ACCOUNTING

ACCOUNTING G100 - 3 Units
Accounting for Small Business
(Formerly known as: Accounting Elements)
This is a beginning course in practical accounting as applied to merchandising firms, professional individuals and to personal service operations. Students become familiar with practical accounting procedures by completing weekly assignments based on lectures and text readings. Some problems will be solved using computer applications. Lecture. Letter grade only. Transferable to CSU.

ACCOUNTING G101 - 4 Units
Financial Accounting
Advisories: Accounting G100
This course explores the importance of corporate financial accounting and how it is used by investors and creditors to make decisions. It covers the accounting information system, recording and reporting of business transactions, application of generally accepted accounting principles, classified financial statements, and statement analysis. The course includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls and ethics. Some homework problems will be solved using computer applications. Lecture. Letter grade only. Transferable to CSU; UC.

ACCOUNTING G102 - 4 Units
Managerial Accounting
Prerequisites: Accounting G101
This course is the second semester continuation of Acct G101: Financial Accounting. This course provides an advanced study of accounting information, including financial accounting information, used by managers in planning, directing, and controlling operations and in making decisions. The course provides an introduction to cost concepts and terms, cost behavior, cost structure, and cost-volume-profit analysis. The course examines profit planning and budgeting, capital budgeting, responsibility accounting, capital budgeting, decision making, and other management related topics. Some problems will be solved using computer software applications. Lecture. Letter grade only. Transferable to CSU; UC.

ACCOUNTING G110 - 3 Units
Payroll Accounting and Taxation
This course will present a review of the underlying theory and application of various state and federal payroll taxes. Payroll preparation, payroll forms, and recent payroll legislation are covered in detail. Lecture. Letter grade only. Transferable to CSU.

ACCOUNTING G111 - 3 Units
Income Tax - Federal
A review of the theory and application of federal income tax regulations. The course explains the preparation of federal personal income tax returns with minor emphasis on individual returns. Actual forms are used when appropriate. Lecture. Optional pass/no pass grade. Transferable to CSU.

ACCOUNTING G113 - 3 Units
Business Income Tax
Advisories: Accounting G111
Study of Federal Income Tax as it relates to small businesses, including recent and proposed tax changes. Lecture. Optional pass/no pass grade. Transferable to CSU. May not be offered each semester.

ACCOUNTING G115 - 3 Units
Issues in Taxation I--EA and CPA Exam Preparation
This course covers theory & application utilizing Internal Revenue Service income tax publications. Topics will include Basis, Property Transactions, Contributions to a Partnership, Partnership Inside & Outside Basis, Corporate Formation, Corporate Liquidations and Redemptions, and Capital Gains & Losses. Knowledge of generally accepted accounting principles is strongly encouraged. This course is designed to meet the requirements of the Enrolled Agent Tax Specialist Certificate and review for CPA certification. Lecture. Optional pass/no pass grade. Transferable to CSU.

ACCOUNTING G117 - 3 Units
Issues in Taxation II--EA and CPA Exam Preparation
A basic course designed to cover theory and application of selected chapters of Internal Revenue Service income tax publications with special emphasis on Circular No. 230. Course includes the following topics: Practice Before the IRS; Income Tax Preparers and Penalties; Representation; Individual Retirement Arrangements; Gross Estate Allowable Deductions Under Estate Tax (including Expenses, Indebtedness, and Taxes; Deductions for Losses, Charitable Deduction, Marital Deduction); Taxable Gifts; Deductions; Valuation; Computation of Tax; in depth discussion of Circular No. 230. An understanding of the generally accepted accounting principles and/or tax preparation experience is strongly encouraged. This course is designed to meet the requirements of the Enrolled Agent Tax Specialist Certificate. Lecture. Optional pass/no pass grade. Transferable to CSU.

ACCOUNTING G119 - 1 Unit
Tax Software Preparation
A basic tax preparation course utilizing Turbo Tax (or similar) software. Topics will include understanding the flow of input to output in tax software; preparation of basic to complex 1040 tax returns; understanding how to access and use the ancillary software features; very basic programming logic; accessing software updates via Internet patches. While TurboTax software will be utilized the student will learn issues and topics generic to all commercial brands of tax software. Lecture. Optional pass/no pass grade. Transferable to CSU.

ACCOUNTING G130 - 3 Units
Computerized Accounting
This course uses a computerized financial accounting system integrated with Excel to prepare and analyze financial documents. Emphasis will be placed on the accounting cycles of service and merchandising types of businesses. Subjects include journals, budgets, accounts payable and receivable, purchasing, and payroll. Lecture & lab. Letter grade only. Transferable to CSU.

ACCOUNTING G210 - 3 Units
Cost Accounting
A study of accounting concepts and principles as they apply to the needs of business. The course includes the determination of costs for manufacturing firms, the study of job-order and process cost accounting, the analysis of costs and decision making. Lecture. Letter grade only. Transferable to CSU. May not be offered each semester.

ACCOUNTING G211 - 4 Units
Intermediate Accounting A
Prerequisites: Accounting G101
This course in financial accounting expands on topics introduced in earlier financial accounting courses such as cash, receivables, inventory, long-term assets, etc. Additional topics in the accounting conceptual framework, current financial reporting issues, investments, and revenue recognition principles are also covered. Students will be expected to demonstrate problems using an online homework system. May be used as credit to sit for the Uniform CPA examination. Lecture. Optional pass/no pass grade. Transferable to CSU.
ACCOUNTING G212 - 4 Units
Intermediate Accounting B
Prerequisites: Accounting G211
Second course in intermediate series in financial accounting that covers current and long-term liabilities, income taxes, pensions and post-retirement benefits, leases, stockholders' equity, earnings per share, and statement of cash flows. In addition, changes and/or in accounting methods, accounting estimates, or reporting entity are analyzed. Disclosure issues in financial statements are also addressed. Students will be expected to complete problems using an online homework system. May be used as credit to sit for the Uniform CPA examination. Lecture. Optional pass/no pass grade. Transferable to CSU.

ACCOUNTING G215 - 3 Units
Internal Control Compliance: Sarbanes Oxley
Advisories: Accounting G101
This course provides an introductory study of the Sarbanes Oxley Act of 2002 and its implementation. Course will include the purposes of internal controls and their documentation and maintenance. Emphasis is on the important accounting cycles impacting the financial data such as revenue cycle, expenditure cycle, capital cycle, etc. Designed as preparation for upper division audit courses or to participate in public sector compliance effort. Lecture. Optional pass/no pass grade. Transferable to CSU.

ACCOUNTING G220 - 3 Units
Forensic Accounting, Introduction
(Same as: Criminal Justice G220)
This course provides an introduction to the fundamentals and techniques of investigative and forensics accounting. The development of forensic accounting as a discipline and its interaction with business, law, auditing and information systems will be explored. Subjects include financial statement and tax fraud, divorce and bankruptcy, identity theft and various white-collar crimes. Forensic principles necessary to detect, prevent and prosecute financial crimes will be explored. Lecture. Optional pass/no pass grade. Transferable to CSU.

ACCOUNTING G235 - 3 Units
Quickbooks Pro for Accountants
Advisories: Accounting G100 and/or Accounting G101
Quickbooks Pro for Accountants is designed to teach accountants and entrepreneurs to use a professional product to develop an integrated accounting system for financial and managerial decision making as well as programs for receivables, payables, job cost estimates, and tax considerations. This course will assist accountants and entrepreneurs in making tactical and strategic decisions. Lecture. Optional pass/no pass grade. Transferable to CSU.

ANTHROPOLOGY G136 - 3 Units
Ancient Civilizations of Mesoamerica and the Southwest
(Same as: History G136)
This course is a study of the prehistory and cultural evolution of the civilizations which originated in Mesoamerica, including the Olmecs, Aztecs, Toltecs, Maya, and Zapotec, as well as the Pueblos of the Southwestern U.S. Topics include the origins of food production and of the state, political and social history, ancient cities, and the Spanish conquest. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

ANTHROPOLOGY G140 - 3 Units
Magic, Witchcraft, and Religion
This course is a cross-cultural study of systems of magic, witchcraft and religion from the past and the present. Emphasis will be placed on the practical influences of social life, human biological and psychological needs, and the environment. Special topics include myth, religious healing, witchcraft and sorcery, Shamanic practice, magic, ritualism, symbolism, and their influences on contemporary religious practices. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

ANTHROPOLOGY G150 - 3 Units
Indians of North America
An examination of native American Indian cultures and their environments. The class will examine the major culture areas of Native North America in an attempt to analyze the mechanisms and causation of culture change and adaptation. The class will review the subsistence, religion, art, social organization and environment of specific case studies and relate the data to theoretical models. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

ANTHROPOLOGY G185 - 3 Units
Physical Anthropology
(Formerly known as: ANTH G120 Introduction to Physical Anthr)
This is an introductory course in the concepts, methods of inquiry and theory of biological evolution and their application to the human species. Specific focus is on molecular, Mendelian and population genetics, mechanisms of evolution of hominids and non-human primates, pale anthropology, bicultural adaptations, human variation and current bioethical issues. The philosophy of science and the scientific method serve as foundations to the course. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

ANTHROPOLOGY G185L - 1 Unit
Physical Anthropology Lab
(Formerly known as: Introduction to Physical Anthropology Lab, ANTH G121)
Prerequisites: Anthropology G185
An introductory laboratory course in which scientific methodology is taught and used to explore/experiment with topics found in introductory physical anthropology and primate evolution courses. Laboratory exercises include the observation and interpretation of: natural selection and evolution; Mendelian, molecular and population genetics; non-human primate taxonomy and behavior; fossil evidence of hominid evolution; forensic anthropology; and human physical variation. Lab. Optional pass/no pass grade. Transferable to CSU; UC.
ARCHITECTURAL TECHNOLOGY

ARCHITECTURAL TECHNOLOGY G160 - 3 Units
Introduction to Computer-Assisted Drafting for Architecture (AUTO-CAD)
Advisories: Architecture G100 or G140
An introductory course in computer assisted drafting for architecture. A study of the organization, components, and concepts of CAD and its applications in the architectural profession. Includes use of AutoCAD software for architectural drafting and design drawings. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

ARCHITECTURAL TECHNOLOGY G162 - 3 Units
3D CAD For Architecture
Advisories: Architecture Technology G160 or equivalent experience.
Using 3D Architectural Computer Aided Drafting (CAD) industry standard software, this course is an introduction to the design, digital modeling and rendering of architectural project solutions. Course experiences in lecture and lab will include the development and plotting of selected 3D architectural conceptual modeling from CAD files or project design documents. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

ART

ART G082 - 2 Units
Basic Airbrush
(Same as: Drafting G082)
This course introduces basic airbrush art techniques currently used in technical illustration, architectural rendering, graphic arts, photography and specialty auto painting. Airbrushes are provided along with instruction in care and maintenance of equipment. Lecture & lab. Optional pass/no pass grade.

ART G084 - 2 Units
Advanced Airbrush
(Same as: Drafting G084)
Students will receive instruction in airbrush techniques, exploration opportunities in using airbrush to solve various art problems relating to technical illustration and architectural technology, photography, graphic arts and specialty auto painting. Lecture & lab. Optional pass/no pass grade.

ART G100 - 3 Units
Introduction to Art
(Same as: Humanities G102)
An introductory course for both the general interest and art major student. A survey of the nature and role of the visual arts in society. Art theory, art practices and an overview of art history will be covered. The medias of art will also be explored. Field trips are required. Field trips required. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

ART G101 - 2 Units
Business of Art
(Same as: Digital Arts G101)
An exploration of various career opportunities in the visual arts concerning current employment conditions. Learn how to make career choices in a variety of specific interest areas. The general career tracks studied are advertising, graphic design, photography, fine arts, and computer graphics. There will also be specific information on how to run an art business, both as a consultant or as an employee. In class lectures on time management, billing techniques, proposal preparation, interviewing procedures, project and tax records, portfolio assembling, self promotional activities, and other art business practices will be presented. This is a necessary class to complete the other side of an art career, the business side. Lecture. Optional pass/no pass grade. Transferable to CSU.

ART G102 - 1.5 Units
Art Museum and Gallery Field Studies
(Same as: Humanities G116)
Weekly lectures and field trips to art museums, galleries, and current traveling art exhibitions in Southern California. Critical viewing of original art with emphasis on historical and stylistic context. Group discussions of art reviews and selected text. All transportation provided. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

ART G103 - 3 Units
History of Asian Art
This course serves as a comprehensive introduction to the art traditions of India, Southeast Asia, China, Korea, and Japan. The historical development of the arts is examined within their broader cultural context. Lecture. Optional pass/no pass grade. Transferable to CSU.

ART G104 - 3 Units
Contemporary Art History
(Formerly known as: History of Modern Art)
(Same as: Humanities G114)
A survey of the history of modern art, beginning at 1900 and concluding with contemporary art of today. Painting, sculpture, printmaking, architecture, photography, video, and ceramics are studied as an integral part of cultural patterns and developments in twentieth century art. The course will include illustrated lectures, readings, and field trips to current exhibitions. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

ART G105 - 3 Units
Art History and Appreciation 1 - Prehistoric to Renaissance
(Formerly known as: History and Appreciation of Art)
(Same as: Humanities G100)
This is a survey of prehistoric art to the Renaissance period, stressing the basic principles and history of art demonstrated in painting, sculpture, and architecture. Illustrated lectures, readings, and museum reports are included in the course. UC Credit Limitations: Maximum credit of one course for Art 105 and Art 105H. Lecture. Optional pass/no pass grade. UC Credit Limitations: Maximum credit of one course for Art 105 and Art 105H. Transferable to CSU; UC.

ART G105 HONORS - 3 Units
Art History and Appreciation 1 - Prehistoric to Renaissance Honors
(Formerly known as: Art History and Appreciation 1, Honors)
(Same as: Humanities G100 Honors)
The focus of this course is a survey of art, beginning with Prehistoric art and concluding with Gothic art. We will study painting, sculpture and architecture as an integral part of cultural patterns and development. Slide accompanied lectures, reading and written assignments are included in this course. Study assignments involve visits to major art museums and current exhibitions. The honors course intensifies the focus on research, exploration and critical thinking. Most enhancements to the regular Art G105/ Humanities G100 are qualitative rather than quantitative. While there is additional reading and writing, the intensified focus on critical thinking holds students to a higher standard: all their oral and written work must manifest a commitment to, and a capacity for, academic excellence. UC Credit Limitations: Maximum credit of one course for Art 105 and Art 105H. Lecture. Letter grade only. UC Credit Limitations: Maximum credit of one course for Art 105 and Art 105H. Transferable to CSU; UC.
ART G106 - 3 Units  
**Art History and Appreciation 2 - Renaissance to Present**  
(Formerly known as: Art History and Appreciation 2)  
(Same as: Humanities G110)  
This is a survey of the history of art beginning with the Italian Renaissance and concluding with modern art. We will study painting, sculpture, and architecture as an integral part of cultural patterns and development. Illustrated lectures, reading and field trips to current exhibitions. Study assignments involve at least one visit to a major art museum. UC Credit Limitations: Maximum credit of one course for Art 106 and Art 106H. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

ART G106 HONORS - 3 Units  
**Art History And Appreciation 2 - Renaissance to Present, Honors**  
(Formerly known as: Art History And Appreciation 2, Honors)  
(Same as: Humanities G110 Honors)  
This course is a survey of the history of art, beginning with the Italian Renaissance and concluding with modern art. We will study painting, sculpture, and architecture as an integral part of cultural patterns and development. Illustrated lectures, reading and field trips to current exhibitions are included in the course. Study assignments involve at least two visits to major art museums. The Honors course intensifies the focus on research, exploration and critical thinking. Most enhancements to the regular Art G106/Humanities G110 are qualitative rather than quantitative. While there is additional reading and writing, the intensified focus on critical thinking holds students to a higher standard: all their oral and written work must manifest a commitment to, and a capacity for, academic excellence. UC Credit Limitations: Maximum credit of one course for Art 106 and Art 106H. Lecture. Letter grade only. UC Credit Limitations: Maximum credit of one course for Art 106 and Art 106H. Transferable to CSU; UC.

