Interiors History: Antiquity - Classical Revival . . . . .	3.0
ID 115	Architecture and Interiors History: Classical Revival - Post Modern . . .	3.0
ID 190	Design II - Space Planning . . . . .	3.0
ID 207	Residential Design . . . . .	3.0
ID 217	Advanced Interior Design Studio I . .	3.0
ID 295	Professional Practices for Interior Design . . . . .	3.0

*Plus three units from the following:*

ID 103	Perspective and Interior Illustration .	3.0
ID 104	Rapid Visualization and Illustration .	3.0

*Plus three units from the following:*

ARCHT 160	AutoCAD for Architecture and Interior Design . . . . .	3.0
ARCHT 180	Codes and Zoning Regulations . . .	3.0

*Plus three units from the following:*

ID 100	Careers in Architecture, Interior Design and Related Fields . . . . .	1.0
ID 103	Perspective and Interior Illustration .	3.0
ID 104	Rapid Visualization and Illustration .	3.0
ID 111	Kitchen and Bath Design . . . . .	3.0
ID 219	Interior Design Portfolio . . . . .	3.0
ARCHT 160	AutoCAD for Architecture and Interior Design . . . . .	3.0
ARCHT 180	Codes and Zoning Regulations . . .	3.0

(REVISED CERTIFICATE)

**Certificate of Achievement: Interior Design**

Units required for certificate: 34

ID 101A	Introduction to Interior Design . . . . .	3.0
ID 101B	Introduction to Interior Design Lab . .	1.0
ID 102	Applied Color for Designers . . . . .	3.0
ID 110	Architectural Drafting I . . . . .	3.0
ID 113	Interior Design Materials and Specifications . . . . .	3.0
ID 114	Architecture and Interiors History: Antiquity - Classical Revival . . . . .	3.0
ID 115	Architecture and Interiors History: Classical Revival - Post Modern . . .	3.0
ID 207	Residential Design . . . . .	3.0

ID 217	Advanced Interior Design Studio I . . . . .	.3.0
ID 295	Professional Practices for Interior Design . . . . .	.3.0

*Plus three units from the following:*

ID 103	Perspective and Interior Illustration .	.3.0
ID 104	Rapid Visualization and Illustration .	.3.0

*Plus three units from the following:*

ID 091	Art and Accessories in Interior Design . . . . .	1.0
ID 100	Careers in Architecture, Interior Design and Related Fields . . . . .	1.0
ID 111	Kitchen and Bath Design . . . . .	.3.0
ID 219	Interior Design Portfolio . . . . .	.3.0

(REVISED CERTIFICATE)

### **Certificate of Achievement: Interior Decorating - Merchandising**

Units required: 21

ID 091	Art and Accessories in Interior Design . . . . .	1.0
ID 100	Careers in Architecture, Interior Design and Related Fields . . . . .	1.0
ID 101A	Introduction to Interior Design . . . . .	.3.0
ID 101B	Introduction to Interior Design Lab .	.1.0
ID 102	Applied Color for Designers . . . . .	3.0
ID 113	Interior Design Materials and Specifications . . . . .	3.0
ID 114	Architecture and Interiors History: Antiquity - Classical Revival . . . . .	3.0
ID 115	Architecture and Interiors History: Classical Revival - Post Modern . . .	3.0

*Plus three units from the following:*

ID 103	Perspective and Interior Illustration . . . . .	3.0
ID 104	Rapid Visualization and Illustration . . . . .	3.0
ID 295	Professional Practices for Interior Design . . . . .	3.0

*Recommended electives:*

ID 110	Architectural Drafting I . . . . .	3.0
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(RENAMED AND REVISED)

### **Certificate of Specialization: Interior Design – Set Decorator for TV and Film**

Units required for certificate: 16

ID 091	Art and Accessories in Interior Design . . . . .	1.0
ID 101A	Introduction to Interior Design . . . . .	.3.0
ID 101B	Introduction to Interior Design Lab .	.1.0
ID 102	Applied Color for Designers . . . . .	.3.0
ID 105	Introduction to Production Design . . . . .	.3.0

ID 106	Trade Resources for TV, Film, and Theatre . . . . .	.2.0
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*Plus three units from the following:*

ID 114	Architecture and Interiors History: Antiquity - Classical Revival . . . . .	.3.0
ID 115	Architecture and Interiors History: Classical Revival - Post Modern . . .	.3.0

(ADD)

### **ID 094 HOME STAGING**

Units: 1.00 18.0 hours lecture maximum

Stage homes for marketability by selecting color, theme, scale, furniture and accessories that appeal to a broad base of consumers. Field trips may be required. Offered pass/no-pass only.

(ADD)

### **ID 095 HOME STAGING APPLICATIONS**

Units: 0.50 27.0 hours lab weekly

*Prerequisite: ID-094*

Introduces home staging applications using free vendor online tools to produce 2-D scaled drawings, furniture layouts, and pencil layouts to demonstrate home staging solutions in plan view and elevation. Offered pass/no-pass only.

(REVISED TITLE, CATALOG DESCRIPTION, HOURS AND UNITS)

### **ID 100 CAREERS IN ARCHITECTURE, INTERIOR DESIGN AND RELATED FIELDS**

Units: 1.00 - CSU 18.0 hours lecture maximum

Surveys careers in architecture, interior design and related fields. Introduces degree requirements, transfer institutions, income, and employment opportunities. Field trips may be required. (Same as ARCHT-100)

(DELETE)

### **ID 101 INTRODUCTION TO INTERIOR DESIGN**

(ADD)

### **ID 101A INTRODUCTION TO INTERIOR DESIGN**

Units: 3.00 - CSU 54.0 hours lecture maximum

Introduces the principles and elements of interior design based on function and aesthetics. Field trips may be required. Students who have earned credit for ID-101 cannot earn credit for this course.

(ADD)

### **ID 101B INTRODUCTION TO INTERIOR DESIGN LAB**

Units: 1.00 - CSU 54.0 hours lab maximum

*Co-requisite: ID-101A*

Lab component of ID-101A. Students who have earned credit for ID-101 cannot receive credit for this course.

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(DELETE)

**ID 109 BATHROOM DESIGN**

(ADD)

**ID 111 KITCHEN AND BATH DESIGN**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

Analysis and application of the design process to space planning, materials and finish choices, codes application, and selection of specialized equipment unique to the planning of kitchens and baths. Field trips may be required. Students who have earned credit for ID 108 and 109 cannot receive credit for this course.

(REVISED CATALOG DESCRIPTION, HOURS AND UNITS)

**ID 113 INTERIOR DESIGN MATERIALS AND SPECIFICATIONS**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

Introduces the selection, specifications, and computations for interior design materials, products, and textiles for residential and commercial design. Field trips may be required.

(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**ID 219 INTERIOR DESIGN PORTFOLIO**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

Presents the process of preparing for employment as an interior designer including a portfolio of appropriate selection of work, concept improvement and methods of presentation.

**PAGE 136****JOURNALISM**

(REVISED TITLE, CATALOG DESCRIPTION)

**JOURN 100 MASS MEDIA AND SOCIETY**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

Surveys and evaluates mass media, including newspapers, television, motion pictures, radio, publishing, advertising, and new and emerging digital media. Historical and theoretical perspectives are highlighted in order to critically examine the complex relationship between society and contemporary mass communications. (Same as MEA-100)

**PAGE 137****KINESIOLOGY - PHYSICAL EDUCATION**

(REVISED DEGREE)

**Associate in Arts Degree: Kinesiology-Physical Education**

Units required for major: 23

*Three units from the following:*

HLHSCI 100	Health Education . . . . .	3.0
HLHSCI 150	Nutrition . . . . .	3.0

*Plus nine units from the following:*

KPET 200	Introduction to Kinesiology . . . . .	3.0
KPET 201	Principles of Physical Fitness and Conditioning . . . . .	3.0
KPET 210	Prevention and Care of Athletic Injuries . . . . .	3.0

*Plus eight units from one of the following options:*

BIOSCI 201	Introduction to Human Anatomy . . .	4.0
BIOSCI 202	Introduction to Human Physiology .	4.0

*Or*

BIOSCI 204	Human Anatomy and Physiology I . . . . .	4.0
BIOSCI 205	Human Anatomy and Physiology II . . . . .	4.0

*Or*

BIOSCI 250	Human Anatomy and Physiology . . . . .	8.0
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*Plus three from the following (courses may be repeated):*

KPEA 100	Physical Fitness Lab . . . . .	1.0
KPEA 101A	Beginning Weight Training . . . . .	1.0
KPEA 101B	Advanced Weight Training . . . . .	1.0
KPEA 102	Running for Fitness . . . . .	1.0
KPEA 103	Cardio Cross-Training . . . . .	0.25 – 1.0
KPEA 104	Spin Cycling Fitness . . . . .	0.25 – 1.0
KPEA 105	Step Aerobics . . . . .	0.25 – 1.0
KPEA 106	Bowling . . . . .	1.0
KPEA 107	Stretching for Flexibility and Relaxation . . . . .	1.0
KPEA 108	Budoshin Ju-Jitsu . . . . .	1.0
KPEA 108A	Jun Fan Jeet Kune Do . . . . .	1.0
KPEA 109	Surfing . . . . .	1.0
KPEA 110	Mountain Biking . . . . .	1.0
KPEA 111	Ice Skating . . . . .	1.0
KPEA 112	Sailing . . . . .	2.0
KPEA 113	Aqua Aerobics . . . . .	1.0
KPEA 115	Deep-Water Running and Conditioning . . . . .	1.0
KPEA 118A	Beginning Ice Hockey . . . . .	1.0
KPEA 118B	Intermediate Ice Hockey . . . . .	1.0
KPEA 118C	Advanced Ice Hockey . . . . .	1.0

KPEA 119	Backpacking and Wilderness Survival . . . . .	2.0
KPEA 120	Rock Climbing . . . . .	1.0
KPEA 121	Table Tennis . . . . .	1.0
KPEA 122	Ultimate Frisbee . . . . .	1.0
KPEA 125	Walking for Fitness . . . . .	1.0
KPEA 140	Red Cross Lifeguard Training . . . . .	1.0
KPEA 141	Water Safety Instructor . . . . .	1.0
KPEA 150	Basketball . . . . .	1.0
KPEA 165A	Beginning Golf . . . . .	1.0
KPEA 165B	Intermediate Golf . . . . .	1.0
KPEA 165C	Advanced Golf . . . . .	1.0
KPEA 170A	Beginning Soccer . . . . .	1.0
KPEA 170B	Intermediate Soccer . . . . .	1.0
KPEA 171	Badminton . . . . .	1.0
KPEA 175A	Beginning Softball . . . . .	1.0
KPEA 175B	Intermediate Softball . . . . .	2.0
KPEA 180A	Beginning Swimming . . . . .	1.0
KPEA 180B	Intermediate Swimming . . . . .	1.0
KPEA 180C	Advanced Swimming . . . . .	1.0
KPEA 185A	Beginning Tennis . . . . .	1.0
KPEA 185B	Intermediate Tennis . . . . .	1.0
KPEA 195A	Beginning Volleyball . . . . .	1.0
KPEA 195B	Intermediate Volleyball . . . . .	1.0
KPEA 195C	Advanced Volleyball . . . . .	1.0
KPEA 196	Beach Volleyball . . . . .	1.0
KPEA 200	Song and Yell Leaders . . . . .	2.0
KPEA 245	Off-Season Baseball Training . . . . .	2.0
KPEA 260	Off-Season Football Training . . . . .	2.0
KPEA 275	Off-Season Softball Training . . . . .	2.0
KPEA 280	Off-Season Swimming Training . . . . .	2.0
KPEA 290	Off-Season Track and Field Training . . . . .	2.0

*Recommended electives:*

KPET 120	Emergency Procedures . . . . .	2.0
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(NEW CERTIFICATE)

**Certificate of Specialization: Personal Training**

Units required for certificate: 10

KPEA 101B	Advanced Weight Training . . . . .	1.0
KPET 200	Introduction to Kinesiology . . . . .	3.0
KPET 201	Principles of Physical Fitness and Conditioning . . . . .	3.0
KPET 205	Personal Trainer Certification Preparation . . . . .	2.0

*Plus one unit of the following:*

KPEA 103	Cardio Cross-Training . . . . .	0.25 – 1.0
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**PAGE 138****KINESIOLOGY-PHYSICAL EDUCATION ACTIVITY**

(REVISED NOTATION REGARDING REPEATABILITY)

**Note:** UC limits transferable credits for KPEA or Dance activity classes to a combined total of four units maximum. (See Dance for restricted courses)

COC allows each KPEA class to be repeated three times. Starting in 2008, only four enrollments of the same activity may be taken. For example, students may only take a total of four enrollments from all levels of tennis (beginning, intermediate, advanced).

(REVISED RECOMMENDED PREPARATION)

**KPEA 101B ADVANCED WEIGHT TRAINING**

Units: 1.00 - UC:CSU 54.0 hours lab maximum

*Recommended Preparation: KPEA-101A, KPEI-152, KPEI-153 or equivalent physical preparation.*

Advanced methods of physical conditioning and fitness program design, including principles of explosive training like Olympic lifts, plyometrics, balance training, speed development and functional flexibility training. May be taken four times for credit. (Formerly PHYSED-153)

(ADD)

**KPEA 108A JUN FAN JEET KUNE DO**

Units: 1.00 - CSU 54.0 hours lab maximum

Introduces the basic elements of Budoshin Ju-Jitsu including basic releases, block throw, takedown and falling techniques. Also covers self-defense theory, philosophical aspects and terminology of this traditional martial art. (Formerly PHYSED-123)

**PAGE 140**

(REVISED CATALOG DESCRIPTION)

**KPEA 141 WATER SAFETY INSTRUCTOR**

Units: 1.00 - UC:CSU 54.0 hours lab maximum

*Prerequisite: Students must be 16 years of age on or before the final scheduled session of the course, successfully complete Fundamentals of Instructor Training, and demonstrate the ability to perform the following swimming skills: 25 yards of front crawl, back crawl, breaststroke, elementary backstroke, and sidestroke, 15 yards of butterfly, float or scull on back for one minute in deep water, and tread water for one minute.*

Provides Red Cross Water Safety instructor training to instructor candidates. Upon successful completion, students will become qualified to teach American Red Cross basic-level classes including Learn to Swim Levels 1-6; Parent and Child Aquatics; and Water Safety Outreach (Basic Water Rescue, water safety presentations and Longfellow's WHALE Tales). May be taken four times for credit. (Formerly PHYSED-119)

(REVISED CATALOG DESCRIPTION)

**KPEA 175B INTERMEDIATE SOFTBALL**

Units: 2.00 - UC:CSU 108.0 hours lab maximum

Designed to enable students to become proficient in the intermediate skills of softball with emphasis on play and strategy. Progressive instruction includes hitting, fielding, throwing and catching, including weight training and conditioning. A lead up class for intercollegiate softball. May be taken four times for credit. (Formerly PHYSED-170)

(REVISED CATALOG DESCRIPTION)

**KPEA 180B INTERMEDIATE SWIMMING**

Units: 1.00 - UC:CSU 54.0 hours lab maximum

Develops intermediate swim skills, emphasizing the four competitive swim strokes. Speed and endurance swimming will be emphasized in a training environment. May be taken four times for credit. (Formerly PHYSED-167).

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(REVISED CATALOG DESCRIPTION)

**KPEA 260 OFF-SEASON FOOTBALL TRAINING**

Units: 2.00 - UC:CSU 108.0 hours lab maximum

Refines football fundamentals, skills and concepts as they relate to intercollegiate football participation. May be taken four times for credit. (Formerly PHYSED-162).

(ADD)

**KPEA 275 OFF-SEASON SOFTBALL TRAINING**

Units: 2.00 - CSU 108.0 hours lab maximum

Provides off-season training in the sport of softball. Appropriate for members of the intercollegiate softball team and individuals interested in softball training at an advanced level. May be taken four times for credit.

**PAGE 145****LAND SURVEYING**

(REVISED CATALOG DESCRIPTION)

**SURV 110 COMPUTER AIDED DRAFTING FOR SURVEYORS**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

*Recommended Preparation: SURV-101*

Introduction to computer aided drafting for land surveying using AutoCAD Civil 3D.

**PAGE 146-147****LIBERAL ARTS AND SCIENCES**

(REVISED DEGREE)

**Associate in Arts Degrees: Liberal Arts and Sciences**

Mathematics and Science Emphasis-Minimum 18 units. Select 6 units from a single discipline and at least one mathematics course.

BIOSCI 106	Organismal & Environmental Biology	4.0
BIOSCI 107	Molecular and Cellular Biology . . . . .	4.0
BIOSCI 215	General Zoology . . . . .	4.0
BIOSCI 216	General Botany . . . . .	4.0
CHEM 151	Preparatory General Chemistry . . . . .	4.0
CHEM 201	General Chemistry I . . . . .	6.0
CHEM 202	General Chemistry II . . . . .	5.0
CHEM 255	Organic Chemistry I . . . . .	5.0
CHEM 256	Organic Chemistry II . . . . .	5.0
GEOG 101	Physical Geography . . . . .	3.0
GEOG 101L	Physical Geography Lab . . . . .	1.0
GEOL 100	Physical Geology Lab . . . . .	1.0
GEOL 101	Physical Geology . . . . .	3.0
MATH 211	Calculus I . . . . .	5.0
MATH 212	Calculus II . . . . .	5.0
MATH 213	Calculus III . . . . .	5.0
MATH 214	Linear Algebra . . . . .	3.0
MATH 215	Differential Equations . . . . .	3.0
PHYSIC 110	General Physics I . . . . .	4.0
PHYSIC 111	General Physics II . . . . .	4.0
PHYSIC 220	Physics for Scientists and Engineers: Mechanics of Solids and Fluids . . . . .	4.0
PHYSIC 221	Physics for Scientists and Engineers: Electricity and Magnetism . . . . .	4.0
PHYSIC 222	Physics for Scientists and Engineers: Waves, Heat, Optics, and Modern Physics . . . . .	4.0

OR

Social and Behavioral Sciences Emphasis-Minimum 18 units.