ART G107 - 3 Units  
**Color and Design: 2D**  
(Formerly known as: Two Dimensional Design)  
A basic course in the application and appreciation of the art principles and art elements as they relate to two dimensional design. Selected problems using line, color, shape, value, and texture. Required for art majors. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G109 - 3 Units  
**Color and Design: 3D**  
(Formerly known as: Three Dimensional Design)  
A basic course in three dimensional design developing knowledges, skills, appreciation and aesthetic judgment. A series of problems shall necessitate the exploration and comprehension of the visual elements and principles. Required of art majors. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G115 - 3 Units  
**Typography**  
(Formerly known as: Digital Arts G115)  
Advisories: Digital Arts G135  
This course is an introduction to the history of the evolution and application of typography and its many applications for the perception of meaning, intention and personality of the written word. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

ART G116 - 3 Units  
**Drawing 1**  
Beginning drawing of natural and man-made forms from observation and imagination. Experimentation with media processes and composition. Required of art majors. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G117 - 3 Units  
**Drawing 2**  
A continuing of drawing skills and techniques begun in Art G116. Emphasis on developing the student’s own style and interest. Projects will be related to the individual student’s needs as much as possible. More time is allotted for drawing on location and experimentation with various media. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G118 - 3 Units  
**Life Drawing 1**  
Figure drawing from male and female models. Study of volumes, perspective, and composition of the human form. Field trips and criticism. Required of art majors. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G119 - 3 Units  
**Life Drawing 2**  
Continuing observation and drawing of the human form to help create broader revelations and attitudes concerning drawing and the self. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G120 - 2 Units  
**Rendering I**  
(Former as: Digital Arts G120)  
A study in the use of pencil or ink drawings to evolve proposed sketches into completed renderings. These renderings are the basis for client approval or project clarification. The work is done as representational art to solve graphic visual needs in preparation for the final camera ready illustration. The class explores line art techniques, layout and composition, and useful art materials. Drawing skills are practiced in a variety of general studies and selected subjects. Class assignments are given on class handouts to include all reference material and suggested line art techniques. This class is required of all design majors and recommended for all art majors. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

ART G121 - 3 Units  
**Ceramics 1**  
This is an introductory ceramics course in which students learn basic design, creative development, hand-building, throwing, glaze techniques, firing and ceramic terminology. The course covers aesthetics and creative development of clay objects examining historical and personal modes of expression. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G122 - 3 Units  
**Ceramics 2**  
Advisories: Art G121, Ceramics 1  
This is an intermediate level ceramics course following Art G121. The principles of ceramic materials, techniques, and design of hand-built and thrown work will be emphasized along with the introduction of mold making, glaze making and kiln loading. Specific aesthetic and technical criteria of ceramic design including historical applications will be emphasized. Mold making, glaze making and kiln loading will also be introduced. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G125 - 2 Units  
**Introduction to Drawing and Painting**  
A course for the non-art major. This course offers both a survey and introduction to the basic skills, theory and mediums of drawing and painting. The class will use pencil, charcoal and conte as well as painting media. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.
ART G130 - 1.5-3 Units

Painting 1
A basic study in the fundamentals of composition and painting techniques using a variety of painting media and materials (acrylics, oils). Emphasis on development of painting skills and appreciation through painting experience, library reference, demonstration and lecture. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G131 - 3 Units

Painting 2
Advanced course with emphasis on creative and interpretive expression. Development and exploration of painting skills related to 20th century painting. Painting media will include oils and acrylics. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G132 - 3 Units

Watercolor 1
Advisories: Art G116
A course in developing skills and creative application of transparent watercolor techniques and methods using a variety of subject matter. Paintings will be done in the studio and on location. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G133 - 1 Unit

Watercolor Workshop
A short course concentrating on developing skills and techniques in transparent watercolor. Emphasis is on methods of wet-into-wet, dry brush, wash and glaze, calligraphy, textures and experimentation. Subject matter includes still life, abstraction, figure, but mainly landscapes. This course may be taken 3 times. Lecture & lab. Optional pass/no pass grade. An eight week course. Transferable to CSU; UC.

ART G134 - 3 Units

Watercolor 2
Advisories: Art G132
Course in continuing to develop skills using transparent watercolor media. Emphasis is on application of basic techniques and methods in more complex projects. Paintings will be done in the studio and on location using a variety of subject matter including multi-cultural. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G140 - 3 Units

Life Painting 1
This is a beginning course in figure paintings. Emphasis will vary from a portrait approach to nude studies. A thorough explanation of color theory and painting methods will be given. Mediums include oils and acrylics. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G141 - 3 Units

Life Sculpture
Exploration of sculptural materials and concepts, with instruction in techniques of direct molding, and build up techniques. Figurative source for sculpturing. Clay must be furnished by student, purchased from GWC Bookstore. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G142 - 3 Units

Sculpture 1
Exploration of a variety of sculptural materials—experiences with aggregate materials (plaster, soft stone carving) and clay. Class stresses Twentieth Century abstract art concepts. Students will supply all materials and will be responsible for attending field trips. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G143 - 3 Units

Sculpture 2
Exploration of a variety of sculptural materials experiences with plaster and cement, clay. Class stresses Twentieth Century abstract art concepts. Students will supply all materials and will be responsible for attending field trips. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G144 - 2 Units

Introduction to Mixed Media
Exploration in wood, clay, metal, leather and related craft materials. The course explores craft techniques as well as how to plan a good design for various crafts that are skillfully made and express the individual's creativeness. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

ART G150 - 3 Units

Printmaking 1
An exploratory course designed to introduce and give studio experience in etching, relief and lithography printmaking. This course will include etching, aquatinting, photo etching, woodcuts, linocuts, stone and metal plate lithography printmaking, and multi-color printmaking. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G152 - 3 Units

Silkscreen Printmaking
An exploratory course designed to introduce and give studio experience in lithography and silkscreen printmaking. This course will include stone and plate lithography, basic silkscreen printing and photo silkscreen, and multi-color printmaking. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G154 - 2 Units

Printmaking Workshop
A course in a variety of experimental printmaking techniques: monoprintmaking, collagaphs, photo printmaking, embossing, relief and others. The course also offers the student with some background in printmaking the option of concentrating in one or two areas of printmaking. This course may be taken 3 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G160 - 3 Units

Jewelry 1
This course will present an exploration and examination of design, materials, and processes as they apply to jewelry. Metal fabrication and casting will be explored, in addition to non-metal materials. Lecture, lab, demonstration. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

ART G161 - 3 Units

Jewelry 2
(Formerly known as: Jewelry & Metal Design II)
Prerequisites: Art G160
This course will present an exploration of design, materials, and processes that apply to jewelry and metal at an intermediate level. Metal fabrication at an intermediate will be explored. Lecture, lab, demonstration, and research. This course may be taken four times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.
ART 6171 - 2 Units
Advanced Graphic Design
Advanced exploration of visual problem solving in commercial art. Emphasis on conceptual planning and presentation techniques using the computer for actual production. Assignments are based on portfolio preparation and student career goals. Class taught in the Mac computer lab using a variety of software. Required of all graphic design majors. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

ART 6173 - 2 Units
3D Graphics Production
Introduction to the preparation of graphic arts for television. Emphasis upon planning and requesting of graphic needs by the producer and the design and production of graphics. Course covers on-air graphics, computer graphic concepts, set design, special effects, animation concepts, and development of promotional materials. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

ART 6175 - 2 Units
Cartooning
(Same as: Digital Arts G175)
A study of cartoon illustration and all its uses in the commercial art field. From print advertising and editorial art, through film or computer animation, this course emphasizes the development of characters and the creation of personalities. There is, in this course, a review and practice of basic drawing techniques to create human, animal or object cartoons. There is also a series of projects in a variety of cartoon illustration outlets such as greeting cards, book illustrations, story boards, game layouts, packaging, etc. Along with the work with humorous, exaggerated, or satirical drawings, this class will also explore computer animation, special effects and multimedia applications. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

ART 6187 - 1 Unit
Sketching
A studio course to develop skills in sketching and composition. The class will meet on location and in the studio. A variety of media will be used in learning composition, perspective, value, and light as they relate to the environment. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

ART G221 - 3 Units
Ceramics 3
Advisories: Art G122
This course is a continuation of Art G122 involving further development of ceramic building techniques. Historical and contemporary works will be emphasized. The student will also learn to safely and efficiently calculate a glaze. The safe preparation and use of electric and gas kilns will be covered. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

ART G620 - 0 Units
So Cal Art Museum and Gallery Studies
This course is designed to expose older adults to eight weeks of lectures and field trips to study art museums, historical sites and monuments using Southern California as the urban laboratory. Follow-up discussions will provide social interaction with other students in their age group. Contributing to life-long learning, the course will enable older students in different stages of life to understand, appreciate, and evaluate art museums and their exhibitions. Lecture & lab. No credit. Not transferable, not degree applicable.

ASTRONOMY

ASTRONOMY G100 - 3 Units
Introduction to Astronomy
An introduction to the models and nomenclature of modern Astronomy. This includes the solar system, the Milky Way, and the universe. The historical perspective is emphasized. A survey of the methods of astronomical observation is also presented. Lecture. Letter grade only. Transferable to CSU; UC.

AUTOMOTIVE TECHNOLOGY

AUTOMOTIVE TECHNOLOGY G604 - 0.5 Units
BAR 2005 Update Training Course
This course is designed to update currently licensed Smog Check Technicians, and is a prerequisite to renewing a Smog Check Technician license effective January 1, 2005. The course will cover current automotive diagnostic procedures, and Bureau of Automotive Repair (BAR) procedures that affect the inspection, diagnosis, and repair of vehicles subject to the Smog Check Inspection and Maintenance program. Lecture & lab. Optional pass/no pass grade.

AUTOMOTIVE TECHNOLOGY G609 - 0.5 Units
BAR Smog Check Program Update 2003
Smog check technicians with licenses that expire after January 1, 2003 are not required to take a smog check examination to renew their smog license. To renew the smog license, technicians are required to successfully complete this Smog Check Program Update 2003 training course. This course is designed to discuss new material added to the Smog Check Inspection Manual and to address some of the common misunderstandings technicians have regarding the smog inspection program. Lecture. Pass/no pass only. This is a one week course.

AUTOMOTIVE TECHNOLOGY G610 - 3 Units
Introduction to Automotive Technology
This course is designed to teach the student about the operation and maintenance of modern automobiles. There is an emphasis on the theory of the basic operating systems, including engine, electrical, chassis, and driveline systems. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G6110 - 5 Units
Engine Repair
This is a course of study designed to provide the student with the theory, knowledge and skills necessary to perform minor and major service on late model passenger car gasoline powered engines. Instruction is given and practice provided in engine diagnosis, removal, disassembly, inspection, assembly and installation techniques. Information presented prepares students for the Automotive Service Excellence (ASE) A-1 Engine Repair, M-1 Cylinder Head Specialist, M-2 Block Specialist, and M-3 Assembly Specialist Certification Examination. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.
AUTOMOTIVE TECHNOLOGY G120 - 5 Units
Electrical/Electronic Systems, Introductory
This is a course of study designed to provide the student with theory and practice with electrical/electronic terms, electrical circuit concepts, electrical wiring diagram interpretation, and diagnosis of the starting, charging and accessory circuits used by automotive repair technicians. Lecture and laboratory presented in class will prepare students for the Automotive Service Excellence (ASE) A-6 Electrical/Electronics Systems Certification Examination. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G121 - 5 Units
Electrical/Electronic Systems, Advanced
Advisories: Auto G101
This is a course of study designed to provide the student with advanced theory and experiments in electrical circuit concepts, failure diagnosis and repair techniques used by the automotive repair technician. Classroom and lab experiments are provided on how to use electrical wiring diagrams and component locators. Information presented prepares students for the Automotive Service Excellence (ASE) A-6 Electrical/Electronics Systems Certification Examination. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G130 - 4.5 Units
Engine Performance: Basic Theory/Diagnosis
Advisories: Automotive Technology G110, G120, G121 or successful completion of challenge examination.
This is an introductory, comprehensive course of study covering theory of diagnosis, service, and repair of the following systems as they relate to engine performance: engine (mechanical), basic electronics, ignition, fuel injected and electronic carburetor, emission control and exhaust. Basic step by step diagnostic techniques will be stressed using test instruments and equipment presently used by industry technicians. Information presented is based on the Automotive Service Excellence (ASE) A-8, Engine Performance Tasks and Standards to prepare students for the ASE Certification Examination. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G131 - 4.5 Units
Engine Performance, Advanced
Advisories: Automotive Technology G130
This is a comprehensive course of study covering advanced theory and diagnosis of the following areas: diagnosis processes, computer diagnostic code retrieval, advanced driveability, advanced fuel systems, emission controls, engine condition and system-based areas. Step by step advanced diagnostic techniques will be stressed using test instruments and equipment currently used by industry technicians. Information presented is based on the Automotive Service Excellence (ASE) L-1, Advanced Engine Performance Specialist Tasks and Standards to prepare students for the ASE Certification Examination. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G140 - 5 Units
Automotive Chassis: Brakes
This course provides students with theoretical study and lab experience in the diagnosis and repair of automotive disc- and drum-brake systems, antilock-braking systems and related components. Presented information prepares students for the Automotive Service Excellence (ASE) Brakes Certification Exam. This course may be taken three times. Lecture & lab. Letter grade only. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G141 - 5 Units
Automotive Chassis: Steering & Suspension
This course provides students with theoretical study and lab experience in the diagnosis and repair of automotive suspension and steering systems. Presented information prepares students for the Automotive Service Excellence (ASE) Suspension Certification Exam. This course may be taken three times. Lecture & lab. Letter grade only. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G145 - 5 Units
Basic Clean Air Car Course
This course is the first in a series of courses required by the Bureau of Automotive Repair (BAR) to obtain an Advanced Emissions Specialist license. The course will cover rules and regulations, history of the California Smog Check Program, a study of five-gas analysis, oxygen sensors, an overview of all emission control devices offered in California since 1975 and an introduction to onboard diagnostics second generation (OBD II). The theory in this course is reinforced with hands-on skill practice. Students must complete this course before submitting an application to the BAR for an Advanced Emissions Specialist license. This course may be taken three times. Lecture & lab. Letter grade only. An eight-week course. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G150 - 4 Units
Manual Drive Trains & Axles
This is a complete course in basic theory and principles of automotive manual drive trains and transaxles. Emphasis will be on drive shafts, manual transmissions, differentials and transfer units. Information presented prepares students for the Automotive Service of Excellence (ASE) A-3 Manual Drive Trains and Axles Certification Examination. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G151 - 4.5 Units
Automatic Transmissions and Transaxles
This is a complete course in the basic theory, service and repair of automatic automatic transmissions and transaxles. Information presented prepares students for the Automotive Service of Excellence (ASE) A-2 Automatic Transmissions and Transaxles Certification Examination. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G160 - 4 Units
Heating and Air Conditioning
This is a course of study which covers the theory, operation, maintenance, diagnosis and repair of automotive heating and air conditioning systems. Included will be cooling systems, air conditioning servicing, component replacement, manual heaters, manual air conditioners and automatic systems. R134/R12 recovery and recycling techniques are included. Information and skills presented prepares students for the Automotive Service Excellence (ASE) A-7 Heating and Air Conditioning Certification Examination. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G170 - 3 Units
Hybrid Vehicles
This course is a hands-on approach to the world of hybrid, fuel cell and electric powered vehicles. Discover how this new technology works as it replaces existing fossil fueled engines. Examine existing technologies, conversion processes, testing, assembly, operation, and maintenance of hybrid-electric, fuel cell and battery powered electric vehicles. Appropriate safety related instruction is included. This course may be taken three times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.
AUTOMOTIVE TECHNOLOGY G171 - 3 Units
Hybrid Vehicles, Advanced
This course furthers the student’s skills in electric vehicle (EV) conversions and provides an introduction to advanced EV designs and propulsion systems. The students will work with hybrids, fuel cells & alternating current (A/C) drive systems in advanced design electric vehicles. The course includes: EV design and construction; the testing, assembly, operation and maintenance of EV’s; the influence of aerodynamic design; advanced technology batteries and intelligent charging systems; hydrogen fuel cell technology and alternative EV drive systems. Appropriate safety related instruction will be included in each segment. This course may be taken three times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G181 - 4 Units
Honda PACT 1
Advisories: Auto G101, Auto G120 and Auto G140
This introductory course aligns with Honda’s Professional Automotive Career Training (PACT) curriculum. The course covers Honda-specific fundamental theory and maintenance procedures, including research on American Honda Motor’s interactive network for learning modules and service information. Honda recognizes the completion of this course as part of their core training program. Lecture & lab. Letter grade only. Transferable to CSU.