*Select at least 6 units from one discipline.*

ANTHRO 105	Introduction to Archaeology and Prehistory . . . . .	3.0
ECON 202	Microeconomics . . . . .	3.0
GEOG 102	Cultural Geography . . . . .	3.0
HIST 101	History of Western Civilization: Pre-Industrial West . . . . .	3.0
HIST 102	History of Western Civilization: The Modern Era . . . . .	3.0
HIST 112	United States History II . . . . .	3.0
HIST 161	World History I . . . . .	3.0
POLISC 250	Comparative Government and Politics . . . . .	3.0
POLISC 270	International Relations . . . . .	3.0

PSYCH 102	Physiological Psychology . . . . .	3.0
PSYCH 103	Introduction to Behavioral Research Methods . . . . .	3.0
PSYCH 172	Developmental Psychology . . . . .	3.0
SOCI 207	Social Problems . . . . .	3.0
PSYCH 135	Statistics for the Social and Behavioral Sciences . . . . .	3.0
<i>OR</i>		
SOCI 135	Statistics for the Social and Behavioral Sciences . . . . .	3.0
HIST 111	United States History I . . . . .	3.0
<i>OR</i>		
HIST 111H	United States History I Honors . . . . .	3.0
ECON 201	Macroeconomics . . . . .	3.0
<i>OR</i>		
ECON 201H	Macroeconomics - Honors . . . . .	3.0
POLISC 150	Introduction to American Government and Politics . . . . .	3.0
<i>OR</i>		
POLISC 150H	Introduction to American Government and Politics - Honors . . . . .	3.0
PSYCH 101	Introduction to Psychology . . . . .	3.0
<i>OR</i>		
PSYCH 101H	Introduction to Psychology - Honors . . . . .	4.0
SOCI 101	Introduction to Sociology . . . . .	3.0
<i>OR</i>		
SOCI 101H	Introduction to Sociology - Honors . . . . .	4.0
ANTHRO 103	Cultural Anthropology . . . . .	3.0
<i>OR</i>		
ANTHRO 103H	Cultural Anthropology - Honors . . . . .	3.0
SOCI 102	Introduction to Sociological Research Methods . . . . .	3.0
JOURN 100	Mass Media and Society . . . . .	3.0
<i>OR</i>		
MEA 100	Mass Media and Society . . . . .	3.0
<i>OR</i>		
Humanities Emphasis-Minimum 18 units.		
<i>Select at least 6 units from one discipline.</i>		
ART 110	Art History: Ancient to Medieval . . . . .	3.0
ART 111	Art History: Renaissance to Modern . . . . .	3.0
ART 124A	Drawing I . . . . .	3.0
ART 140	Beginning Design: 2 Dimensional Media . . . . .	3.0
ENGL 102	Intermediate Composition, Literature, and Critical Thinking . . . . .	3.0

ENGL 250	British Literature I . . . . .	3.0
ENGL 251	British Literature II . . . . .	3.0
ENGL 260	American Literature I . . . . .	3.0
ENGL 261	American Literature II . . . . .	3.0
FRNCH 101	Elementary French I . . . . .	4.0
FRNCH 102	Elementary French II . . . . .	4.0
FRNCH 201	Intermediate French I . . . . .	4.0
FRNCH 202	Intermediate French II . . . . .	4.0
GERMAN 101	Elementary German I . . . . .	4.0
GERMAN 102	Elementary German II . . . . .	4.0
GERMAN 201	Intermediate German I . . . . .	4.0
HIST 101	History of Western Civilization: Pre-Industrial West . . . . .	3.0
HIST 102	History of Western Civilization: The Modern Era . . . . .	3.0
MUSIC 120	Tonal Harmony . . . . .	3.0
MUSIC 121	Chromatic Harmony . . . . .	3.0
PHILOS 101	Introduction to Philosophy . . . . .	3.0
PHILOS 110	History of Early Philosophy . . . . .	3.0
PHILOS 111	History of Philosophy: Renaissance Through the 19th Century . . . . .	3.0
PHILOS 112	History of Philosophy: 20th Century Philosophy . . . . .	3.0
PHILOS 210	Introduction to Ethics . . . . .	3.0
SPAN 101	Elementary Spanish I . . . . .	4.0
SPAN 102	Elementary Spanish II . . . . .	4.0
SPAN 201	Intermediate Spanish I . . . . .	4.0
SPAN 202	Intermediate Spanish II . . . . .	4.0
SIGN 101	American Sign Language I . . . . .	4.0
SIGN 102	American Sign Language II . . . . .	4.0
SIGN 103	American Sign Language III . . . . .	4.0
SIGN 104	American Sign Language IV . . . . .	4.0
THEATR 110	Understanding Theatre . . . . .	3.0
THEATR 140	Acting Fundamentals . . . . .	3.0
THEATR 141	Scene Performance . . . . .	4.0
THEATR 220	Theatre History I . . . . .	3.0
THEATR 221	Theatre History II . . . . .	3.0

**PAGE 150****MANUFACTURING  
TECHNOLOGY**

(REVISED DEGREE AND CERTIFICATE)

**Associate in Science Degree and Certificate of Achievement: Manufacturing Technology**

Units required for major and certificate: 24

MFGT 090	Measurements and Computations . . . . .	3.0
MFGT 101	Materials and Processes in Manufacturing . . . . .	3.0
MFGT 102	Engineering Drawing Interpretation . . . . .	3.0
MFGT 103	Introduction to Automated Manufacturing . . . . .	3.0

MFGT 121	CNC 1: Operation and Manual Programming . . . . .	3.0
MFGT 122	CNC 2: Concepts and Programming . . . . .	3.0

*Plus six units from the following:*

CWE 188MFGT	Cooperative Work Experience Education Manufacturing Technology . . . . .	1- 4.0
ENGR 110	Introduction to AutoCAD . . . . .	3.0
MFGT 131	CAD/CAM I . . . . .	3.0
MFGT 132	CAD/CAM II . . . . .	3.0
MFGT 141	CATIA I . . . . .	3.0
MFGT 142	CATIA II . . . . .	3.0
MFGT 143	CATIA III . . . . .	3.0

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- MFGT 010 PRECISION ASSEMBLY**
- MFGT 021 CNC SETUP AND OPERATIONS**
- MFGT 030 FACILITIES MAINTENANCE**

(ADD)

**MFGT 090 MEASUREMENTS AND COMPUTATIONS**

Units: 3.00 54.0 hours lecture maximum  
 Focuses on measurements and computations used in manufacturing technology, including fractions, decimals, percents, ratio, proportions, English and metric measurement systems, applied algebra, plane geometry, practical and using measurement tools properly.

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**MFGT 100 MEASUREMENTS AND COMPUTATIONS**

(REVISED CATALOG DESCRIPTION, RECOMMENDED PREPARATION)

**MFGT 102 ENGINEERING DRAWING INTERPRETATION**

Units: 3.00 - CSU 54.0 hours lecture maximum  
*Recommended Preparation: MFGT-090*  
 Introduces engineering drawings widely used in contemporary manufacturing industries. Examines visualization and interpretation aspects of blueprint reading including geometric dimensioning and tolerancing.

(DELETE)

**MFGT 111 MACHINE TECHNOLOGY**

**PAGE 153**

(REVISED CATALOG DESCRIPTION, HOURS)

**MFGT 143 CATIA III**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: MFGT-142*

Presents CATIA basic manufacturing fixed and multi-axis CNC milling for various manufacturing environments.

(NEW PROGRAM)

**MEDIA ENTERTAINMENT ARTS**

(NEW DEGREE)

**Associate in Arts Degree: Media Entertainment Arts-Filmmaking**

(PENDING STATE APPROVAL)

Units required for major: 22.5

MEA 101	Television and Film Media Aesthetics . . . . .	3.0
MEA 120	Introduction to Cinematography I . . .	2.0

*Plus two units of the following:*

MEA 111	Exploring Video Field Production . . .	2.0
MEA 112	Exploring Video Studio Production . .	2.0
MEA 113	Exploring Online Media Communication . . . . .	2.0

*Plus seventeen units of the following:*

MEA 108	Scriptwriting Fundamentals . . . . .	3.0
MEA 116	Digital Video Editing I . . . . .	2.0
MEA 180	Filmmaking I . . . . .	3.0
MEA 280	Filmmaking II: Directing and Producing the Independent Film . . .	3.0
MEA 201	Film Style Seminar . . . . .	3.0
MEA 100	Mass Media Communications . . . . .	3.0

OR

MEA 103	Exploring Contemporary Television . . . . .	3.0
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Required electives:

*Plus one unit of the following:*

CWE 188MEA	Cooperative Work Experience Education . . . . .	1- 4.0
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*Plus 1.5 units of the following:*

MEA 295	Professional Practices/Portfolio . . .	1.5
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(NEW COURSE)

**MEA 100 MASS MEDIA COMMUNICATIONS**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum  
 Surveys and evaluates mass media, including newspapers, television, motion pictures, radio, publishing, advertising, and new and emerging digital media. Historical and theoretical perspectives are highlighted in order to critically examine the complex relationship between society and contemporary mass communications. (Same as JOURN-100) (Formerly RTVF-100)

(NEW COURSE)

**MEA 101 TELEVISION AND FILM MEDIA AESTHETICS**

Units: 3.00 - CSU 54.0 hours lecture maximum  
 Surveys and examines the fundamental components of cinematic art, as found in television, film, and digital media. Students analyze how various dramatic, narrative, and technological conventions are used to tell stories and create meaning. Representative television programs, films, and new digital media are viewed and discussed to understand the structure of the moving image. (Formerly RTVF-101)

(NEW COURSE)

**MEA 103 EXPLORING CONTEMPORARY TELEVISION**

Units: 3.00 - CSU 54.0 hours lecture maximum  
 Surveys and analyzes contemporary American and global television media content and genres, such as newscast, sports coverage, action/adventure, episodic drama, situation comedy, news documentary/news magazine, and reality-based scripted programming. Examines the television's narrative strategies and industrial practices, and relates the broader effects of contact and consumption on popular culture.

(NEW COURSE)

**MEA 108 SCRIPTWRITING FUNDAMENTALS**

Units: 3.00 - CSU 54.0 hours lecture maximum  
 Introduces writing for film, television, and electronic media. Surveys standard industry script formats for commercials, broadcast, and film and television narratives. Students analyze and compare produced scripts from early drafts through the final on-screen product to develop practical skills that emphasize clarity, economy, and visualization.

(NEW COURSE)

**MEA 111 EXPLORING VIDEO FIELD PRODUCTION**

Units: 2.00 - CSU 27.0 hours lecture maximum, 27.0 hours lab maximum  
 Introduces the theory, terminology, and operation of field video production, including camera operation, portable lighting, audio, and video recording equipment. Examines the aesthetics and fundamentals of scripting, producing, and directing on location for broadcast and multimedia outlets. Students who have earned credit for RTVF-112 cannot receive credit for this course.

(NEW COURSE)

**MEA 112 EXPLORING VIDEO STUDIO PRODUCTION**

Units: 2.00 - CSU 27.0 hours lecture maximum, 27.0 hours lab maximum  
 Introduces the theory and technology of video studio production, including lighting, camera, switcher, special effects, microphones, audio mixer, and videotape recorders. Examines the production process from script to screen through a variety of in-class studio projects. Students who have earned credit for RTVF-112 cannot receive credit for this course.

(NEW COURSE)

**MEA 113 EXPLORING ONLINE MEDIA COMMUNICATION**

Units: 2.00 - CSU 27.0 hours lecture maximum, 27.0 hours lab maximum  
 Introduces conceptual foundations of online media communication, including production, distribution, access, and storage. Examines Weblogs (blogs), internet-based audio/visual media, and emerging mobile communication technologies to analyze the impact of online media communication on society, culture, and commerce.

(NEW COURSE)

**MEA 116 DIGITAL VIDEO EDITING I**

Units: 2.00 - CSU 27.0 hours lecture maximum, 27.0 hours lab maximum  
 Introduces non-linear editing technology and media management skills. Students learn basic Final Cut Pro operation and workflow, including importing, manipulating, and exporting digital media for a variety of formats.

(NEW COURSE)

**MEA 120 INTRODUCTION TO CINEMATOGRAPHY I**

Units: 2.00 - CSU 18.0 hours lecture maximum, 54.0 hours lab maximum  
 Examines the well-disciplined creative control of film/video cameras and lighting for both studio and field production, including the principles of grip, gaff and electrics.

(NEW COURSE)

**MEA 180 FILMMAKING I**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: MEA-120*

Introduces basic training in visual storytelling, directing cast and crew, and organizing a film production. Key concepts of narrative structure and production protocol are grounded in technical knowledge of both 16mm film and digital video formats. (Formerly RTVF-190.)

(NEW COURSE)

**MEA 201 FILM STYLE SEMINAR**

Units: 3.00 – CSU 54.0 hours lecture maximum

Investigates the nature of film style through the examples of individual directors by examining what constitutes 'style' and how it develops in relation to factors such as era, genre, technology, politics, commerce, aesthetics, and critical influence. Builds fundamental communication skills for directors and producers in professional film.

(NEW COURSE)

**MEA 280 FILMMAKING II: DIRECTING AND PRODUCING INDEPENDENT FILM**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: MEA-180*

Examines advanced filmmaking techniques to create film projects that reflect the personal style of the writer-director, including management skills in directing and producing. May be taken two times for credit. (Formerly RTVF-280)

(NEW COURSE)

**MEA 295 PROFESSIONAL PRACTICES/PORTFOLIO**

Units: 1.50 - CSU 18.0 hours lecture maximum, 27.0 hours lab maximum

Provides advanced students with the business and career skills required for entry-level industry positions or transfer to four-year film/media schools. Topics include portfolio design and assembly, writing resumes, cover letters, and artist statements, networking, personal presentation, and applying for industry jobs and film festivals.

**PAGE 156****MODERN LANGUAGES**

(REVISED CATALOG DESCRIPTION)

**FRNCH 101 ELEMENTARY FRENCH I**

Units: 4.00 - UC:CSU 72.0 hours lecture maximum

Develops language skills in listening, reading, speaking and writing within a cultural context with a strong emphasis on communication. Corresponds to the first two years of high school French. Not appropriate for native speakers.

(REVISED CATALOG DESCRIPTION)

**FRNCH 102 ELEMENTARY FRENCH II**

Units: 4.00 - UC:CSU 72.0 hours lecture maximum

*Prerequisite: FRNCH-101*

Continues the study of the fundamentals of the French language, emphasizing correct pronunciation and mastery of a practical vocabulary, oral and written expression, and the study of the cultures of the contemporary French-speaking world. Not appropriate for native speakers. Corresponds to the third year of high school French.

(REVISED CATALOG DESCRIPTION)

**FRNCH 201 INTERMEDIATE FRENCH I**

Units: 4.00 - UC:CSU 72.0 hours lecture maximum

*Prerequisite: FRNCH-102*

Reviews French grammar, emphasizing practical and idiomatic usage as well as analyzing essays, poems and short stories in French by famous authors from the French-speaking world. Corresponds to the fourth year of high school French.

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(REVISED CATALOG DESCRIPTION)

**FRNCH 202 INTERMEDIATE FRENCH II**

Units: 4.00 - UC:CSU 72.0 hours lecture maximum

*Prerequisite: FRNCH-201*

Studies more advanced grammatical structures and syntax, emphasizing practical and idiomatic usage, as well as analyzing essays, poems and short stories in French by famous authors from the French-speaking world.

(DELETE)

**GERMAN 202 INTERMEDIATE GERMAN II**

Units: 4.00 - UC:CSU 72.0 hours lecture maximum CAN GERM10

*Prerequisite:* GERMAN-201 or four years of high school German with a grade of "C" or better or equivalent.

Complete review of German grammar. Oral discussion and written composition, dealing with assigned readings of current German prose. Intensive reading of outstanding German literature.

**PAGE 158**

(REVISED TITLE, CATALOG DESCRIPTION)

**SPAN 101A SPANISH FOR HERITAGE SPEAKERS I**

Units: 4.00 - UC:CSU 72.0 hours lecture maximum  
 Focuses on developing and strengthening reading and writing skills while exploring Spanish speaking culture. Attention is given to the formal aspects of the language. Emphasis is placed on spelling, punctuation, lexical variations, idioms and cultural components of the Spanish language. This class is designed for students who communicate in Spanish and/or have near-native oral proficiency. This might include students who have acquired the language outside of the classroom setting. Students who have earned credit for SPAN-101 cannot receive credit for this course.

(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**SPAN 102 ELEMENTARY SPANISH II**

Units: 4.00 - UC:CSU 72.0 hours lecture maximum  
*Prerequisite: SPAN-101*  
 Develops linguistic and cultural proficiency at the novice high level. Corresponds to the third year of high school Spanish. Not appropriate for native or heritage speakers. Students who have earned credit for SPAN-102A cannot receive credit for this course.

(REVISED TITLE, CATALOG DESCRIPTION)

**SPAN 102A SPANISH FOR HERITAGE SPEAKERS II**

Units: 4.00 - UC:CSU 72.0 hours lecture maximum  
*Prerequisite: SPAN-101A*  
 Focuses on reading and writing with special attention to formal aspects of the language while exploring the Spanish speaking culture. Designed for students who communicate in Spanish and/or have near-native oral proficiency. Students who have earned credit for SPAN-102 cannot receive credit for this course.

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(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**SPAN 202 INTERMEDIATE SPANISH II**

Units: 4.00 - UC:CSU 72.0 hours lecture maximum  
*Prerequisite: SPAN-201*  
 Studies more advanced grammatical structures and syntax, emphasizing linguistic and cultural proficiency using cultural and literary materials.

(REVISED TITLE, CATALOG DESCRIPTION)

**SPAN 240 INTRODUCTION TO LATIN AMERICAN LITERATURE**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum  
 Surveys literature and culture of Latin America from the colonial period to the present, including basic literary concepts and analysis of the four genres, narrative, essay, poetry, and drama within literary movements in Latin America. Lectures and discussions are in Spanish.