AUTOMOTIVE TECHNOLOGY G182 - 4 Units
Honda PACT 2
Prerequisites: Auto G181
This is the second in a series of courses offered through Honda’s Professional Automotive Career Training (PACT) program. Coursework will include intensive technical reading. Students will research American Honda Motors’ Interactive Network for automotive career training (PACT) curriculum. The course covers Honda-specific fundamental theory and maintenance procedures, including research on American Honda Motor's interactive network for learning modules and service information. Honda recognizes the completion of this course as part of their core training program. Lecture & lab. Letter grade only. Transferable to CSU.

BIOLOGY

BIOLOGY G100 - 4 Units
Introduction to Biology
This is a survey course emphasizing basic concepts of cell biology, animal and plant physiology, genetics and evolution, and plant, animal and human ecology. This course is specifically designed for non-science majors and is recommended to meet the general education breadth requirements. A traditional format may be followed on lectures, demonstrations, and laboratories may be integrated into the learning system. UC Credit Limitations. No credit if taken after Biology G180; maximum credit of one course for Biology G100 and G100H. Lecture & lab. Letter grade only. UC Credit limitations: No credit if taken after Biology G180; maximum credit of one course for Biology G100 and G100H. Transferable to CSU; UC.

BIOLOGY G100 HONORS - 4 Units
Introduction to Biology, Honors
As in the regular course, Honors students will survey basic concepts of cell biology, animal and plant physiology, genetics and evolution, as well as plant, animal and human ecology. This course is specifically designed for non-science majors and meets the general education breadth requirements. We will follow either a traditional format or integrate lectures, demonstrations, and laboratories into a learning system equivalent to three hours lecture and three hours laboratory per week. In addition to the usual laboratory exercises, Honors students will complete additional projects and assignments. UC Credit limitations: No credit if taken after Biology G180; maximum credit of one course for Biology G100 and G100H. Lecture & lab. Letter grade only. UC Credit limitations: No credit if taken after Biology G180; maximum credit of one course for Biology G100 and G100H. Transferable to CSU; UC.

BIOLOGY G104 - 3 Units
Marine Life
This course examines the marine environment, interaction of species, populations and communities, including geology of ocean basins, physical and chemical characteristics of the ocean basins. A survey of marine plants and animals through invertebrates, fish, reptiles, birds and mammals. The renewable and nonrenewable resources from the ocean realm. The influence of humans on the health of the environment. Current issues— including the concepts of: (global warming, types of pollution and the consequences thereof, greenhouse effects, and fisheries management) Lecture. Letter grade only. Transferable to CSU; UC.

BIOLOGY G104L - 1 Unit
Marine Life Laboratory
Corequisites: Enrollment in or completion of Biology G104
This course explores the basic principles of the life sciences taking its examples from the sea. The ecological relationship between humans and the sea is emphasized. This course is designed for non-science majors and is recommended to meet the general education breadth requirements, or the natural science requirement with Biology G104. Lab. Letter grade only. Transferable to CSU; UC.

BIOLOGY G110 - 3 Units
Ecology and Field Biology
This course is a survey course that integrates lectures, laboratory experiences and field trips to emphasize the natural environment, ecological processes of Southern California, and the roles that humans assume as they change the environment and ecology of the areas from which resources are taken. This course is recommended to meet the laboratory requirement for an associate in arts degree. Lecture & lab. Letter grade only. Transferable to CSU; UC.

BIOLOGY G120 - 3 Units
Man and Disease
An introduction to the study of human anatomy, physiology with a comprehensive study of diseases which affect man. Diseases will be studied from historical and contemporary point of view, with particular references to causes, means of transmission, normal and abnormal functioning of the body. Lecture & lab. Letter grade only. Transferable to CSU; UC.

BIOLOGY G160 - 3 Units
Physiology and Disease Mechanisms
Advisories: Biology G225
This course will discuss and utilize the principles of physiology to analyze the symptoms and signs of disease. Emphasis is given to cardiovascular, respiratory, and renal diseases although all body systems are discussed. Intended for students in or aspiring to various health professions including nursing. Lecture. Letter grade only. Transferable to CSU.

BIOLOGY G180 - 5 Units
Cell and Molecular Biology
(Formerly known as: Principles of Biology)
Prerequisites: Mathematics G030
Advisories: Chemistry G130
This course is designed as the first in a three-course sequence for students desiring to major in biology. The topics to be covered in this course are among those which serve to unify the science of biology. Included in these concepts are: molecular biology, cell theory, genetics, biotechnology, ecology and evolution. Lecture & lab. Letter grade only. Transferable to CSU; UC.
BIOLOGY G182 - 4 Units
Zoology
(Formerly known as: Biology G185 - Principles of Zoology)
Prerequisites: Math G030 or Mathematics Placement Assessment
Advisories: Biology G180
This course provides students with a broad foundation of Kingdom Animalia, and animal-like protists in Sub-Kingdom Protozoa. It focuses on ecological, evolutionary, anatomical and physiological relationships. Topics include embryology, body plan, life strategies, reproductive modes and life cycles of each animal phylum. This course gives a solid background in animal science for those students preparing to transfer to a four-year institution or professional school (dental, pharmacy or optometry schools, for example) The lab portion of this course will emphasize hands-on learning using dissection, models, slides, charts, living and non-living specimens. Students will gain experience in using the microscope to study protists and animal tissues. Lecture & lab. Letter grade only. Transferable to CSU; UC.

BIOLOGY G183 - 4 Units
Botany
(Formerly known as: Biology G190 - General Botany)
Prerequisites: Math G030 or Mathematics Placement Assessment
Advisories: Biology G180
This course is designed to satisfy the major requirements for an Associate or Baccalaureate degree in the Biological Sciences. Biology G183 complements Biology G180 and G182 as the third of three in a sequence of survey courses. Topics include: fundamentals of chemistry and biochemistry; cytology, with an emphasis on plant cytology; fundamentals of biological energy; catalysis, cellular respiration and photosynthesis; Mendelian and molecular genetics; ethnobotany; evolution and speciation; plant ecology; systematics and taxonomy, with light surveys of (taxonomic) Kingdoms Archaebacteria, Eubacteria, Fungi, and Protista - emphasis is on Kingdom Plantae: plant histology, anatomy, physiology, morphology and diversity; and principles of plant culture (cultivation). Lecture & lab. Letter grade only. Transferable to CSU; UC.

BIOLOGY G200 - 3 Units
Pharmacology - Medications and Drugs
Advisories: Biology G225
This course covers the classification of medications and basic principles of pharmacology from legislation and pharmacokinetics through receptor theory, pharmacodynamics and pharmacotherapeutics. Medications will be grouped by body systems and treatment options will be related to the pathophysiological state of the patient. Drug groups are discussed rather than individual medications, with emphasis on autonomic, central nervous system, and cardiovascular agents. Drugs affecting all body systems will be discussed. Lecture. Letter grade only. Transferable to CSU.

BIOLOGY G205 - 1 or 2 Units
Biology Laboratory Learning Skills
Prerequisites: Instructor Permission
This is a course in which students will help peers in lab sections of Biology classes. After successfully completing a lab course, students will assist lab instructors by monitoring lab safety, clarifying lab skills and techniques, and explaining experiments that are presented. Students will prepare and present one or more oral and/or written presentations of topics not covered in lecture. This course is recommended for students interested in teaching science. This course may be taken 4 times. Lab. Letter grade only. Transferable to CSU.

BIOLOGY G210 - 5 Units
General Microbiology
Advisories: Biology G100
Major concepts of general microbiology are discussed, including 1) procaryotic and eucaryotic cell types, 2) structural organization of cells, 3) cellular metabolism, regulation of metabolism, and genetics, 4) host-parasite relationships, 5) microorganisms in human health and disease, 6) immunology and serology, 7) recombinant DNA technology, 8) growth of microbial cells, 9) controlling growth by chemical and physical means. Bacteria, fungi, algae, protozoa, and viruses are studied. Laboratory skills include: microscopy, staining techniques, cultivation techniques, and aseptic techniques. Lecture & lab. Letter grade only. Transferable to CSU; UC.

BIOLOGY G220 - 4 Units
Human Anatomy
(Formerly known as: Biology G170)
A course in basic human anatomy, covering the major body systems and including topics of both gross and microstructure of the organ systems. Designed for paramedical biology majors (nursing, x-ray technicians, physicians assistant, chiropractic, dental hygiene, pharmacy) and physical education majors. Will not satisfy transfer requirements for biological science majors. Lecture & lab. Letter grade only. UC Credit limitations: Maximum credit of two courses for Biology G221, G220 and G225. Transferable to CSU; UC.

BIOLOGY G221 - 4 Units
Introduction to Anatomy and Physiology
(Formerly known as: Biology G155)
The elements of human structure and function are described and related. Topics explored are: the body system, cell structure and function, the maintenance of physiological balance and equilibrium (e.g., fluid and electrolytes, blood pressure, acid base levels), and the physiology of nutrition and exercise. Designed for non-science majors (including some para-medical majors) and is recommended to meet the general education breadth requirement. Lecture & lab. Letter grade only. UC Credit limitations: Maximum credit of two courses for Biology G221, G220 and G225. Transferable to CSU; UC.

BIOLOGY G225 - 4 Units
Human Physiology
(Formerly known as: Biology G175)
Advisories: Biology G220
This course covers physiological function of the basic systems of the human body. Emphasis will be on integration of body systems and the inter-relationships for maintaining body homeostasis. Designed for paramedical biology majors (nursing, x-ray technicians, dental hygiene, physical therapy, etc.) and physical education majors. Will not satisfy transfer requirements for biology majors. Lecture & lab. Letter grade only. UC Credit limitations: Maximum credit of two courses for Biology G221, G220 and G225. Transferable to CSU; UC.

BUSINESS
BUSINESS G100 - 3 Units
Introduction to Business
A basic background for the various fields of business. Fundamental vocational information: guidance information; exploration of management, production, marketing and finance in business; consideration of specialized areas of business planning, organizing, staffing, directing and control. Exposure to business in small--medium--large organizations. Lecture. Letter grade only. Transferable to CSU; UC.
BUSINESS G108 - 3 Units
Legal Environment of Business
This course provides an introduction to principles of law, which influence and reflect the ethical, social, and political environments in which modern business operates with emphasis given to the federal and state judicial system, constitutional law, administrative law, torts, crimes, contracts, product liability, business organizations, agency, employment law; antitrust law, securities regulation, environmental law, and international law. This course is designed to conform to the scope of course content of comparable courses at California State University at Fullerton (Mgt 246) and San Diego State University. UC Credit limitations: Maximum credit of one course for Business G108 and G110. Lecture. Optional pass/no pass grade. UC Credit limitations: Maximum credit of one course for Business G108 and G110. Transferable to CSU; UC.

BUSINESS G110 - 3 Units
Business Law
An introduction into the legal environment in which businesses and individuals operate. Emphasis is placed on: Courts and their jurisdiction, legal procedure, torts, warranties, product liability, contract and remedies, agency, and employment. UC Credit limitations: Maximum credit of one course for Business G108 and G110. Lecture. Optional pass/no pass grade. UC Credit limitations: Maximum credit of one course for Business G108 and G110. Transferable to CSU; UC.

BUSINESS G121 - 3 Units
Personal Finance
An introductory course in financial affairs involving management of expenditures. The course includes the budgeting process, using consumer loans and credit, savings on taxes, decisions on transportation and home buying, insurance planning, investments, financial planning, career planning, retirement and estate transfer decisions. Lecture. Letter grade only. Transferable to CSU.

BUSINESS G125 - 3 Units
Business English
A review and reinforcement of basic grammar, punctuation, vocabulary, proofreading skills, spelling, word division, capitalization, sentence construction, and dictionary usage. Emphasis is on more effective communication by providing an accurate knowledge and precise application of standard English in both verbal and written professional communications. Lecture. Optional pass/no pass grade. Transferable to CSU.

BUSINESS G130 - 3 Units
Introduction to Business Writing
Advisories: Completion of English G010 is strongly recommended. This course provides a basic understanding of business communication and develops confidence and skill in writing effective business letters, memos, electronic communications, and informal reports. Particular focus will be placed on forming a solid foundation for writing business documents, eliminating mistakes, improving writing techniques, increasing editing and proofreading skills, and developing actual practice in writing, positive, negative, neutral, and persuasive communications. Lecture. Optional pass/no pass grade. Transferable to CSU.

BUSINESS G139 - 3 Units
Business Communication
Prerequisites: English G100
This course focuses on the development and refinement of the written and oral communication skills that are necessary for success in today's dynamic business environment. Emphasis will be placed on solving simple-to-complex business problems through critical thinking, research, analysis, and evaluation and then communicating those results through effective planning, organizing, outlining, drafting, revising, and finalizing business documents. Students will also develop oral presentation skills as well as employment preparation and job-search techniques. Lecture. Letter grade only. Transferable to CSU.

BUSINESS G150 - 3 Units
Business Mathematics
Review of math with business and financial applications, including discounts, payroll computations, simple and compound interest, markup, taxes, insurance, depreciation inventory valuation methods, I.R.A.'s, Savings and Loan, banking, and use of algebraic principles in business. Lecture. Optional pass/no pass grade. Transferable to CSU.