**PAGE 159-161****MUSIC**

(REVISED DEGREE)

**Associate in Arts Degree: Music – Composition**

Units required for major: 18

*Fourteen units from the following:*

MUSIC 101	Musicianship Skills I . . . . .	1.0
MUSIC 102	Musicianship Skills II . . . . .	1.0
MUSIC 103	Musicianship Skills III . . . . .	1.0
MUSIC 104	Musicianship Skills IV . . . . .	1.0
MUSIC 120	Tonal Harmony . . . . .	3.0
MUSIC 121	Chromatic Harmony . . . . .	3.0
MUSIC 122	Tonal Counterpoint . . . . .	3.0
MUSIC 123	Modal Counterpoint . . . . .	3.0
MUSIC 131	Keyboard Instruction I . . . . .	2.0
MUSIC 132	Keyboard Instruction II . . . . .	2.0
MUSIC 174	College Chorus . . . . .	1.0

*OR*

MUSIC 175	Festival Choir: Voices of the Canyons . . . . .	1.0
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*Plus four units from the following:*

MUSIC 125	Studies in Music Composition . . . . .	3.0
MUSIC 127	Orchestration for Strings and Woodwinds . . . . .	3.0
MUSIC 128	Orchestration for Brass, Percussion, and Harp . . . . .	3.0
MUSIC 129	Music Production for Film and Television . . . . .	3.0

*Recommended electives:*

MUSIC 100	Fundamentals of Music . . . . .	3.0
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(REVISED DEGREE)

**Associate in Arts Degree: Music – Concert Performance**

Units required: 18

*Fourteen units from the following:*

MUSIC 101	Musicianship Skills I . . . . .	1.0
MUSIC 102	Musicianship Skills II . . . . .	1.0
MUSIC 103	Musicianship Skills III . . . . .	1.0
MUSIC 104	Musicianship Skills IV . . . . .	1.0
MUSIC 120	Tonal Harmony . . . . .	3.0
MUSIC 121	Chromatic Harmony . . . . .	3.0
MUSIC 122	Tonal Counterpoint . . . . .	3.0
MUSIC 123	Modal Counterpoint . . . . .	3.0
MUSIC 131	Keyboard Instruction I . . . . .	2.0
MUSIC 132	Keyboard Instruction II . . . . .	2.0
MUSIC 174	College Chorus . . . . .	1.0

OR

MUSIC 175 Festival Choir: Voices of the Canyons 1.0

*Plus four units from the following  
(courses may be repeated):*

MUSIC 165 Symphony of the Canyons . . . . . 2.0

MUSIC 185 Symphonic Band . . . . . 2.0

MUSIC 186 Music Ensemble . . . . . 2.0

*Recommended electives:*

MUSIC 100 Fundamentals of Music . . . . . 3.0

(REVISED DEGREE)

**Associate in Arts Degree: Music – Guitar  
Performance**

Units required: 18

*Fourteen units from the following:*

MUSIC 101 Musicianship Skills I . . . . . 1.0

MUSIC 102 Musicianship Skills II . . . . . 1.0

MUSIC 103 Musicianship Skills III . . . . . 1.0

MUSIC 104 Musicianship Skills IV . . . . . 1.0

MUSIC 120 Tonal Harmony . . . . . 3.0

MUSIC 121 Chromatic Harmony . . . . . 3.0

MUSIC 122 Tonal Counterpoint . . . . . 3.0

MUSIC 123 Modal Counterpoint . . . . . 3.0

MUSIC 131 Keyboard Instruction I . . . . . 2.0

MUSIC 132 Keyboard Instruction II . . . . . 2.0

MUSIC 174 College Chorus . . . . . 1.0

OR

MUSIC 175 Festival Choir: Voices of the  
Canyons . . . . . 1.0*Plus four units of the following:*

MUSIC 126 Pop and Jazz Music Theory . . . . . 3.0

MUSIC 160 Guitar Studies I . . . . . 2.0

MUSIC 161 Guitar Studies II . . . . . 2.0

MUSIC 167 Jazz Guitar Studies I . . . . . 2.0

MUSIC 168 Jazz Guitar Studies II . . . . . 2.0

*Recommended electives:*

MUSIC 100 Fundamentals of Music . . . . . 3.0

(REVISED DEGREE)

**Associate in Arts Degree: Music – Jazz  
Performance**

Units required: 18

*Fourteen units from the following:*

MUSIC 101 Musicianship Skills I . . . . . 1.0

MUSIC 102 Musicianship Skills II . . . . . 1.0

MUSIC 103 Musicianship Skills III . . . . . 1.0

MUSIC 104 Musicianship Skills IV . . . . . 1.0

MUSIC 120 Tonal Harmony . . . . . 3.0

MUSIC 121 Chromatic Harmony . . . . . 3.0

MUSIC 122 Tonal Counterpoint . . . . . 3.0

MUSIC 123 Modal Counterpoint . . . . . 3.0

MUSIC 131 Keyboard Instruction I . . . . . 2.0

MUSIC 132 Keyboard Instruction II . . . . . 2.0

MUSIC 174 College Chorus . . . . . 1.0

OR

MUSIC 175 Festival Choir: Voices of the  
Canyons . . . . . 1.0*Plus four units from the following  
(courses may be repeated):*

MUSIC 151 Jazz Improvisation . . . . . 1.0

MUSIC 153 Studio Jazz Ensemble . . . . . 1.0

(REVISED DEGREE)

**Associate in Arts Degree: Music – Voice  
Performance**

Units required: 18

*Fourteen units from the following:*

MUSIC 101 Musicianship Skills I . . . . . 1.0

MUSIC 102 Musicianship Skills II . . . . . 1.0

MUSIC 103 Musicianship Skills III . . . . . 1.0

MUSIC 104 Musicianship Skills IV . . . . . 1.0

MUSIC 120 Tonal Harmony . . . . . 3.0

MUSIC 121 Chromatic Harmony . . . . . 3.0

MUSIC 122 Tonal Counterpoint . . . . . 3.0

MUSIC 123 Modal Counterpoint . . . . . 3.0

MUSIC 131 Keyboard Instruction I . . . . . 2.0

MUSIC 132 Keyboard Instruction II . . . . . 2.0

MUSIC 174 College Chorus . . . . . 1.0

OR

MUSIC 175 Festival Choir: Voices of the  
Canyons . . . . . 1.0*Plus four units from the following  
(courses may be repeated):*MUSIC 140 Vocal Development for  
Popular Music . . . . . 1.0MUSIC 141 Voice Development: From  
Baroque to Contemporary . . . . . 2.0

MUSIC 173 Jazz Vocal Ensemble . . . . . 1.0

MUSIC 174 College Chorus . . . . . 1.0

MUSIC 175 Festival Choir: Voices of the  
Canyons . . . . . 1.0

MUSIC 176 Chamber Singers . . . . . 2.0

MUSIC 177 Women's Choir (Les Chanteuses) . . 2.0

(ADD)

**MUSIC 054 STAGE BAND**

Units: 1.00 54.0 hours lab maximum

*Prerequisite: Audition by instructor to ensure satisfactory performance ability.*

Develops stage band performance skills for the novice player or singer. Audition through the Department of Music; contact for date, time, and other details. Offered pass/no pass only. May be taken four times for credit.

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(REVISED CATALOG DESCRIPTION, HOURS AND UNITS)

**MUSIC 153 STUDIO JAZZ ENSEMBLE**

Units: 2.00 - UC:CSU 18.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: Audition by instructor to ensure satisfactory performance ability.*

Examines the historical basis of jazz and fosters the improvement of jazz performance skills on wind, string, vocal or percussion instruments through participation in public concerts. Audition through the Department of Music; contact for date, time, and other details. May be taken four times for credit.

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(REVISED CATALOG DESCRIPTION, HOURS AND UNITS)

**MUSIC 176 CHAMBER SINGERS**

Units: 2.00 - UC:CSU 18.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: Audition by instructor to ensure satisfactory performance ability. Contact the Music Department for date, time, and other details.*

Study and performance of chamber music from the 15th to the 21st centuries, emphasizing the development of skills needed to sing from a variety of choral styles and historical periods. This choral group refines individual selections to high performance standards and represents the college at inter-collegiate festivals, on-campus events, and within the community. Attendance at all scheduled performances is required. May be taken four times for credit.

(REVISED PREREQUISITE)

**MUSIC 177 WOMEN'S CHOIR (LES CHANTEUSES)**

Units: 2.00 - UC:CSU 18.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: Audition*

Studies musical styles and performance practices from an historical perspective as well as learning correct and efficient rehearsal techniques as it applies to the selected choral literature. This choral group represents the College at intercollegiate festivals, on-campus events, and within the community. May be taken four times for credit.

(DELETE)

**MUSIC 180 MUSIC BUSINESS****MUSIC 181 APPLIED MUSIC STUDIES I****MUSIC 182 APPLIED MUSIC STUDIES II****MUSIC 183 APPLIED MUSIC STUDIES III****MUSIC 184 APPLIED MUSIC STUDIES IV****PAGE 166**

(ADD)

**MUSIC 189 INDIVIDUALIZED MUSIC LESSONS**

Units: 1.00-2.00 - CSU 18.0 – 36.0 hours lecture maximum

*Prerequisite: Audition Co-requisites: MUSIC-190 and one of the following ensemble courses: MUSIC 080, 081, 082, 114, 116, 151, 153, 165, 173, 174, 175, 176, 177, 185 or 186.*

Emphasizes technical development and the learning of musical repertoire and the development of concert presentation skills. Individual instruction is provided by appointment. Audition through the Department of Music; contact for date, time, and other details. May be taken four times for credit.

(ADD)

**MUSIC 191 CONTEMPORARY PRACTICES IN MUSIC PUBLISHING**

Units: 3.00 - CSU 54.0 hours lecture maximum

Explores the business of marketing and selling music, including intellectual property statutes, copyright law, royalties and music contracts.

(ADD)

**MUSIC 192 MUSIC BUSINESS**

Units: 3.00 - CSU 54.0 hours lecture maximum

Examines the music business industry as it relates to production, recording, manufacturing, publishing, marketing, copyright and performing rights.

(NEW PROGRAM)

**NANOTECHNOLOGY**

(NEW COURSE)

**NANO 010 INTRODUCTION TO NANOTECHNOLOGY**

Units: 2.00 36.0 hours lecture maximum

Introduces nanotechnology in a descriptive and interdisciplinary way, including an introduction to microscopy used for nanomaterial characterization.

**PAGE 171****NURSING**

(DELETE)

**Certificate of Specialization: Home Health Aide****PAGE 172**

(REVISED CATALOG DESCRIPTION, PREREQUISITE, AND HOURS)

**NURSNG 056 PHLEBOTOMY**

Units: 4.50 45.0 hours lecture maximum, 108.0 hours lab maximum

*Prerequisite: High school diploma or GED. CPR for Health Care Workers card. Enrollee must have a physical and immunizations as required by the clinical facilities. In order to register, a packet must be picked up in the Nursing Office. These forms must be completed and submitted prior to the first class meeting.*

Designed to prepare personnel who collect blood samples for medical laboratory analysis. Technique, equipment, and proper patient preparation will be stressed. Successful completion of the course will result in a Phlebotomy Technician Proficiency Certificate. Includes learning experiences both in on-campus skills laboratories and at affiliated clinical sites. May be repeated if used for legally mandated training. May be taken two times for credit.

**PAGE 174**

(REVISED CATALOG DESCRIPTION)

**NURSNG 206 OPERATING ROOM NURSING**

Units: 5.00 - CSU 90.0 hours lecture maximum

*Recommended Preparation: RN, LVN or RN student*  
Presents theory of operating room nursing, including the three areas of perioperative nursing care: preoperative assessment and planning, intraoperative implementation, and postoperative evaluation.

(REVISED CATALOG DESCRIPTION)

**NURSNG 212 PHYSICAL ASSESSMENT**

Units: 1.00 - CSU 18.0 hours lecture maximum

Designed to develop a review of physical assessment skills covering the life span including the health history, physical examination techniques, and the nursing process. Offered pass/no-pass only. May be taken two times for credit.

**PAGE 175**

(REVISED TITLE, CATALOG DESCRIPTION)

**NURSNG 242 CRITICAL CARE NURSING**

Units: 3.00 - CSU 54.0 hours lecture maximum

*Recommended Preparation: RN, LVN or RN student*

Presents current concepts in critical care nursing of disease processes for each of the major body systems: pulmonary, cardiovascular, neurologic, renal, endocrine, hematologic, immunologic, gastrointestinal and multisystem failure.

**PAGE 176****PARALEGAL**

(REVISED TITLE, CATALOG DESCRIPTION)

**PARLGL 101 INTRODUCTION TO LAW**

Units: 3.00 - CSU 54.0 hours lecture maximum

Provides an overview of the history, philosophy, and practices of the legal profession, including paralegals, in the United States while introducing legal concepts, terms, and theories.

(REVISED TITLE)

**PARLGL 104 CONTRACT LAW**

Units: 3.00 - CSU 54.0 hours lecture maximum

*Recommended Preparation: PARLGL-101*

Examines contract law, including formation of contracts, statute of frauds, third-party rights and remedies, liability for breach of contract, and the Uniform Commercial Code.

**PAGE 177****PHILOSOPHY**

(REVISED TRANSFER INFORMATION)

**PHILOS 106 CRITICAL REASONING**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

Introduces reasoning skills for evaluating and understanding arguments, including using deductive and inductive logic, identifying common fallacies and evaluating beliefs, claims, and forms of evidence. UC credit limitation: PHILOS-106 and SOCI-108 combined, maximum credit one course. (Formerly PHILOS-205)

**PAGE 178**

(ADD)

**PHILOS 120 INTRODUCTION TO ETHICS**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

Surveys some of the major classical and contemporary ethical theories with emphasis on their application to typical life situations in a modern society. (Formerly PHILOS-210)

(DELETE)

**PHILOS 210 INTRODUCTION TO ETHICS**

Units: 3.00 - UC:CSU 3.11 hours lecture weekly CAN PHIL 4

Surveys some of the major classical and contemporary ethical theories with emphasis on their application to typical life situations in a modern society.

**PAGE 179****PHOTOGRAPHY**

(REVISED DEGREE)

**Associate in Arts Degree: Fine Art Photography**

Units required for major: 30

*Twenty-four units from the following:*

ART 110	Art History: Ancient to Medieval . . .	.3.0
ART 111	Art History: Renaissance to Modern . . . . .	.3.0
ART 124A	Drawing I . . . . .	.3.0
ART 140	Beginning Design: Two- Dimensional Media . . . . .	.3.0
ART 141	Beginning Design: Three- Dimensional Media . . . . .	.3.0
PHOTO 150	Cameras and Composition . . . . .	.3.0
PHOTO 155	Photography . . . . .	.3.0

*OR*

PHOTO 160	Black and White Photography . . . . .	.3.0
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*Plus six units from the following:*

GMD 105	Digital Imaging . . . . .	.3.0
PHOTO 140	History of Photography . . . . .	.3.0
PHOTO 171	Handmade Book and Photographic Reproduction Process . . . . .	.3.0
PHOTO 175	Intermediate Photography . . . . .	.3.0
PHOTO 180	Documentary and Landscape Photography . . . . .	.3.0
PHOTO 185	Experimental Photography . . . . .	.3.0
PHOTO 190	Studio Photography . . . . .	.3.0
PHOTO 195	Color Photography . . . . .	.3.0
PHOTO 198	Special Topics in Photography . .	.1.0-2.0
PHOTO 201	Independent Projects in Photography . . . . .	.2.0 - 3.0
PHOTO 280	Large Format Photography and the Zone System . . . . .	.3.0
PHOTO 285	Concept Development . . . . .	.3.0
PHOTO 295	Professional Practices and Portfolio . . . . .	.3.0

**PAGE 180**

(REVISED CERTIFICATE)

**Certificate of Achievement: Commercial Photography**

Units required for certificate: 21

GMD 105	Digital Imaging . . . . .	.3.0
PHOTO 150	Cameras and Composition . . . . .	.3.0
PHOTO 155	Photography . . . . .	.3.0
PHOTO 190	Studio Photography . . . . .	.3.0
PHOTO 195	Color Photography . . . . .	.3.0
PHOTO 220	The Business of Photography . . . . .	.3.0
PHOTO 295	Professional Practices and Portfolio .	.3.0

*Recommended electives:*

PHOTO 200	Portraiture . . . . .	.3.0
PHOTO 201	Independent Projects in Photography . . . . .	1.0-2.0
PHOTO 210	Wedding Photography . . . . .	.3.0
PHOTO 285	Concept Development . . . . .	.3.0

(REVISED CATALOG DESCRIPTION, HOURS AND UNITS)

**PHOTO 091L ADVANCED OPEN PHOTOGRAPHY LAB**

Units: 1.00-2.00 54.0 – 108.0 hours lab maximum

*Prerequisite: PHOTO-160*

An open lab for the currently enrolled advanced photography student who wishes to increase skills through the use of the photography lab facility. Units do not apply to the associate degree. Offered pass/no-pass only. May be taken four times for credit.

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(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**PHOTO 190 STUDIO PHOTOGRAPHY**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: PHOTO-155 and PHOTO-160*

Explores the photographic studio through lectures and demonstrations, including medium format cameras, studio light equipment, and the history of studio photography will also be discussed. May be taken four times for credit.

(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**PHOTO 195 COLOR PHOTOGRAPHY**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: PHOTO-155 or PHOTO-160*

Presents the principles of light and color in digital or film photography and the practice of exposure and color printing. May be taken four times for credit.

(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**PHOTO 200 PORTRAITURE**

Units: 3.00 - CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: PHOTO-155 and PHOTO-160*

Explores basic portraiture techniques for commercial photographic and artistic use, utilizing medium format cameras. May be taken four times for credit.

(REVISED CATALOG DESCRIPTION, PREREQUISITE)

**PHOTO 201 INDEPENDENT PROJECTS IN PHOTOGRAPHY**

Units: 1.00-2.00 - CSU 18.0 hours lecture maximum, 54.0 – 108.0 hours lab maximum

*Prerequisite: PHOTO-150, PHOTO-155, or PHOTO-160*

A course for intermediate and advanced students to explore individual photographic projects and techniques. Offered pass/no-pass only. May be taken four times for credit.

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(REVISED TITLE, CATALOG DESCRIPTION, AND PREREQUISITE)

**PHOTO 285 CONCEPT DEVELOPMENT**

Units: 3.00 - UC:CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: PHOTO-155 or PHOTO-160*

Presents advanced theory, concept development and execution of the creative process. May be taken four times for credit.

**PAGE 185****POLITICAL SCIENCE**

(REVISED CATALOG DESCRIPTION)

**POLISC 290 ETHNIC AND GENDER POLITICS**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

Examines the history, issues, and political processes that affect the status and power of ethnic and gender groups which have traditionally been politically and economically disadvantaged in the United States, including issues of inclusion and exclusion; otherness and scapegoating; and, barriers of inequality among politically marginalized groups.