BUSINESS G153 - 1.5 Units
Writing an Effective Business Plan
This course is designed to guide the student in the planning, preparation, and the completion of a successful business plan. The student will develop the tools and confidence in the writing of their own business plan which will serve as a guide in promoting growth, profitability, and social responsibility in achieving their business goals. Suitable for any current business owner or entrepreneur, business, management, or marketing student. This class is critical for contemporary business leaders and owners to understand how to develop a strong business plan that will be used to secure the business and provide a guideline for future growth and profitability. Lecture. Optional pass/no pass grade. Transferable to CSU.

BUSINESS G170 - 3 Units
Introduction to Business Software Solutions
(Ohio: Computer Science G170)
This course will provide students with knowledge and understanding of current software systems that enable businesses to ship and deliver materials and services. It will survey practices in enterprise software solutions such as Enterprise Resource Planning, Supply Chain, and Customer Relationship Management. The course will provide an overview of the use of technology to improve productivity and efficiency which is an essential part of today's business landscape. Recommended for people desiring a future in Management, IT Management, Business or Accounting. Lecture. Optional pass/no pass grade. Transferable to CSU.

BUSINESS G185 - 3 Units
International Marketing
(Ohio: Marketing G185)
An examination of the environment and operations of global marketing, including the international marketing mix; product, pricing, placement and promotion, as well as emerging issues in international trade, such as the globalization of markets, standardization vs. adaptation and the cultural environment of business. Lecture. Optional pass/no pass grade. Transferable to CSU.

BUSINESS G210 - 3 Units
Securities and Investments
Principles of investments, risks/reward analysis, characteristics of stocks and bonds, overview of investment alternatives, role of mutual and money market funds. Lecture. Optional pass/no pass grade. Transferable to CSU.

CHEMISTRY

CHEMISTRY G110 - 5 Units
Introduction to Chemistry
Prerequisites: Mathematics G010 or appropriate score on the Math Placement Assessment.
An introduction to some of the basic principles of inorganic, organic and biochemistry. Lectures, demonstrations and laboratories are integrated into a learning system equivalent to three hours lecture, four hours lecture-laboratory a week. UC Credit limitations: no credit if taken after Chemistry G180. Lecture & lab. Letter grade only. UC Credit limitations: Maximum credit of one course for Chemistry G110 and G130. Transferable to CSU; UC.
CHEMISTRY G130 - 4 Units
Preparation for General Chemistry
(Formerly known as: Introduction to Chemical Principles)
Prerequisites: Mathematics G010 or appropriate score on the Math Placement Assessment.
This course is an introduction to the principles and calculations of chemistry. Practice in basic laboratory techniques. It is designed specifically for students planning to take Chemistry G180 (General Chemistry). UC Credit limitations: no credit if taken after Chemistry G180. Lecture & lab. Letter grade only. UC Credit limitations: Maximum credit of one course for Chemistry G110 and G130; no credit if taken after Chemistry G180. Transferable to CSU; UC.

CHEMISTRY G180 - 5 Units
General Chemistry A
(Formerly known as: General Chemistry)
Prerequisites: Mathematics G030 or appropriate score on the Math Placement Assessment.
Advisories: Chemistry G130
This course covers stoichiometry, acids, bases, redox reactions, gas laws, solid and liquid states, changes of state, modern atomic concepts, periodicity and chemical bonding. It is intended for majors and minors in science and engineering. The laboratory portion of the course provides an application of lecture concepts in the laboratory and further practice in quantitative/qualitative laboratory methods. Letter grade is the only option in this course. Lecture & lab. Letter grade only. Transferable to CSU; UC.

CHEMISTRY G185 - 5 Units
General Chemistry B
(Formerly known as: General Chemistry)
Prerequisites: Chemistry G180
This course provides an introduction to kinetics, principles and types of chemical equilibria, acids and bases, thermochemistry, electrochemistry, coordination compounds, nuclear chemistry and nomenclature of organic compounds. Lecture & lab. Letter grade only. Transferable to CSU; UC.

CHEMISTRY G220 - 5 Units
Organic Chemistry A
(Formerly known as: Organic Chemistry I)
Prerequisites: Chemistry G185
This course offers a study of the compounds of carbon and their reactions with emphasis upon structure/reactivity relationships and mechanisms. The laboratory emphasizes standard organic techniques, investigations, and spectroscopic methods for identification. Lecture & lab. Letter grade only. Transferable to CSU; UC.

CHEMISTRY G225 - 5 Units
Organic Chemistry B
(Formerly known as: Organic Chemistry II)
Prerequisites: Chemistry G220
A continuation of the study of the compounds of carbon and their reactions with emphasis upon structure/reactivity relationships and mechanisms, including chemistry of carbonyl compounds, aromatic compounds and molecules of biological importance. The laboratory includes reactions and workup design, separation and identification of an unknown mixture, multistep synthesis and additional spectroscopy. Lecture & lab. Letter grade only. Transferable to CSU; UC.

CHINESE

CHINESE G180 - 5 Units
Elementary Chinese 1
(Formerly known as: Elementary Chinese)
Fundamentals of Chinese grammar, reading, writing and speaking simple Chinese. Native speakers are eligible for Chinese G180 only by permission of instructor. This course is equivalent to two years of high school Chinese. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

CHINESE G185 - 5 Units
Elementary Chinese 2
(Formerly known as: Elementary Chinese)
Prerequisites: Chinese G180
This course represents further language training in both oral and written Chinese language. It emphasizes more intensive practice on the written style of the language as well as on the spoken language. It stresses the daily usage of the language. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

CHINESE G280 - 4 Units
Intermediate Chinese 1
(Formerly known as: Intermediate Chinese)
Prerequisites: Chinese G185
This course offers Chinese vocabulary, dialogues, reading, writing and translation of simple stories and essays. Emphasis on grammar, composition, and conversation. An additional 150 characters to the 100 from Chinese G185. The Mandarin dialect will be emphasized with minor attention given to the Cantonese and Shanghai dialects. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

COLLEGE

COLLEGE G050 - 1 Unit
Introduction to Online Learning
Using computer tools, online course systems, and MyGWC, students will develop skills that will enable them to successfully complete distance learning programs. This course addresses the online technical competencies and computer skills needed for distance learning success. Lecture. Pass/no pass only. Not transferable, not degree applicable.

COLLEGE G090 - 3 Units
Study Skills for College
Advisories: ESL G051
This course introduces students to basic college success skills: goal setting and time management, memory and concentration, lecture note-taking, learning styles, reading effectiveness, test taking strategies, and stress management. Students will learn how to integrate these skills into college course work. Lecture. Optional pass/no pass grade. Not transferable, not degree applicable.

COLLEGE G100 - 3 Units
Becoming A Successful Student
Advisories: English G099
This is a course designed to teach techniques and skills that can be used to succeed in college. Students will learn specific skills to enhance academic success and will develop their own action plans through self-evaluation. Additionally, students will learn and apply college level techniques for the use of resources. Topics that will be covered include attitude and personal commitment, goal setting, problem solving, decision making, time-management, learning styles, student support services, academic support services, study methods, library research. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.
COLLEGE G151 - 1 Unit
How to Succeed as an Online Learner
This course provides an orientation to the characteristics and processes of distance learning. Students will explore the differences between traditional classroom and distance learning courses. They will learn how to anticipate, avoid, and/or solve typical problems encountered in distance learning environments. Students will learn practical strategies and skills to help them succeed in online and hybrid classes. Lecture. Pass/no pass only. Transferable to CSU.

COMMUNICATION STUDIES
COMMUNICATION STUDIES G020 - 3 Units
Intermediate Pronunciation Skills for Non-Native Speakers of English
A basic skills course for non-native speakers of intermediate American English whose level of pronunciation skills may prohibit them from participating in and benefiting from classroom instruction. Emphasis is on appropriate articulation and intonation of American English sound patterns used in communicating and clarifying oral messages in the classroom, at work, and in personal situations. Students will spend time listening to pronunciation lessons in the Foreign Language Lab and receiving feedback about specific sounds at the Intercultural Center. This course may be taken 2 times. Lecture. Optional pass/no pass grade. Not transferable, not degree applicable.

COMMUNICATION STUDIES G055 - 3 Units
Speaking and Listening, Intermediate Conversation & Classroom Communication
This course focuses on conversation and classroom communication skills for intermediate and advanced second language students. Students will practice American communication skills in conversations and classroom interactions, such as asking questions, giving information, clarifying misunderstandings, and conversation and presentation skills. Designed for intermediate and advanced ESL students. This course may be taken 2 times. Lecture. Optional pass/no pass grade. Not transferable, not degree applicable.

COMMUNICATION STUDIES G090 - 3 Units
Speaking and Listening, ESL Advanced
This course focuses on more advanced American communication skills valuable for interpersonal and academic success, such as interpersonal, intercultural and group discussion skills, classroom interactions, presentations, job interviewing, etc. Designed for non-native speakers of English who have completed Communication Studies G020 or G050 and who want to improve their communication skills prior to enrolling in transfer level communication courses. This course may be taken 2 times. Lecture. Optional pass/no pass grade. Not transferable, not degree applicable.

COMMUNICATION STUDIES G100 - 3 Units
Interpersonal Communication
This course is a survey of the process, analysis and theory of one-to-one oral communication. Content areas include self-concept, perception, cultural influences, listening, verbal messages, nonverbal messages, conversation, relational development, and conflict management. Students will learn theories that explain human communication behavior and in addition will be required to practice effective interpersonal communication skills in various contexts. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

COMMUNICATION STUDIES G108 - 3 Units
Introduction to Communication
This introductory communication course focuses on interpersonal, task-oriented, public speaking and critical thinking communication competencies in a variety of contexts. Students will study human communication principles and theories and their relationship to competencies in interpersonal, small group, intercultural, persuasive, and public speaking communication. Emphasis is on communicating in two-person, small group and public settings. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

COMMUNICATION STUDIES G110 - 3 Units
Public Speaking
This course focuses on understanding and applying the fundamental principles of public speaking. These speech skills include identifying the purpose, selecting the topic, conducting research, organizing content and outlining the speech, choosing appropriate language, using effective visual aids, adapting to the audience and occasion, and delivering the speech in a manner that is both verbally and nonverbally effective, while also learning to evaluate the speeches of others. Students will learn to present information clearly, reasonably, and persuasively by giving individual speeches and participating in group presentations. Recommended for Speech Communication, Business and Education majors. UC Credit Limitations: Speech G110 and G110H combined—maximum credit, one course. Lecture. Optional pass/no pass grade. UC Credit Limitations: Speech G110 and G110H combined—maximum credit, one course Transferable to CSU; UC.

COMMUNICATION STUDIES G110 HONORS - 3 Units
Public Speaking Honors
This course sharpens the focus on understanding and applying principles of informative, persuasive and group presentations. These speech skills include identifying the purpose, selecting the topic, conducting research, organizing content and outlining the speech, choosing appropriate language, using effective visual aids, adapting to the audience and occasion, and delivering the speech in a verbally pleasing manner, as well as evaluating the speeches of others. Giving individual speeches and participating in group presentations, students seek to excel in presenting information clearly, reasonably, and persuasively. Readings and assignments for this class are more rigorous than in the standard course. Recommended for Communication Studies, Business and Education majors. UC credit limitations. See counselor. Letter grade only. UC credit limitations. See counselor. Transferable to CSU; UC.

COMMUNICATION STUDIES G112 - 3 Units
Small Group Dynamics
This course is recommended for all Communication Studies majors. Emphasis is on the basic principles and skills of discussion in groups. Helpful to those who may have classes or situations requiring group projects or group decision-making. Study and practice in informative, problem-solving and study groups, as well as the effects of group dynamics and communication variables on discussion groups. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

COMMUNICATION STUDIES G190 - 3 Units
Prejudice, Discrimination and Inclusion: Communication Issues in Group Relations
This course is a survey of the theories, nature, dynamics, and problems of prejudice and discrimination as revealed through personal, interpersonal and mediated communication. Students will analyze how various forms of communication create, reveal or minimize prejudice and discrimination. Emphasis is on attitudes, communication patterns, and consequences of prejudice and discrimination in the interrelationships of race, ethnicity, gender, social class, physical ability, and sexual orientation. Models and concepts for positive change will be explored. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

COMMUNICATION STUDIES G220 - 3 Units
Essentials of Argumentation
This is a course presenting the principles of argumentation: reasoning, critical thinking, and the analytical skills necessary to construct arguments and refutations. Recommended for Communication Studies, Business and Education majors. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.
COMMUNICATION STUDIES G225 - 3 Units
Negotiation and Mediation
(Same as: Peace Studies G225)
Advisories: Communication Studies G100
This course presents theories and skills to address and settle conflict situations by utilizing the negotiation and mediation processes. The student will learn how to assess conflict situations and determine the appropriateness of negotiation and mediation. Students will learn theories and skills through lecture, role playing, dialogue and in-class simulations. Students will also examine different contexts for negotiation and mediation including family, school, community and business situations. Videos and student presentations of negotiation and conflict resolution topics complement the lectures, simulations and role playing. Lecture. Optional pass/no pass grade. Transferable to CSU.