**PAGE 189****RADIO, TELEVISION AND FILM**

(DELETE)

**RTVF 062 INTRODUCTION TO GRIP AND GAFF  
RTVF 100 MEDIA AND SOCIETY****PAGE 190**

(DELETE)

**RTVF 172 DESKTOP VIDEO****PAGE 192****REAL ESTATE**

(REVISED DEGREE)

**Associate in Science Degree and Certificate of Achievement: Real Estate**

Units required for degree and certificate: 26

BUS 201	Principles of Accounting I	.5.0
REAL 100	Real Estate Principles	.3.0
REAL 101	Real Estate Practices	.3.0
REAL 105	Real Estate Financing	.3.0
REAL 115	Legal Aspects of Real Estate	.3.0
REAL 120	Real Estate Appraisal I	.3.0

*Plus six units from the following:*

BUS 211	Business Law	.3.0
REAL 121	Real Estate Appraisal II	.3.0
REAL 130	Escrow Procedures and Processing	.3.0
REAL 150	Mortgage Loan Brokering	.3.0
ECON 140	Real Estate Economics	.3.0

(REVISED CATALOG DESCRIPTION)

**REAL 100 REAL ESTATE PRINCIPLES**

Units: 3.00 - CSU 54.0 hours lecture maximum

Introduces real estate fundamentals by emphasizing the concepts of real property ownership, the sale of real property, contract law, real property law, appraisal, financing, and the business aspects of buying and selling real estate under California law. A State of California required course for the Real Estate Sales License exam.

(REVISED CATALOG DESCRIPTION)

**REAL 101 REAL ESTATE PRACTICES**

Units: 3.00 - CSU 54.0 hours lecture maximum

Examines the theoretical and practical aspects of office operation systems, ethics, obtaining and processing listings, fundamentals of escrow, financing and appraisal within the real estate industry. A State of California required course for the Real Estate Sales License.



(REVISED CATALOG DESCRIPTION)

**REAL 105 REAL ESTATE FINANCING**

Units: 3.00 - CSU 54.0 hours lecture maximum  
 Overview of real estate finance in California, including analyses of lending sources, loan processing, governmental loans, appraisals and methods of financing commercial and residential properties. This course satisfies one of the California Department of Real Estate Salesperson electives and is required of applicants for the Real Estate Broker examination.

(REVISED CATALOG DESCRIPTION)

**REAL 115 LEGAL ASPECTS OF REAL ESTATE**

Units: 3.00 - CSU 54.0 hours lecture maximum  
 Examines California real estate law emphasizing practical applications, including sources of real estate law, classes of property, fixtures, easements, estates or interests in real property, contracts, agency, conveyances, and security devices.

(REVISED CATALOG DESCRIPTION)

**REAL 120 REAL ESTATE APPRAISAL I**

Units: 3.00 - CSU 54.0 hours lecture maximum  
 Covers real estate appraisals, the appraisal process as well as the different approaches, methods, and techniques used to determine the value of real property. Emphasizes residential and single unit property. Approved by Department of Real Estate (DRE) for Sales and Broker's educational requirements.

(REVISED CATALOG DESCRIPTION)

**REAL 121 REAL ESTATE APPRAISAL II**

Units: 3.00 - CSU 54.0 hours lecture maximum  
 Provides an advanced appraisal course covering the methods and techniques used in the appraisal of specialty and more complex income-producing properties. Approved by the California Department of Real Estate for the Sales and Broker's license.

**PAGE 193**

(REVISED CATALOG DESCRIPTION)

**REAL 130 ESCROW PROCEDURES AND PROCESSING**

Units: 3.00 - CSU 54.0 hours lecture maximum  
 Provides an overview of the Real Estate escrow process emphasizing on the procedures used in the State of California. Can be used to satisfy the California Department of Real Estate's requirement for both Salespersons or Brokers.

**PAGE 193**

**RECREATION MANAGEMENT**

(REVISED DEGREE)

**Associate in Arts Degree: Recreation Management**

Units required for major: 23

REC 101	Recreation and Leisure in Contemporary Society . . . . .	3.0
REC 102	Planning Programs and Events for Recreation Experiences . . . . .	3.0
REC 104	Introduction to Therapeutic Recreation And Special Populations . . . . .	3.0

*Plus fourteen units from the following:*

BUS 110	Principles of Management . . . . .	3.0
KPET 120	Emergency Procedures . . . . .	2.0
PSYCH 101	Introduction to Psychology . . . . .	3.0
PSYCH 172	Developmental Psychology . . . . .	3.0
SOCI 101	Introduction to Sociology . . . . .	3.0
REC 124	Challenge Ropes Course Experience	1.0

*Recommended electives:*

SOCI 233	Sociological Issues of Life and Longevity . . . . .	3.0
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**PAGE 194**

(ADD)

**REC 124 CHALLENGE ROPES COURSE EXPERIENCE**

Units: 1.00 - CSU 54 hours lab maximum  
 Builds students' self confidence, communication skills, and leadership skills through participation in activities which incorporate high and low ropes courses, zip lines and climbing walls. May be taken four times for credit.

**PAGE 197**

**SOCIAL SCIENCE**

(REVISED DEGREE)

**Associate in Arts Degree: Social Science**

Units required: 24

*Three units from the following:*

PSYCH 105	Personal Growth and Adjustment . .	3.0
PSYCH 109	Social Psychology . . . . .	3.0
PSYCH 172	Developmental Psychology . . . . .	3.0
PSYCH 230	Human Sexuality . . . . .	3.0
PSYCH 101	Introduction to Psychology . . . . .	3.0

OR

PSYCH 101H Introduction to Psychology – Honors . . . . . 4.0

Plus three units from the following:

ANTHRO 103 Cultural Anthropology . . . . . 3.0  
 ANTHRO 105 Introduction to Archaeology and Prehistory . . . . . 3.0  
 ANTHRO 210 Indians of California . . . . . 3.0  
 ANTHRO 220 Magic, Witchcraft, and Religion . . . 3.0

OR

ANTHRO 103H Cultural Anthropology – Honors . . 3.0

Plus three units from the following:

COMS 223 Small Group Communication . . . . . 3.0  
 COMS 246 Interpersonal Communication . . . . . 3.0  
 COMS 256 Intercultural Communication . . . . . 3.0

Plus three units from the following:

HIST 112 United States History II . . . . . 3.0  
 HIST 130 Social and Cultural History of the United States . . . . . 3.0  
 HIST 161 World History I . . . . . 3.0  
 HIST 240 Latin American Civilization . . . . . 3.0  
 HIST 111 United States History I . . . . . 3.0  
 HIST 111H United States History I – Honors . . 3.0

Plus three units from the following:

POLISC 230 Political Theory . . . . . 3.0  
 POLISC 250 Comparative Government and Politics . . . . . 3.0  
 POLISC 270 International Relations . . . . . 3.0  
 POLISC 150 Introduction to American Government and Politics . . . . . 3.0

OR

POLISC 150H Introduction to American Government and Politics – Honors . 3.0

Plus three units from the following:

SOCI 207 Social Problems . . . . . 3.0  
 SOCI 101 Introduction to Sociology . . . . . 3.0

OR

SOCI 101H Introduction to Sociology – Honors . 4.0

Plus six units from the following:

ANTHRO 215 Indians of the Southwestern United States . . . . . 3.0  
 BUS 126 Managing Diversity in the Workplace . . . . . 3.0  
 COMS 260 Communication and Gender . . . . . 3.0  
 ECON 130 Consumer Economics . . . . . 3.0  
 GEOG 102 Cultural Geography . . . . . 3.0  
 POLISC 250 Comparative Government and Politics . . . . . 3.0

POLISC 270 International Relations . . . . . 3.0  
 PSYCH 235 Psychology of Gender Roles . . . . . 3.0  
 PSYCH 240 Abnormal Psychology . . . . . 3.0  
 SOCI 103 Intimate Relationships and Families . . . . . 3.0  
 SOCI 105 Multiculturalism in the United States . . . . . 3.0  
 SOCI 150 Introduction to Criminology . . . . . 3.0  
 SOCI 200 Introduction to Women's Studies . . 3.0  
 ECON 201 Macroeconomics . . . . . 3.0

OR

ECON 201H Macroeconomics – Honors . . . . . 3.0

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SOCIOLOGY

(DELETE CERTIFICATES)

**CERTIFICATE OF SPECIALIZATION: SOCIOLOGY**

**CERTIFICATE OF SPECIALIZATION: CRIME, DEVIANCE & SOCIAL CONTROL**

**CERTIFICATE OF SPECIALIZATION: LIFE & LONGEVITY**

**CERTIFICATE OF SPECIALIZATION: RACE, GENDER & MULTICULTURALISM**

PAGE 200

(REVISED TITLE, CATALOG DESCRIPTION)

**SOCI 102 INTRODUCTION TO SOCIOLOGICAL RESEARCH METHODS**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum  
 Introduces scientific methods used in contemporary sociological research with focus on ethics, quantitative and qualitative research design, data collection, and data analysis.