COMMUNICATION STUDIES G225 - 3 Units
Intercultural Communication
(Formerly known as: Communication Studies G175)
Advisories: Comm G100 or Comm G108
This course analyzes the study of communication from an intergroup, culture-general perspective. General theories of communication (e.g., uncertainty/anxiety reduction, relationship development, nonverbal expectancy violations, ingroup-outgroup stereotyping) are integrated with theories of cultural difference (e.g. individualism-collectivism, cultural variability, low-high context communication, cultural value orientations, dimensions of culture, Confucian cultural patterns) to explain, predict and improve communication behavior. Communication is examined in both cross-cultural and intercultural settings, with the goal of increasing intercultural effectiveness and minimizing prejudice and discrimination. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

COMMUNICATION STUDIES G260 - 3 Units
Organizational Communication
This course focuses on understanding and applying the fundamental principles of communication in organizations. These elements include organizational communication models, the role of ethics and diversity, basic communication skills, interviewing skills, communicating in groups and teams, conflict management, leadership, and presentation skills. Students will learn to analyze, adapt, and improve their communication strategies in organizational settings by applying and practicing the knowledge and skills acquired in this course. Recommended for Communication Studies, Business and Education majors. Lecture. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G102 - 1 Unit
Computer Keyboarding, Introduction, Part 2
(Same as: middle third of Computer Business Applications G100)
Advisories: Computer Business Applications G101
A review of all computer keyboarding reaches; ‘touch’ techniques; letter formatting; and report, memo, and table preparation. The student will learn some basic word processing concepts to make keyboarding quick and easy. Lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G103 - 1 Unit
Computer Keyboarding, Introduction, Part 3
(Same as: last third of Computer Business Applications G100)
Advisories: Computer Business Applications G102
A review of all computer keyboarding reaches, ‘touch’ techniques, table preparation, letter formatting, memo preparation, and manuscript report preparation including endnotes and footnotes. The student will learn some basic word processing concepts to make keyboarding quick and easy. Lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G104 - 1 Unit
Computer Keyboarding Speed and Accuracy Development
Advisories: Computer Business Applications G103
A review of all computer keyboard reaches using ‘touch’ techniques and a presentation of skill development methods and prescriptive drills for increasing speed and controlling accuracy. Includes numerous 5-minute timed proficiency tests to prepare the student for ‘pre-employment’ testing. This course may be taken 4 times. Lab. Pass/no pass only. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G105 - 3 Units
Computer Keyboarding, Intermediate, Parts 1, 2 and 3
(Same as: Computer Business Applications G106, G107, and G108)
Advisories: Computer Business Applications G100 or G103
Development of production computer keyboarding skills to include business letter styles, tables, business forms, and manuscript reports as well as further development of speed and accuracy skills. The student will learn some basic word processing concepts to make keyboarding tasks quick and easy Lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G106 - 1 Unit
Computer Keyboarding, Correspondence, Part 1
(Same as: first third of Computer Business Applications G105)
Advisories: Computer Business Applications G100 or G103
Development of production computer keyboarding skills to include a variety of business communications as well as further development of speed and accuracy skills. Emphasis will be placed on letter styles and letters with special features. The student will learn some basic word processing concepts to make keyboarding quick and easy Lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G107 - 1 Unit
Computer Keyboarding, Tables and Business Forms, Part 2
(Same as: middle third of Computer Business Applications G105)
Advisories: Computer Business Applications G100 or G103
Development of production computer keyboarding skills to include memos, tables, and business forms as well as further development of speed and accuracy skills. The student will learn some basic word processing concepts to make keyboarding tasks quick and easy. Lab. Optional pass/no pass grade. Transferable to CSU.
COMPUTER BUSINESS APPLICATIONS G108 - 1 Unit
Computer Keyboarding, Manuscript Reports, Part 3
(Same as last third of Computer Business Applications G105)
Advisories: Computer Business Applications G100 or G103
This course is the same as the last third of CBA 105. Development of production
computer keyboarding skills to include manuscript reports as well as further develop-
ment of speed and accuracy skills. The student will learn some basic word processing
concepts to make keyboarding tasks quick and easy. Lab. Optional pass/no pass grade.
Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G115 - 3 Units
Filing & Records Management
This course is a comprehensive introduction to records management for both manual
and computerized records systems. Emphasis will be placed on the efficient control of
proper filing rules, along with the proper methods of storing, retrieving, and disposing
of alphabet, subject, numeric, and geographic records; emphasis also placed on the
principles governing filing and maintenance of paper, automated, and electronic imag-
ing records. Lecture. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G117 - 3 Units
Proofreading Skills
Advisories: Computer Business Applications G101 or keyboarding speed of 35 words
a minute.
This course is designed to develop or improve proofreading skills for business or
personal use, and includes units in proper use of the dictionary, proofreading for
typographical errors, and proofreading for effective communication. This course also
includes exercises in proofreading for errors in spelling, word division, format, capi-
talization, expression of numbers, punctuation, grammatical construction, and word
usage. Lecture. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G119 - 3 Units
Administrative Business Procedures
Advisories: Computer Business Applications G101 or keyboarding speed of 35 words
a minute.
This course is designed to prepare a student for an entry-level office support position.
Current office procedures will be stressed. Topics will include handling written corre-
spondence, business records, and office equipment; making travel arrangements; using
reference sources to prepare simple reports; and assisting with meeting and conference
preparation. Lecture. Optional pass/no pass grade. Transferable to CSU. May not be
offered each semester.

COMPUTER BUSINESS APPLICATIONS G120 - 2 Units
QuickBooks Pro
QuickBooks Pro is a Business Accounting course designed to assist the student and
entrepreneur interested in using the computer to keep accounting books in good order
and in making sound business decisions based on financial reports. Business accounting
records are set up to handle chart of accounts, merchandise, customers and receivables,
vendors and payables, banking, and reports. Lecture & lab. Optional pass/no pass grade.
An eight-week course. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G121 - 2 Units
Certified Business Professional: Office Systems and Technology
This course is designed for students and/or administrative assistants who are preparing
to take the Certified Administrative Professional or Certified Professional Secretary
exam. Others who may not be planning to take the CAP or CPS exam but who wish
to study the topics covered in order to increase or update their knowledge may also
benefit from this class. Topics reviewed will include Part 1: Office Administration of the
CAP and CPS exams including the broad topics of Computer Hardware, Systems, and
Configuration; Document Layout, Design, and Reproduction; Software; and Managing
Physical Resources. Lecture. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G122 - 2 Units
Certified Business Professional: Office Administration
This course is designed for students and/or administrative assistants who are preparing
to take the Certified Administrative Professional or Certified Professional Secretary
exam. Others who may not be planning to take the CAP or CPS exam but who wish
to study the topics covered in order to increase or update their knowledge may also
benefit from this class. Topics reviewed will include Part 2: Office Administration of
the CAP and CPS exams including the broad topics of Records Management and
Communications. Lecture. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G123 - 2 Units
Certified Business Professional: Management
This course is designed for students and/or administrative assistants who are preparing
to take the Certified Administrative Professional or Certified Professional Secretary
exam. Others who may not be planning to take the CAP or CPS exam but who wish
to study the topics covered in order to increase or update their knowledge may also
benefit from this class. Topics reviewed will include Part 3: Management of the CAP and CPS
exams including the broad topics of Human Resources, Accounting Procedures and
Analysis, Time Management, and Communication. Lecture. Optional pass/no pass grade.
Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G124 - 2 Units
Certified Business Professional: Advanced Organizational Management
This course is designed for students and/or administrative assistants who are prepar-
ing to take the Certified Administrative Professional exam. Others who may not be
planning to take the CAP exam but who wish to study the topics covered in order to
increase or update their knowledge may also benefit from this class. Topics reviewed
will include Part 4: Advanced Organizational Management of the CAP exam including
the broad topics of Organizational Planning, Advanced Administration, Team Skill, and
Advanced Communication. Lecture. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G145 - 1.5 Units
Introduction to Computers
This course provides a basic introduction to computers and computer literacy. Students
will learn how to purchase or upgrade a computer; learn how a computer processes data;
learn how the Internet works; and identify various types of software. Students will have
hands-on use of applications and the Internet. Lecture & lab. Optional pass/no pass grade.
Eight-week course. Transferable to CSU.
COMPUTER BUSINESS APPLICATIONS G149 - 2 Units

Outlook
Advisories: Proper keyboarding and basic computer skills are suggested.
This course will prepare students to use OUTLOOK to compose and send e-mail messages; work with incoming messages; use Outlook folders to organize the Inbox; and manage appointments, events, and meetings. Topics include managing the Outlook environment; creating and formatting Item Content; managing e-mail messages, Contacts, Calendar Objects; and working with Tasks, Notes, and Journal Entries. This course covers the skills needed to prepare for the OUTLOOK 2010 Core Microsoft Office Specialist Exam (MOS). This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G150 - 1.5 Units

Windows, Introduction
This course provides an introduction to the Microsoft Windows operating system. Students will have hands-on experience managing folders and files, preparing disks, launching multiple applications with Windows Explorer and My Computer, customizing the Windows working environment, locating information on local disks and on the web. Lecture & lab. Optional pass/no pass grade. Eight-week course. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G151 - 1.5 Units

Windows, Intermediate
Advisories: Computer Business Applications G150 or equivalent
This course will provide the fundamental skills to use Microsoft Windows at the intermediate level. Students will receive hands-on experience to find files and data; use Internet search services to find information by query and subject; work with graphics in documents; use OLE (object linking and embedding); work with hardware, printers, and fonts; explore network resources; and define and perform disk maintenance. Lecture & lab. Optional pass/no pass grade. Eight-week course. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G152 - 3 Units

MS Windows
Advisories: CBA G145, Introduction to the PC, or equivalent experience
This course provides a hands-on comprehensive introduction to the MS Windows 7 environment. Students will learn fundamental skills of the Windows operating system such as file and folder organization and management; personalizing the Windows environment; managing Windows Media Center, Homegroups, Libraries, Windows Live Essentials, and Windows Touch; working with the Internet and E-mail; protecting the computer; searching for information and collaborating with others; connecting to network and mobile computing; maintaining hardware and software; and improving system performance. This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G155 - 2 Units

WORD, Introduction
Advisories: Keyboarding experience would be helpful.
This course will prepare students to use WORD to create professional-looking documents for a variety of purposes and situations. Topics include sharing and maintaining documents; formatting content; applying page layout and reusable content; including illustrations and graphics in a document; proofreading documents; applying references and hyperlinks; performing mail merge operations. This course, together with CBA G156, reviews the skills needed to prepare for the WORD 2010 Core Microsoft Office Specialist Exam (MOS). This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G156 - 2 Units

WORD, Intermediate
Advisories: Computer Business Applications G155
This course will prepare students to use intermediate and advanced features of WORD to create tables; insert graphics and create SmartArt and charts; apply and modify styles; create footnotes, endnotes, outlines, indexes, and tables of content; create comments and hyperlinks. Topics include using styles and creating multilevel lists and charts; creating web pages and using advanced proofing options; building documents from reusable content and revising documents using markup tools. This course, together with CBA G155, reviews the skills needed to prepare for the WORD 2010 Core Microsoft Office Specialist Exam (MOS). This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G157 - 2 Units

WORD, Advanced
Advisories: Computer Business Applications G156
This course will prepare students to build on their knowledge of the basic and intermediate features of WORD to produce agendas, letterheads, envelopes, business cards, contact disk labels, calendars, flyers and announcements, brochures, and other specialty documents. Students will also work with templates, wizards, page layout, graphic features, Mail Merge, WordArt, and layout design to create desktop publishing documents. This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G160 - 2 Units

EXCEL, Introduction
This course will prepare students to use EXCEL to create and edit professional-looking spreadsheets for a variety of purposes and situations. Topics include managing the worksheet and workbook environment; creating cell data; formatting cells and worksheets; applying formulas and functions; presenting data visually by creating charts; sharing worksheet data with other users; and analyzing and organizing data. This course, together with CBA G161, reviews the skills needed to prepare for the EXCEL 2010 Core Microsoft Office Specialist Exam (MOS). This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Eight-week course. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G161 - 2 Units

EXCEL, Intermediate
Advisories: Computer Business Applications G160
This course will prepare students to use intermediate to advanced features of EXCEL to audit and validate workbook data; consolidate data and link workbooks and worksheets; work with external data sources; create data tables, pivot tables, and pivot charts; use templates; and work with macros. Topics include using financial and lookup functions, define names, and validate data; managing large workbooks and using advanced sorting and filtering; and creating charts, diagrams, and templates. This course, together with CBA G160, reviews the skills needed to prepare for the EXCEL 2010 Core Microsoft Office Specialist Exam (MOS). This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.
COMPUTER BUSINESS APPLICATIONS G165 - 2 Units
ACCESS, Introduction
This course will prepare students to use MS Office ACCESS to design and create a database by creating tables, determining the Primary keys, any additional fields, and determining and implementing relationships between tables; and design and create queries, forms, and reports. Topics include managing the Access environment; building tables; building forms; creating and managing queries; and designing reports. This course, together with CBA G166, reviews the skills needed to prepare for the ACCESS 2010 Core Microsoft Office Specialist Exam (MOS). This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G166 - 2 Units
ACCESS, Intermediate
Advisories: Computer Business Applications G165 or equivalent experience
This course will prepare students to use intermediate to advanced skills of MS Office ACCESS. Topics include enhancing tables, queries, forms, and reports; building links, relationships, and indexes; designing and building advanced queries, forms, and reports; managing import and export specifications; using mail merge and advanced navigation techniques; using special controls and tools for check boxes, combo boxes, tab controls, and add hyperlinks; creating and editing macros and modules. This course, together with CBA G165, reviews the skills needed to prepare for the ACCESS 2010 Core Microsoft Office Specialist Exam (MOS). This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G170 - 2 Units
PowerPoint, Introduction
This course will prepare students to use POWERPOINT to create and edit a profession-al-looking presentation as well as enhance a presentation with clip art, pictures, shapes, and Word Art. Topics include creating a slide presentation; working with graphical and multimedia elements; creating charts and tables; applying transitions and animations; collaborating on presentations; preparing presentations for delivery; and delivering presentations. This course, together with CBA G171, reviews the skills needed to prepare for the POWERPOINT 2010 Core Microsoft Office Specialist Exam (MOS). This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Eight-week course. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G171 - 2 Units
PowerPoint, Intermediate
Advisories: Computer Business Applications G170. This course will prepare students to use POWERPOINT at the intermediate to advanced level. Topics include creating templates and reviewing, publishing, and protecting presentations; applying advanced graphic techniques and inserting audio and video; delivering a presentation. Learn customizing colors and effects; layering and grouping techniques; animating and using multimedia effects; customizing themes and slide masters; preparing a presentation for delivery and electronic distribution. This course, together with CBA G170, reviews the skills needed to prepare for the POWERPOINT 2010 Core Microsoft Office Specialist Exam (MOS). This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G181 - 4 Units
OFFICE
This course covers computer business applications used in today's businesses to create, edit, and format various documents, spreadsheets, databases, and presentations. Learn how to create professional-looking documents using WORD; develop and create spreadsheets with formulas and charts using EXCEL; create slide show presentations with multimedia effects using POWERPOINT; design, create, and organize data with tables, queries, forms, and reports using ACCESS; integrate files and data among WORD, EXCEL, ACCESS, and POWERPOINT. This course, together with CBA G183, reviews the skills needed to prepare for the Core Microsoft Office Specialist (MOS) Exams for Word, Excel, Access, and PowerPoint. This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G182 - 2 Units
OFFICE, Introduction
Advisories: Proper keyboarding skills and basic computer skills are suggested. This course will help students transition to the commonly used features and functionality of the latest Microsoft Office suite of application software, as well as update their skills in file management techniques by searching for and locating files and folders. This course is designed for students who have worked with earlier versions of Microsoft Office applications, such as Word, Excel, Access, and PowerPoint, and who wish to upgrade their skills with the latest version. Topics include using the new user interface, contextual tabs, ribbons, and commonly used features and functions to create and edit Word documents, work with Excel spreadsheets, work with Access databases, create and edit dynamic presentations in PowerPoint. This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G183 - 4 Units
Office, Intermediate
Advisories: CBA G181 or equivalent
This course covers computer business applications used in today's businesses using intermediate to advanced features and functionality of Microsoft OFFICE to create, edit, and format various business documents, spreadsheets, databases, and presentations. Students will learn how to use styles, lists, charts, web pages, advanced proofing options, and markup tools using WORD; use advanced functions, sorting, and filtering options, and create charts, diagrams, and templates using EXCEL; enhance tables, queries, forms, and reports using ACCESS; and apply advanced graphic, audio, and video techniques using POWERPOINT. This course, together with CBA G181, reviews the skills needed to prepare for the Core Microsoft Office Specialist Exams (MOS) for Word, Excel, Access, and PowerPoint. This course may be taken four times when new products, new software versions or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER BUSINESS APPLICATIONS G190 - 1.5 Units
Internet, Introduction
Advisories: Computer Business Applications G150
This course provides hands-on experience for office professionals using the Internet. Emphasis includes using the Internet, E-mail, job listings, browsing the World Wide Web, locating government and business information, using office management resources, downloading information and software, and researching products and services. Lecture & lab. Optional pass/no pass grade. Eight-week course. Transferable to CSU.
COURSES

COMPUTER BUSINESS APPLICATIONS G195 - 1.5 Units
Acrobat, Introduction
This course is designed for students who wish an introductory, hands-on experience with Adobe Acrobat software, which has become the essential tool for universal electronic document exchange. Students will learn to convert existing documents to an interactive multi-platform Portable Document Format (PDF) file that can be distributed electronically; to create Adobe PDF from Web pages; to use Acrobat Professional in the document review cycle; to put documents online; and to use Acrobat to fill out forms. With Adobe Acrobat students will be able to publish any document in PDF, preserving the exact look and content of the original and making its content available to any user who has downloaded the free Acrobat Reader computer program readily available on the Internet. This course may be taken 4 times when new features or versions are taught. Lecture & lab. Optional pass/no pass grade. Eight-week course. Transferable to CSU. May not be offered each semester.