(REVISED CATALOG DESCRIPTION)

**SOCI 105 MULTICULTURALISM IN THE UNITED STATES**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum  
 Explores several levels of cultural diversity in the context of a complex, modern society, while providing the skills to understand and live in an increasingly multicultural United States society

**PAGE 201**

(REVISED CATALOG DESCRIPTION)

**SOCI 210 SOCIOLOGY OF DEVIANCE, CRIME AND SOCIAL CONTROL**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

Provides a sociological explanation of deviance, crime, and social control found within the United States, including the societal norms, values, and beliefs that influence socially constructed definitions of deviant behavior.

**PAGE 205****THEATRE**

(REVISED DEGREE)

**Associate in Arts Degree: Theatre Performance**

Units required for major: 26

THEATR 060	The Business of Acting . . . . .	.2.0
THEATR 061	Auditioning for Stage, Film and Television . . . . .	.2.0
THEATR 110	Understanding Theatre . . . . .	.3.0
THEATR 140	Acting Fundamentals . . . . .	.3.0
THEATR 141	Scene Performance . . . . .	.4.0
THEATR 241	Movement for the Performer . . . . .	.3.0
THEATR 242	Voice for the Performer . . . . .	.3.0

*Plus four units from the following:*

THEATR 190	Theatre Production . . . . .	.1.0 - 4.0
THEATR 190A	New Plays Workshop and Production . . . . .	.1.0 - 4.0
THEATR 190C	Theatre Production - Comedy . . . . .	.1.0 - 4.0
THEATR 190D	Theatre Production - Drama . . . . .	.1.0 - 4.0

*Plus three units from the following:*

THEATR 120	Stagecraft . . . . .	.3.0
THEATR 130	Costume Crafts . . . . .	.3.0

*Recommended electives:*

THEATR 126	Improvisation . . . . .	.1.0
THEATR 144	Acting for the Camera . . . . .	.3.0
THEATR 192	Theatre for Young Audiences . . . . .	.2.0 - 3.0
THEATR 240	Acting Shakespeare . . . . .	.3.0

(REVISED TOTAL UNITS)

**THEATR 060 THE BUSINESS OF ACTING**

Units: 2.00 36.0 hours lecture maximum

Provides an introduction to acting as a business and becoming a working professional in the entertainment industry. Topics include: pictures, resumes, new technologies, agents, unions, interviewing, auditioning and marketing.

(ADD)

**THEATR 100 THEATRE APPRECIATION**

Units: 3.00 - UC:CSU 54.0 hours lecture maximum

Surveys theatre by exploring the creation and presentation of theatrical performances. Students are required to attend on-campus and regional live performances.

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(ADD)

**THEATR 170 INTRODUCTION TO STAGE MANAGEMENT**

Units: 3.00 - CSU 54.0 hours lecture maximum

Recommended Preparation: THEATR-110

Explores basic stage managerial skills for organizing, preparing, and fulfilling theatrical productions from inception through rehearsal and performance.

(ADD)

**THEATR 190C THEATRE PRODUCTION - COMEDY**

Units: 1.00-4.00 - CSU 9.0 – 36.0 hours lecture maximum, 27.0 – 108.0 hours lab maximum

Explores a comedic play through lecture, rehearsals and performance, developing physical and vocal technique for comic delivery, including textual analysis, historical research, connecting text to comedic action, culminating in public performances. May be taken four times for credit.

(ADD)

**THEATR 190D THEATRE PRODUCTION - DRAMA**

Units: 1.00-4.00 - CSU 9.0 – 36.0 hours lecture maximum, 27.0 – 108.0 hours lab maximum

Explores a dramatic play through lecture, rehearsals, and performance including textual analysis, historical research, connecting text to dramatic action, culminating in public performances. May be taken four times for credit.

(DELETE)

**THEATR 194 READER'S THEATRE WORKSHOP****PAGE 207**

(REVISED CATALOG DESCRIPTION)

**THEATR 240 ACTING SHAKESPEARE**

Units: 3.00 - UC:CSU 36.0 hours lecture maximum, 54.0 hours lab maximum

*Prerequisite: THEATR-140.*

Explores Shakespeare's plays and poetry from a performance perspective, through research, exercises, monologues and scene study. May be taken three times for credit.

## WATER SYSTEMS TECHNOLOGY

(ADD)

### Certificate of Achievement: Water Systems Technology

Units required for Certificate: 21

WATER 030	Waterworks Mathematics . . . . .	3.0
WATER 031	Advanced Waterworks Mathematics . . . . .	3.0
WATER 040	Water Distribution Operator I . . . . .	3.0
WATER 041	Water Distribution Operator II . . . . .	3.0
WATER 050	Water Treatment Plant Operation Processes I . . . . .	3.0
WATER 051	Water Treatment Chemistry . . . . .	3.0
WATER 052	Water Treatment Plant Operation Processes II . . . . .	3.0
<i>Recommended electives:</i>		
WATER 060	Wastewater Treatment and Disposal I . . . . .	3.0
WATER 061	Wastewater Treatment and Disposal II . . . . .	3.0
WATER 062	Wastewater Treatment and Disposal III . . . . .	3.0
WATER 098	Special Topics in Water Technology . . . . .	0.5 - 3.0

## COMMUNITY AND CONTINUING EDUCATION

### NONCREDIT CLASSES

#### COLLEGE SUCCESS SKILLS (BASIC SKILLS)

(DELETE)

#### NC.BCSK AP PRE-ADVANCED PLACEMENT SEMINAR

(ADD)

#### NC.BCSK AP HSD PRE-ADVANCED PLACEMENT SEMINAR

Units: 0.00 3.76 hours lecture weekly

Elective toward the high school diploma: Designed to help students prepare/enhance learning skills to succeed in Advanced Placement courses at the high school level. Provides background in concepts of the College Board to help students with study skills, note taking, research paper writing, essay and Document Based Question writing.

(ADD)

#### NC.BCSK-50 TEST TAKING SKILLS

Addresses the skills necessary to become a successful test-taker, including test anxiety, test types, study tips, time management, and academic integrity. This course may be offered open entry/open exit.

(ADD)

#### NC.BCSK 090 CAHSEE PREPARATION

Provides English and Math instruction targeting California High School Exit Exam (CAHSEE) competencies for students who have not yet passed either the mathematics or the English portions of the exam. This course may be offered open entry/open exit.

(REVISED CATALOG DESCRIPTION)

#### NC.BCSK 100 GED PREPARATION

The GED Preparation course is designed to prepare students to pass the five sections of the General Educational Development test: Reading, Writing I and II (essay) Science, Social Studies and Mathematics. Students should have basic computer literacy to utilize GED tutorial software. This course may be offered open entry/open exit.

(DELETE)

**NC.BCSK H14 PHYSICS**

(ADD)

**NC.BCSK H14 HSD PHYSICS**

Elective toward the high school diploma: This course is designed to meet the need of college preparatory students. Topics include forces, work, motion, energy, relativity, and matter. One of the basic unifying themes of this program is that science is inquiry. Extensive time is spent in the laboratory. Open-ended experiments help the student develop a critical and creative attitude toward inquiry. The student is given the opportunity to learn proper laboratory procedures, scientific processes, analysis of data, effects of new discoveries, and the use of some sophisticated equipment and techniques.

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(ADD)

**NC.BCSK SBC SUMMER BRIDGE COUNSELING**

*Co-requisite: NC.BCSK-SBE and NC.BCSK-SBM*

Develops college success skill through discussion of college procedures, student rights, learning skills and study skills, including close collaboration with co-requisite English and mathematics courses to help ensure application of skills to materials covered in those subjects.

(ADD)

**NC.BCSK SBE SUMMER BRIDGE ENGLISH**

*Prerequisite: ENGL-071 or placement into ENGL-081 as determined by the COC English assessment process.*

*Co-requisite: NC.BCSK-SBC and NC.BCSK-SBM*

Designed to facilitate the transition of students from high school or other pre-collegiate education into an academically successful and well-balanced college lifestyle, this course will focus on the fundamentals of composing source-based paragraphs for students who need a review of intermediate English topics before entering introductory college English.

(ADD)

**NC.BCSK SBM SUMMER BRIDGE MATH**

*Prerequisite: MATH-025 or MATH-026 or placement as determined by the COC math assessment process. Co-requisite: NC.BCSK-SBC and NC.BCSK-SBE*

Designed to facilitate the transition of students from high school into an academically successful and well-balanced college lifestyle, this course focuses on the fundamental concepts of pre-algebra for those who need a review of topics before entering elementary algebra.

**PAGE 219****EMERITUS COLLEGE**

(ADD)

**NC.OAD HLTH8 A MATTER OF BALANCE**

Reduces the fear of falling and increases appropriate activity levels to empower older adult students. Participants learn to set realistic goals, increase activity, change their environment to reduce fall risk factors, and learn simple exercises to increase strength and balance. This course may be offered open entry/open exit.

(ADD)

**NC.OAD HLTH9 HEALTHIER LIVING: MANAGING ONGOING HEALTH CONDITIONS FOR THE OLDER ADULT**

Provides older adults with effective strategies and skills to practice good nutrition and a regular fitness program to assist in managing personal health conditions and to maintain an active and fulfilling life. This course may be offered open entry/open exit.

**PAGE 222****HEALTH AND SAFETY EDUCATION**

(ADD)

**NC.HLSF 10 STRESS MANAGEMENT**

Examines both physiological and psychological stress and their effects on health and well-being. Stress management techniques will be discussed and practiced. This course may be offered open entry/open exit.