COMPUTER BUSINESS APPLICATIONS G196 - 2 Units
Overview of Web Design
This course presents an overview of the fundamentals of Web design including some of the broad concepts and practices necessary for good Web design. Students will briefly review the historical, technical, and practical aspects of Web design, and will be introduced to basic Web design concepts. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE

COMPUTER SCIENCE G101 - 3 Units
Computer Literacy
This course is designed to provide students with a brief overview of computing concepts and terminology. It will acquaint the student with the social implications of pervasive computer technology in our society. A good course for the student who wants a first experience in computing. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

COMPUTER SCIENCE G102 - 4 Units
Computer Software Development, Introduction
This course will introduce students to the basic principles of computers and software development. Computer architecture concepts and principles of operation, operating systems basics, file management, and software development principles will be discussed, demonstrated and practiced. Common programming languages, including Java, C, C++, and Visual Basic will be discussed and small programs in each language will be written. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G121 - 4 Units
Creating Game Artwork, Introduction
Advisories: Computer Science G130
This course is a study in the process of computer game artwork and animation. Students will be introduced to the basic building blocks of 3D game artwork and the process of its creation. Concepts of graphics objects, rendering, shading, alpha blending, texture mapping, and materials will be discussed. Students will learn hands on 3D computer modeling techniques as well as texture map creation using a digital imaging software and UV mapping tools. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G127 - 4 Units
Introduction to Programming with PHP and MySQL
Advisories: Comp Sc G102 or Comp Sc G130
This course will cover the fundamentals of Web-based software development using the PHP scripting language together with HTML and MySQL Open Source Database. The process of software development will be discussed to include: designing, writing source code, executing, and testing and debugging. Data types, arithmetic and logical expressions, debugging, looping, branching, modularization, simple database access, simple database structures and simple HTML will be discussed in lectures and practiced through lab projects. Web-based Internet applications will be designed and created. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G130 - 4 Units
Survey of Computer Science/Information Technology
This class surveys computer science and information technology with emphasis on computer business applications. The student will be exposed to computer concepts including components of a computer, operating systems, utility programs, terminology, communications, networking, internet usage, ethical issues and computer application software, such as word processing, spreadsheets, database, database query and presentation software. The student will complete projects in a desktop computer environment. Lecture & lab. Optional credit/no credit or grade. Transferable to CSU; UC. (CAN BUS 6) Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

COMPUTER SCIENCE G135 - 4 Units
UNIX/Linux Operating System
Advisories: Computer Science G102 or Computer Science G103
This course provides an overview of UNIX / Linux Operating System. Students will learn concepts such as file system, variables and permissions, plus file and directory management commands, editors, filters, links and redirection. Lab sessions will be provided to practice and finish home works executing UNIX / Linux commands, both in the shell and the Graphical User Interface (GUI) environments. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

COMPUTER SCIENCE G145 - 4 Units
C Language Programming
Advisories: Previous computer programming experience. This course is a study of structured programming and systematic software development using the C language. Various data types, arrays, pointers, structures, and functions will be used to implement data tables, string functions, and interface algorithms. This course may be required for transferring Engineering/Math/Science majors. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

COMPUTER SCIENCE G147 - 4 Units
Game Programming, Introduction
Advisories: Computer Science G177 or G178
This course is designed to study the principles of computer game development. Students will be introduced to the basic building blocks of computer games and learn about the various game engines. Concepts of graphics objects, rendering, shading, transformation, alpha blending, stenciling, texture, and materials will be discussed and practiced. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.
COMPUTER SCIENCE G148 - 4 Units
Game Programming, Intermediate
Advisories: Computer Science G147
This course will present intermediate techniques and principles in developing computer games. Students will study and develop custom game engines, experiment with custom shaders using HLSL (High-Level Shading Language), interact with gaming input devices, study object motion and collision, integrate sound, and build and import characters using animation software. Visual Studio.Net will be used to create managed DirectX programs on the Windows platform. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU. Offered spring semester only.

COMPUTER SCIENCE G149 - 4 Units
Game Programming, Advanced
Advisories: Computer Science G148
This course will present advanced techniques and principles in developing multiplayer computer games. Students will study and develop advanced game engines, optimized 3D rendering sub-systems, Level Editors, and artificial intelligence algorithms for multiplayer online games. Visual Studio.Net and DirectX will be used to create multiplayer games on the Windows platform. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G150 - 4 Units
Mobile Game Programming
Advisories: Computer Science G148
This course will cover the principles of video game development for mobile devices. Students will be introduced to the basic building blocks of mobile platforms and the tools and components available for developing video games for these platforms. Concepts of graphics libraries, simulation tools, debugging facilities, memory and performance limitations, and development methodologies will be discussed and practiced. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G153 - 4 Units
Java Programming, Introduction
Advisories: Computer Science G102, Math G030
This course will cover the fundamentals of software development using the Java Language. The discussions of software development process will include: designing, writing source code, compiling, linking, executing, and debugging. Data types, arithmetic and logical expressions, debugging, loop, branching, modularization, dynamic memory allocation, classes and objects will be discussed in lectures and practiced through lab projects. Both console and GUI-based (Graphical User Interface) applications will be designed and created. This course may be taken 4 times. UC Credit limitations: Computer Science G153 and G174 combined maximum credit, one course. Lecture & lab. Optional pass/no pass grade. UC Credit limitations: Computer Science G153 and G174 combined maximum credit, one course. Transferable to CSU; UC.

COMPUTER SCIENCE G154 - 4 Units
Java Data Structures, Advanced
Advisories: Computer Science G153
Advanced programming techniques and Object Oriented Programming principles in Java will be exploited in learning the concepts of data structures. Students will gain theoretical and hands-on experience with the implementation of typical data structures (e.g., arrays, queues, stacks, linked-lists, trees, hashing, and graphs) used in programming applications. Principles of recursion, sorting, searching, optimization, classes, objects, inheritance, and polymorphism will be explored and practiced. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC. Offered spring semester only.

COMPUTER SCIENCE G167 - 4 Units
iPhone Programming with Objective C
Advisories: Successful completion of at least one course in C programming or one of these Object Oriented (OO) languages, C++, C# (CSharp), or Java, and should understand OO design and development concepts. This course will cover the fundamentals of iPhone application development using the Objective-C Language and the iPhone SDK (Software Development Kit). The application development process will include: designing for MVC (Model-View-Controller), writing source code, compiling, linking, executing, debugging, and testing. The theory and use of Cocoa and Cocoa Touch, Xcode, Interface Builder, Core Audio/Animation/Data/Location, UIKit (User Interface), GameKit and App design will be discussed in lectures and practiced through lab projects. iPhone applications will be designed and created. This course may be taken 2 times when new products, software or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G168 - 4 Units
iPhone Programming with Web
Advisories: CS G185 or equivalent or have at least 6 months of active experience in developing Web pages using HTML/CSS/JavaScript.
This course will cover fundamentals of iPhone mobile web application development utilizing current technologies including, but not limited to, HTML5 (HyperText Markup Lang.), CSS3 (Cascading Style Sheets), JavaScript, AJAX (Asynchronous JavaScript And XML (eXtensible Markup Language)), the Web DOM (Document Object Model), Dachcode and Dachcode templates, and Dashboard Widgets. iPhone applications will be designed and created. This course may be taken 2 times when new products, software or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G170 - 3 Units
Introduction to Business Software Solutions
(Same as: Business G170)
This course will provide students with knowledge and understanding of current software systems that enable businesses to ship and deliver materials and services. It will survey practices in enterprise software solutions such as Enterprise Resource Planning, Supply Chain, and Customer Relationship Management. The course will provide an overview of the use of technology to improve productivity and efficiency which is an essential part of today's business landscape. Recommended for people desiring a future in Management, IT Management, Business or Accounting. Lecture. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G171 - 4 Units
SQL Programming, Introduction
Advisories: Computer Science G145 or G153
This course will cover the fundamentals of database development using Structured Query Language (SQL). Using Access and Microsoft SQL Server, students will create databases, tables, indexes, rules, triggers, stored procedures, views, users, groups, and various other database objects. Complex SQL queries and transactions will also be discussed and implemented. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G175 - 4 Units
C++ Programming
Advisories: Computer Science G102, Math G030
This course will cover the fundamentals of software development using the C++ Language. The discussions of software development process will include: designing, writing source code, compiling, linking, executing, and debugging. Data types, arithmetic and logical expressions, debugging, loop, branching, modularization, static and dynamic memory allocation, classes and objects will be discussed in lectures and practiced through lab projects. Both console and GUI-based (Graphical User Interface) applications will be designed and created. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.
COMPUTER SCIENCE G176 - 4 Units  
Java Database Programming  
Advisories: Computer Science G154  
This course will cover the fundamentals of database programming using Java related technologies such as JDBC and Swing. Multi-tiered client/server and web-based applications will be discussed and created that will utilize Microsoft Access and Microsoft SQL Server databases. Structured Query Language will be discussed and practiced. Principles of distributed software development using J2EE will also be discussed. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G177 - 4 Units  
Visual Basic.NET  
Advisories: Computer Science G153 or G175  
This course will cover software development in the Microsoft .NET framework. Visual Basic .NET will be used as the development tool to discuss and practice Windows-based and Web-based applications. This course prepares students for Microsoft.NET Framework Web-Based Development Certificate and Windows Client Development Certificate. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G178 - 4 Units  
Visual C# .NET  
Advisories: Computer Science G153 or G175  
This course will cover software development in the Microsoft .NET framework. Visual C# .NET will be used as the development tool to discuss and practice Windows-based applications and Web-based applications. This course prepares students for Microsoft.NET Framework Web-Based Development Certificate and Windows Client Development Certificate. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G185 - 3 Units  
World Wide Web  
Advisories: Computer Science G130  
Discussions will include: the history, present status, and future trends of global communications via the Internet; network topologies and communication protocols; and Internet servers (World Wide Web, gopher, etc.). Student will search the Internet’s cyberspace, create HTML (HyperText Markup Language) pages, learn Visual Basic Scripting and Java Scripting, understand e-mail, Gopher, File Transfer Protocol, and various other internet elated tools and utilities. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G189 - 4 Units  
Data Structures with C++  
Advisories: Computer Science G175  
Advanced programming techniques and Object Oriented Programming principles in C++ will be exploited in learning the concepts of data structures. Student will gain theoretical and hands-on experience with the implementation of typical data structures (e.g., arrays, queues, stacks, linked-lists, trees, hashing, and graphs) used in programming applications. Principles of recursion, sorting, searching, optimization, classes, objects inheritance, and polymorphism will be explored and practiced. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC. Offered spring semester only.

COMPUTER SCIENCE G195 - 4 Units  
Client-Server Application Development  
Advisories: Computer Science G177  
This course will cover the fundamentals of Client-Server application development. Two- and Three-tier enterprise application design and development topologies will be discussed and practiced through assignments. Visual Basic.Net, Visual C# .Net, ADO.Net, ActiveX Data Objects, Microsoft SQL Server, and Structured Query Language (SQL) will be used in building real-life enterprise applications. Web Services will be studied and created to provide internet-wide sharing of business services. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COMPUTER SCIENCE G196 - 4 Units  
Web Programming with .NET  
Advisories: Computer Science G177 or G178  
Students will study and build eCommerce and eBusiness applications using various tools, languages, & utilities to include: Visual Basic .Net, C#, Code Behind, Active Server Pages.Net, ActiveX Data Objects.Net, Structured Query Language (SQL) & Common Gateway Interface. Web services will be discussed and implemented using XML, SOAP, WSDL, & UDDI. This course prepares students for Microsoft .NET Framework Web-Based Development Certificate. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

COMPUTER SCIENCE G198 - 4 Units  
Enterprise Java Development with J2EE  
Advisories: Computer Science G154  
This course will cover the fundamentals of enterprise-level, distributed and database-driven Java applications using J2EE (Java 2 Enterprise Environment). Various J2EE related technologies will be discussed and practiced including: JavaServer Pages (JSP), Enterprise JavaBeans (EJB), JDBC (Java Database Connectivity), Servlets, Applets, JNDI (Java Naming and Directory Interface), Jars, XML (Extended Markup Language), session and state management. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

COOPERATIVE WORK EXPERIENCE

COOPERATIVE WORK EXPERIENCE G100 - 1 Unit  
Personal Career Seminar  
Prerequisites: Student must have: (1) Consent of Program Coordinator or designee. (2) Working in a job directly related to college major or career goal. (3) Must be initially enrolled in a minimum of seven (7) units including Work Experience. This Career Seminar is designed for employed Cooperative Work Experience students who wish to gain higher levels of occupational competence. Students will complete a job portfolio. Topics will be explored that expressly relate to actual work experience learning, activities and issues. Veterans may utilize this course to obtain V.A. educational benefits for the related Cooperative Work Experience credit. This course may be taken 4 times. Lecture. Optional pass/no pass grade. Transferable to CSU. May not be offered each semester.

COOPERATIVE WORK EXPERIENCE G101 - G104 - 1-4 Units  
Cooperative Work Experience  
Prerequisites: Student must have: (1) Consent of Program Coordinator or designee. (2) Working in a job directly related to college major or career goal. (3) Must be initially enrolled in a minimum of seven (7) units including Work Experience. Designed to offer students the opportunity to earn credit for learning experiences identified in their job. Employment must relate to the student's educational or career goals. The learning value will be identified through the use of job related objectives. This course may be taken 4 times. Letter grade only. Transferable to CSU.
COSMETOLOGY

COSMETOLOGY 6021 - 11 Units
Cosmetology, Level I
A beginning course in cosmetology which acquaints the beginning student with basic scientific theory in anatomy, chemistry, physiology, bacteriology, sterilization, cytology, mycology, California State Board rules and regulations and the principles of wet hair-styling, hair cutting, hair coloring, permanent waving, scalp treatment and professional ethics. Level I is the first in a series of five. Each week of instruction consists of 40 hours or 8 hours per day. Lecture & lab. Letter grade only.

COSMETOLOGY 6022 - 11 Units
Cosmetology, Level II
Prerequisites: Cosmetology G021
An intermediate course in cosmetology which acquaints the student with basic scientific theory in trichology, occupational health and safety, communicable diseases in the workplace, dermatology, communication skills and the principles of facials, maneuvering, men and women’s hair cutting, styling, hair coloring, chemical straightening and permanent waving. Students will begin to practice operations on live models in order to perfect their skill. Level II is the second in a series of five. Each week of instruction consists of 40 hours or 8 hours per day. Lecture & lab. Letter grade only.

COSMETOLOGY 6023 - 8 Units
Cosmetology, Level III
Prerequisites: Cosmetology G022
An advanced course in cosmetology that acquaints the student with basic scientific theory in electricity as it applies to cosmetology, heat and light energy, neurology, osteology, occupational safety precautions of HIV/AIDS and hepatitis B, disorders of the skin, scalp and hair, salon management, ergonomics. This course acquaints the student with the principles of advanced facials and maneuvering and introduces long hair design. The student engages in manipulative training and practices these skills on patrons from the community in a beauty salon atmosphere. Level III is the third in a series of five. Each week of instruction consists of 40 hours or 8 hours per day. Lecture & lab. Letter grade only.

COSMETOLOGY 6024 - 8 Units
Cosmetology, Level IV
Prerequisites: Cosmetology G023
An advanced course in cosmetology that acquaints the student with scientific theory in cosmetic chemistry, hazardous substances, wigs and hair pieces, professional development, business skills, employment opportunities, personal record keeping, salesmanship and the principles of advanced hair sculpting, coloring and styling techniques. The student engages in manipulative training and practices these skills on patrons from the community in a beauty salon atmosphere. Level IV is the fourth in a series of five. Each week of instruction consists of 40 hours or 8 hours per day. Lecture & lab. Letter grade only.

COSMETOLOGY 6025 - 8 Units
Cosmetology, Level V
Prerequisites: Cosmetology G024
An advanced course in cosmetology which acquaints the student with the State Board of Cosmetology examination and preparation for job interview skills. The student engages in advanced manipulative training and practices these skills on patrons from the community in a beauty salon atmosphere. Level V is the fifth in a series of five. Each week of instruction consists of 40 hours or 8 hours per day. Lecture & lab. Letter grade only.

COSMETOLOGY 6071 - 9 Units
Esthetics - Level 1
This is the first session of two nine week courses comprising of 360 hours to be applied to a State Board Certification in Esthetics. This course is designed to introduce the beginning student to standards of professional conduct and to scientific theory of all subjects dealing with skin care, (i.e. anatomy, histology of the skin). It also provides a laboratory experience with an emphasis on skin care techniques, such as massage, hair removal, skin analysis, use of electrical modalities, as well as basic makeup. Lecture & lab. Letter grade only.

COSMETOLOGY 6072 - 9 Units
Esthetics - Level 2
Prerequisites: COSM 6071
This is the second session of two nine week courses comprising of 360 hours to be applied to a State Board Certification in Esthetics. It is designed to provide a more in-depth knowledge of Esthetics including the scientific theory pertinent to skin (i.e. chemistry, nutrition). The students will learn skin care theory and receive more advanced laboratory training including the application of chemical peels, massage techniques, hair removal and proper use of electrical facial modalities. Students will learn the skills required to render most professional services. Lecture & lab. Letter grade only.

COUNSELING

COUNSELING G100 - 1.5 Units
Career Planning
A course designed to assist students in developing intelligent career decisions. Standardized assessments, discussions and assignments will enable the student to clarify values, interests, abilities and personality characteristics that fit with possible career options. Lecture. Pass/no pass only. An eight-week course Transferable to CSU.

COUNSELING G103 - 1 Unit
Educational Planning for Student Success
This course is designed to assist students in taking charge of their educational experiences. Students will receive important information about college programs and services, academic policies and procedures, an exploration of higher education in California and educational planning. Each student will develop an individualized student educational plan to meet their educational goals. Lecture. Pass/no pass only. A six-week course. Transferable to CSU.

COUNSELING G104 - 3 Units
Career and Life Planning
(Formerly known as: Career and Life Planning: A Holistic Approach)
This is an extensive career and life planning course within the broad perspective of psychological, sociological, and physiological theories. Emphasis will be placed on self-esteem/self-concept, values, motivation, gender and cultural issues in the workplace and global economies through a holistic approach. Students engage in a variety of self-discovery initiatives exploring personal interests, values and abilities. With this information, students utilize various exploration techniques to define and clarify educational and career plans. In addition, various methods of researching academic and career opportunities are explored. Lecture. Optional pass/no pass grade. Transferable to CSU.

COUNSELING G199 - 0.5-2 Units
Counseling Topics
Presentation, discussion and study of personal development issues. Topics may include employability skills, motivation, values clarification, decision making, self-esteem and current issues. Units will vary depending on topic and number of meetings scheduled. Intended for students wishing to deal with issues relating to their own personal development and/or helping others with these issues. This course may be taken 4 times. Lecture. Pass/no pass only. Transferable to CSU.
COURSES

CRIMINAL JUSTICE

CRIMINAL JUSTICE G002 - 0.25-0.5 Units
Tactical Training
Prerequisites: Criminal Justice G064
This course is designed to fulfill the Peace Officer Standards and Training requirements for continuing professional training for in-service officers. This section introduces continuing professional training in the area of tactical training. One-week course. Lecture. Pass/no pass only. One-week course.

CRIMINAL JUSTICE G003 - 0.25-0.5 Units
Legislative Mandates
Prerequisites: Criminal Justice G064
This course is designed to fulfill the Peace Officer Standards and Training requirements for continuing professional training for in-service officers. This section specifically pertains to those subject areas that are legislatively mandated by the Penal Code. One-week course. Lecture. Pass/no pass only. One-week course.

CRIMINAL JUSTICE G004 - 0.25-0.5 Units
Firearms Training
(Formerly known as: CJ 050-4AD)
Prerequisites: Criminal Justice G064
This course is designed to fulfill the Peace Officer Standards and Training requirements for continuing professional training for in-service officers. This section deals with firearms training, i.e. new weapons, new techniques, new procedures. One-week course. Lecture. Pass/no pass only. One-week course.

CRIMINAL JUSTICE G005 - 0.25-0.5 Units
Arrest and Control Techniques
Prerequisites: Criminal Justice G064
Continuing professional training for in-service officers that is intended to meet the new legislative mandated training requirements. This section deals with arrest and control techniques in the areas of carotid holds, take down and arrest procedures, handcuffing, etc. A one week course. Lecture. Pass/no pass only. One-week course.

CRIMINAL JUSTICE G006 - 0.25-0.5 Units
Impact Weapons Training
Prerequisites: Criminal Justice G064
This course is designed to fulfill the Peace Officer Standards and Training requirements for continuing professional training for in-service officers. This section deals with the use of straight stick and side handle batons. A one week course. Lecture. Pass/no pass only. One-week course.

CRIMINAL JUSTICE G007 - 0.25-0.5 Units
EMS Requirements
Prerequisites: Criminal Justice G064
Continuing professional training for in-service officers that is intended to meet the new legislative mandated training requirements. This section teaches the most current EMS First Aid and CPR lifesaving techniques. A one week course. Lecture. Pass/no pass only. One-week course.

CRIMINAL JUSTICE G016 - 0.13-0.25 Units
Expandable Baton, Basic Training
Prerequisites: Graduate of a POST Basic Academy class and sworn peace officer.
This course is designed to provide sworn peace officers with the skills and hands-on experience necessary to deploy the expandable baton. It introduces theoretical concepts to provide a thorough understanding of potential altercations and how to diffuse the predictable escalation in order to avert possible violence. It includes hands-on instruction in the technical and operational aspects of the expandable baton and use of force concepts. Eight to sixteen-hour course. Lecture & lab. Pass/no pass only. Eight to sixteen-hour course.

CRIMINAL JUSTICE G019 - 1.5 Units
Dispatcher Update
This course offers continuing professional training for in-service dispatchers. This training deals with interpersonal communication skills in the workplace, recognition and management of dispatch stress symptoms, communication techniques in crisis management, and preparation for courtroom testimony and internal affairs investigations. Lecture. Pass/no pass only.

CRIMINAL JUSTICE G020 - 1.5 Units
Radar Operator Recertification
Prerequisites: Criminal Justice G064
This P.O.S.T. (Peace Officers Standards and Training) certified course is designed to provide an update on the legal and technical use of police traffic radar. It includes an overview of the characteristics and functions of radar components, effects of radar use, and calibration techniques. Lecture. Pass/no pass only.

CRIMINAL JUSTICE G021 - 0.5 Units
Laser Operator Certification
Prerequisites: Criminal Justice G064
Advisories: Criminal Justice G020
This P.O.S.T. certified course is designed to provide training on use of police traffic LASER (Light Amplification of Stimulated Emission of Radiation) - also referred to as LIDAR (Light Detection and Ranging) for speed and distance measuring. The course gives an overview of the characteristics and functions of LASER components as well as the effects of LASER use. It also includes techniques for the verification of the calibration of the LASER device. Lecture. Pass/no pass only.

CRIMINAL JUSTICE G022 - 1.5 Units
Parolee Contacts
Prerequisites: Criminal Justice G064 or Criminal Justice G090
This course provides an overview of prison culture, parolee psychology, the parole system, and issues related to contacting, and identifying parolees. Areas of focus include prison gangs, tattoo identification, and parolee interview techniques. This course is designed to improve a peace officer’s ability to understand and communicate effectively with state prison parolees. This course may be taken 4 times. Lecture. Pass/no pass only.

CRIMINAL JUSTICE G031 - 1 Unit
Character Development for Law Enforcement
This course defines the principals of personal character as they relate to ethics and it establishes the critical role that character plays in the ethical decision making of a person’s personal and professional life. It examines how ethical choices impact the professional law enforcement environment and the subsequent effect on police service. Additionally, the course considers how character influences the training, supervision, management and leadership of successful law enforcement organizations. This exceptional course is the only known curriculum that specifically addresses character and how this quality relates and affects professional law enforcement. A sixteen-hour course. Lecture. Optional pass/no pass grade. A sixteen-hour course. Transferable to CSU.
COURSES

CRIMINAL JUSTICE G040 - 1 Unit
Crisis Intervention Training for Law Enforcement
Prerequisites: CJ G064 Police Academy Regular Course (or equivalent)
This course is designed to train law enforcement officers to handle crisis situations involving people of all ages with serious mental illnesses and developmental disabilities. Topics include crisis and suicide intervention, officer and public safety, medications, overview of mental health services, cultural and linguistic diversity, legal issues, and disposition options. Guest speakers are part of the instructional format of this course and include panels of mental health consumers and their families. This course may be taken 4 times. Lecture. Pass/no pass only.

CRIMINAL JUSTICE G046 - 4 Units
Civilian Supervisor, Law Enforcement
P.O.S.T. certified course providing newly appointed or experienced civilian supervisors with formal training in the concepts, techniques and practical application of basic supervisory skills as they pertain to police operations. An eighty hour, two week course. Lecture. Pass/no pass only.

CRIMINAL JUSTICE G054 - 2 Units
Police Academy, Regular Basic Course, Orientation
This course is designed to familiarize the student with the police academy training program and provide a better understanding of the requirements and commitments that must be considered. This comprehensive program will assess the suitability and employability of potential academy recruits. Students will be required to complete job-related tests in preparation for the police academy and a career as a police officer. This course may be taken 4 times. A four-week course. Lecture & lab. Pass/no pass only. A four-week course.

CRIMINAL JUSTICE G055 - 1.5 Units
Pre-Academy Physical Fitness
The Pre-Academy Physical Fitness Course is designed to prepare students for the physical aspects of the police academy course approved by the California Commission on Peace Officer's Standards and Training (POST). Students will perform various physical exercises including the POST-mandated physical agility test (99-yard agility run, body drag, six-foot solid wall, six-foot chain link fence & 500-yard run), cardiovascular exercises including the POST-mandated physical agility test (99-yard agility run, body drag, six-foot solid wall, six-foot chain link fence & 500-yard run), and various calisthenics. Proper body mechanics, techniques, and conditioning principles will be applied with an emphasis on proper nutrition and injury prevention. This course may be taken 4 times. Lecture & lab. Pass/no pass only.

CRIMINAL JUSTICE G064 - 23 Units
Police Academy - Regular Basic Course
Prerequisites: Criminal Justice G054
Corequisites: Criminal Justice G065
This course provides the fundamentals of basic police training in compliance with the minimum standards established by the California Commission on Peace Officer Standards and Training (POST). The training includes community based policing concepts, techniques, and observation of application. Student will be graded and evaluated on academic accomplishment, physical skills, handgun proficiency, and demeanor. Forty hours per week for 24 weeks. Lecture & lab. Letter grade only.

CRIMINAL JUSTICE G065 - 2 Units
Police Academy - Lifetime Health & Fitness
Prerequisites: Criminal Justice G054
Corequisites: Criminal Justice G064
The Lifetime Fitness course stresses the important components of a lifestyle that supports the development and maintenance of good physical and mental health and reduces the risk of illness or injury. The primary focus emphasizes sound physical and mental health and the direct impact on the fitness and endurance of the law enforcement professional. Lecture & lab. Letter grade only.

CRIMINAL JUSTICE G067 - 1.5 Units
Advanced In-Service Training Issues
New laws and court decisions, arrest, search and seizure, changes in enforcement policy, new concepts in police technology, community relations, police ethics and integrity. Lecture. Pass/no pass only.

CRIMINAL JUSTICE G070 - 4 Units
Sergeant Supervisory, Law Enforcement
P.O.S.T. certified 80-hour course. Fundamentals of police supervision and management, including training, supervision and evaluation. Lecture. Pass/no pass only.

CRIMINAL JUSTICE G071 - 2.5 Units
P. C. 832 - Laws of Arrest
This course is designed to satisfy the curriculum standards of the California Commission on Peace Officer Standards and Training (POST) as required by California Penal Code section 832. Course topics include leadership, professionalism, ethics, criminal justice system, policing in the community introduction to criminal law, laws of arrest, search and seizure, presentation of evidence, investigative report writing, use of force, preliminary investigation, arrest methods and defensive tactics (requires physical ability to perform procedures), crimes against the justice system, and cultural diversity. This course may be taken 4 times. Lecture & lab. Pass/no pass only.

CRIMINAL JUSTICE G072 - 1 Unit
P. C. 832 - Firearms
This course is designed to satisfy the firearms curriculum standards of the California Commission on Peace Officer Standards and Training (POST) as required by California Penal Code section 832. To enroll in this course, students must have a Department of Justice clearance letter on file with the Golden West College Criminal Justice Training Center. A POST PC 832 certificate will be awarded only to those students who successfully complete the “Firearms Section” (CJ G072) and the “Laws of Arrest Section” (CJ G071) of the PC 832 course. Students are responsible for payment of firearms range and ammunition fees of approximately $125.00. This course may be taken 4 times. Lecture & lab. Pass/no pass only.

CRIMINAL JUSTICE G077 - 1 Unit
Long Rifle, Marksmanship
Prerequisites: Criminal Justice G092
This course is designed to teach long rifle shooting techniques to police officers who have been assigned to their departments’ SWAT team as a long rifle marksman. One week course. Lecture & lab. Pass/no pass only. One week course.

CRIMINAL JUSTICE G078 - 6.5 Units
Public Safety Dispatcher Basic (Intensive Format)
Advisories: The student should be currently employed as a dispatcher for a public safety agency. The student should have a basic understanding of the following subjects as they apply to the position of dispatcher: California statutory codes, law enforcement radio codes; the phonetic alphabet; military time; police jargon and abbreviations; telephone and radio procedures. The purpose of this course is to provide the student with an understanding of the basic roles, responsibilities, and duties of a dispatcher within a public safety agency. This course provides standardized dispatcher training and introduces students to the skills and knowledge necessary to work in a communications center in a productive and professional manner. This intensive format course is approved by the California Commission on Peace Officer Standards and Training (P.O.S.T.) and is designed for the student who is currently employed as a dispatcher for a public safety agency. A three-week course. Lecture & lab. Pass/no pass only.

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CRIMINAL JUSTICE G079 - 6.5 Units
Public Safety Dispatcher Basic (Extended Format)
The purpose of this course is to provide the student with an understanding of the basic roles, responsibilities, and duties of a dispatcher within a public safety agency. This course provides standardized dispatcher training and introduces students to the skills and knowledge necessary to work in a communications center in a productive and professional manner. This extended format course is approved by the California Commission on Peace Officer Standards and Training (P.O.S.T.) and is designed for the entry level student who is not currently employed as a dispatcher with a public safety agency. Lecture & lab. Letter grade only.

CRIMINAL JUSTICE G080 - 2 Units
Communications Training Officer
Prerequisites: Criminal Justice G078 and minimum of one year experience as a public safety dispatcher.
This course provides the fundamentals of one to one dispatcher training, demonstration skills for teaching 911/public safety radio techniques and methods of evaluating probationary public safety dispatchers. Will provide the student with skills necessary to effectively manage the demands of the assignment as a trainer. Lecture. Pass/no pass only.

CRIMINAL JUSTICE G082 - 1 Unit
Long Rifle, Advanced
Prerequisites: Criminal Justice G077
This course is designed to teach advanced long rifle shooting techniques to police officers who have been assigned to their departments' SWAT team as a long rifle marksman. Three day course. Lecture & lab. Pass/no pass only. Three-day course.

CRIMINAL JUSTICE G090 - 15 Units
Specialized Investigator's Basic Course (SIBC)
Prerequisites: Criminal Justice G053AD or current employment as a Specialized Investigator in a California law enforcement agency
Corequisites: Criminal Justice G098
Basic knowledge and skills to satisfy the minimum standards established by the California Commission on Peace Officers Standards and Training (POST) for persons serving as Specialized Investigators in the State of California. This course includes both physical and academic standards for successful completion. Forty-hours a week for sixteen weeks. Lecture & lab. Letter grade only. Forty-hours a week for sixteen weeks.

CRIMINAL JUSTICE G091 - 1 Unit
Reserve Coordinator
This course is designed to address contemporary training needs of law enforcement reserve coordinators by providing new techniques for managing reserve peace officer organizations. Emphasis on new training standards for designated and non-designated level 1 reserve officers, new trends and legislation concerning reserve officers. Lecture. Pass/no pass only.

CRIMINAL JUSTICE G092 - 4 Units
SWAT, Special Weapons and Tactics, Basic
Prerequisites: Criminal Justice G064 and permission of Criminal Justice Training Center
Concepts, planning, tactical operations, approach/entry/search techniques; use of chemical agents, weapons, rappelling and task-related physical activities. A two-week course. Lecture. Pass/no pass only. A two-week course.

CRIMINAL JUSTICE G095 - 3 Units
Leadership Development Program for Law Enforcement
Prerequisites: Criminal Justice G064 and G070
This course is designed to teach the necessary components for examining and learning the essentials of leadership and to recognize and distinguish issues which influence police integrity, public trust, and loyalty. It analyzes the evaluation policy of the law enforcement agency. It appraises the current system, and examines how assertive leadership influences the behavior and performance of subordinates. It also teaches preparation and formulation of employee performance appraisals. It compares and assesses the supervisor's role in the disciplinary process. In addition, it examines connection between leadership and effective communication. The difference between civil and criminal accountability will be explored and debated along with the concept and application of Community Oriented Policing and Problem Solving. Lecture & lab. Pass/no pass only.

CRIMINAL JUSTICE G096 - 4 Units
Investigations and Trial Preparation, District Attorney
Prerequisites: Criminal Justice G064
This course is designed for the police officer who has been, or is about to be transferred to the investigative staff of a district attorney's office. A two week course. Lecture. Pass/no pass only. A two-week course.

CRIMINAL JUSTICE G098 - 3 Units
Report Writing for Specialized Investigators' Basic Course
Corequisites: CJ G090
This course satisfies the investigative report writing minimum standards established by the California Commission on Peace Officers Standards and Training (POST) for persons serving as Specialized Investigators in California. Lecture. Letter grade only.

CRIMINAL JUSTICE G099 - 2 Units
P.O.S.T. Instructor Certification
Prerequisites: Criminal Justice G064 or approval by director of Criminal Justice Training Center
This course specifically addresses delivery of the POST (California Commission on Peace Officer Standards and Training) Basic Course curriculum and is designed to expand and enhance the competency and effectiveness of the criminal justice instructor. Course components are structured to deal with the subject matter expertise, various instructional techniques, adult learning concepts, student driven learning and validation exercises. This course may be taken 4 times. Lecture & lab. Pass/no pass only.

CRIMINAL JUSTICE G107 - 3 Units
Drugs, Health, and Society
(Same as Health Education G107)
This course will explore the different categories of drugs, such as over-the-counter, prescription, and illegal "recreational drugs." Drugs and their relationships to a person's health and wellbeing will be discussed. The motivation to use drugs, abuse and addiction, family concerns, identification of drugs, enforcement, and addiction intervention methods will also be reviewed. Lecture. Optional pass/no pass grade. Transferable to CSU.

CRIMINAL JUSTICE G110 - 3 Units
Criminal Investigation
This course addresses the fundamentals of criminal investigation including searches, interview and interrogation techniques, crime scene investigation, sources of information, and case preparation and management. Lecture. Letter grade only. Transferable to CSU.
CRIMINAL JUSTICE G115 - 3 Units
Organized Crime and Terrorism
This course analyzes the cultural and historical bases of organized crime and terrorism. Described are the social and theoretical background of the phenomena, the roles of culture and religion, and examples of organized criminal and terrorist activities. Options in dealing with organized crime and terrorism are reviewed. Lecture. Letter grade only. Transferable to CSU.

CRIMINAL JUSTICE G123 - 3 Units
Juvenile Law
This course provides a study of the juvenile justice system including the roles of the three components of the criminal justice system: law enforcement, courts, and corrections. It examines patterns of criminal delinquent behavior and the historical and modern theories that explain this behavior and how to control it. This course also examines dependent children as a result of abuse and neglect. Lecture. Letter grade only. Transferable to CSU; UC.

CRIMINAL JUSTICE G128 - 3 Units
 Criminal Procedure & Evidence
This course provides an overview of procedural criminal and evidentiary law. This course examines state and federal constitutional, statutory, and case law governing criminal prosecutions and post-conviction proceedings. Lecture. Letter grade only. Transferable to CSU.

CRIMINAL JUSTICE G130 - 3 Units
Character Development for Law Enforcement
This course defines the principals of personal character as they relate to ethics and it establishes the critical role that character plays in the ethical decision making of a person’s personal and professional life. It examines how ethical choices impact the professional law enforcement environment and the subsequent effect on police service. Additionally, the course considers how character influences the training, supervision, management and leadership of successful law enforcement organizations. This exceptional course is the only known curriculum that specifically addresses character and how this quality relates and affects professional law enforcement. A thirty-two hour course. Lecture. Optional pass/no pass grade. Transferable to CSU.

CRIMINAL JUSTICE G137 - 3 Units
Community Relations and Special Issues in Criminal Justice
This course addresses multiple social issues challenging law enforcement today. It explores the vital aspects of Community Oriented Policing and Problem Solving, Proactive/Reactive Policing, cultural diversity, prejudice/discrimination/hate/stereotyping/victim selection/victimization, and other social forces that shape human values and attitudes. The course examines current demographic trends, dynamics, and interactions of Californians minority groups and multi-faceted sub-cultures as they relate to the criminal justice system in a free society. Lecture. Letter grade only. Transferable to CSU; UC.

CRIMINAL JUSTICE G139 - 3 Units
Emergency Medical Response
First response course taught from a law enforcement perspective. Covers CPR, first aid, and response to special occurrences. Meets Title 22 and POST (California Commission on Peace Officer Standards and Training) requirements. Students receive American Red Cross certification in Professional Racer and Emergency Response/First Aid. Lecture. Letter grade only. Transferable to CSU.

CRIMINAL JUSTICE G140 - 3 Units
Introduction to Criminal Justice
This course analyzes the characteristics of the criminal justice system. The course introduces students to the history of criminal law, the legal process, and theories of punishment. The course focuses on the interrelationship of the criminal justice system components, crime reporting methodology, theories of crime causation, and current challenges to the system. Lecture. Letter grade only. Transferable to CSU; UC.

CRIMINAL JUSTICE G141 - 3 Units
Criminal Law I
This course analyzes the historical and modern development, classification, and sources of criminal law. This course also examines criminal law as it applies to inchoate crimes, parties to crimes, and defenses to criminal acts. UC Credit limitations: Criminal Justice G141 and G142 combined maximum credit, one course. Lecture. Letter grade only. UC Credit limitations: Criminal Justice G141 and G142 combined maximum credit, one course. Transferable to CSU; UC.

CRIMINAL JUSTICE G142 - 3 Units
Criminal Law II
This course analyses general criminal statutes, crimes against persons, crimes against property, crimes against the justice system, and crimes against the public peace and morals. UC Credit limitations: Criminal Justice G141 and G142 combined maximum credit, one course. Lecture. Letter grade only. UC Credit limitations: Criminal Justice G141 and G142 combined maximum credit, one course. Transferable to CSU; UC.

CRIMINAL JUSTICE G146 - 3 Units
Police Report Writing
Advisories: Criminal Justice G142
Techniques communicating facts, information and ideas in an effective, simple, clear and logical manner, as they are applied to various types of reports and memoranda used in the criminal justice system. Emphasis is on criminal justice technology, interviewing techniques, the proper use of English, organization of information, and practical application of these areas in note taking, proper completion of felony and misdemeanor crime reports, menus and routine forms, and the presentation of testimony in court. Lecture. Letter grade only. Transferable to CSU.

CRIMINAL JUSTICE G150 - 3 Units
Introduction to Corrections
This course is designed to introduce students to corrections-based systems. It covers all aspects of corrections and how they relate to the entire criminal justice system. Students will study probation, parole, jail and prison programs currently in use in the United States. Incarceration trends will be analyzed, and how political environments effect the prosecution and sentencing process. Students will explore different institutional programs, including the use and effectiveness of community based corrections programs. Students will gain an understanding of the issues related to managing inmates in institutions and the constitutional issues that surround the corrections system. Lecture. Letter grade only. Transferable to CSU.
COURSES

COURSES

CRIMINAL JUSTICE G151 - 3 Units
Practical Aspects of Corrections
Advisories: Criminal Justice G150
This course is a follow-up course to Criminal Justice G150 (Introduction to Corrections) and explores practical aspects of the modern correctional environment. It includes concepts of correctional ideology including professionalism, victimology, restorative justice, sentencing, diversion, juveniles in the adult system, and issues related to inmates with special needs. This course also studies the characteristics and needs of male, female, and juvenile inmates, and explores constitutional issues related to these inmate classifications. Lecture. Letter grade only. Transferable to CSU.

CRIMINAL JUSTICE G152 - 3 Units
Probation and Corrections: Case Planning and Supervision
This course provides a comprehensive introduction to effective case planning, supervision, and intervention techniques for probation and corrections officers working with adult and juvenile criminal offenders. This course offers the student a practical introduction to a career as a probation, parole, or corrections officer. Lecture. Letter grade only. Transferable to CSU.

CRIMINAL JUSTICE G160 - 3 Units
Introduction to Forensics (and Evidence Technology)
This course provides an introduction to forensic investigations and their application to the criminal investigative process. Topics include history and development of forensic science, forensic science careers, legal aspects of investigation, basic crime scene processing and methods of evidence collection, identification, and preservation. Specific areas of focus include fingerprint identification, computers, drugs, alcohol, firearms, death investigations, DNA, sexual assault, and courtroom testimony. Lecture. Letter grade only. Transferable to CSU.

CRIMINAL JUSTICE G161 - 3 Units
Introduction to Fingerprint Identification
This course is designed to provide the student with a detailed understanding of the forensic fingerprint identification process. The student will learn fingerprint development, comparison, and identification techniques. Lecture. Letter grade only. Transferable to CSU.

CRIMINAL JUSTICE G165 - 3 Units
Forensic Photography
This course provides an introduction to the applications of photography in the criminal investigative process. General topics include camera equipment operation, digital photography, daylight and night scene photography. Specific topics include crime scene documentation, fingerprints, tire tracks, shoe prints, corporal injuries, and autopsies. This course introduces the student to firearm, arson, and homicide investigations, and to the presentation of photographic evidence in court. Students enrolling in this course must have access to a single lens reflex camera, or digital camera, with a manually adjustable lens and shutter speed. Lecture. Letter grade only. Transferable to CSU.

CRIMINAL JUSTICE G220 - 3 Units
Forensic Accounting, Introduction
(Same as: Accounting G220)
This course provides an introduction to the fundamentals and techniques of investigative and forensics accounting. The development of forensic accounting as a discipline and its interaction with business, law, auditing and information systems will be explored. Subjects include financial statement and tax fraud, divorce and bankruptcy, identity theft and various white-collar crimes. Forensic principles necessary to detect, prevent and prosecute financial crimes will be explored. Lecture. Optional pass/no pass grade. Transferable to CSU.

CRIMINAL JUSTICE G230 - 3 Units
Forensic Accounting, Intermediate
Advisories: Accounting G220
This course provides instruction and practice in fundamental modern dance techniques, improvisation and composition. Development of an understanding and appreciation of modern dance as an art form. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

CRIMINAL JUSTICE G260 - 1 Unit
Dance Conditioning and Stretches
This course provides instruction and practice in fundamental stretching techniques, strength conditioning and correction of body alignment. Students will learn stretch combinations on the floor, with partners and at the ballet barre. There will be discussions of anatomical theories and exercises leading to correct body alignment. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

CRIMINAL JUSTICE G270 - 1 Unit
Dance Conditioning, Intermediate
Advisories: Dance G105
This course provides instruction and practice in intermediate level dance conditioning techniques, which includes Pilates training. Hatha yoga, gyrokinsis yoga, ballet floor barre and fitness training techniques. There will be discussion of nutrition and anatomical theories leading to correct body alignment. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

CRIMINAL JUSTICE G280 - 1 Unit
Dance Conditioning, Intermediate
Advisories: Dance G110
This course is designed to introduce students to the basic dance techniques of modern dance, jazz dance and ballet. Recommended for students without recent dance experience. Recommended as a course to be taken preceding Dance G100, G120 or G125. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

CRIMINAL JUSTICE G290 - 0.5-1 Units
Ballroom Dance
A course designed to acquaint students with the fundamentals and various styles of ballroom dancing. There will be an introduction and overview to smooth, Latin, swing, and variety dances. The basics and variations of dances to be taught may include but are not limited to Fox Trot, Waltz, Cha Cha, Tango, Swing, Polka, Salsa, Country, Two Step, Cajun, and Hustle. The course overview is intended to cover the basic footwork, variations, styling, rhythm, timing, lead-follow, and dance characteristics of the dances taught. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

CRIMINAL JUSTICE G300 - 1 Unit
Beginning Tap Dance
This course provides instruction and practice in beginning tap techniques. The course will include an analysis of basic skills in tap dance movement and its relationship to the musical accompaniment. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

CRIMINAL JUSTICE G310 - 1.5 Units
Beginning Tap Dance
This course provides instruction and practice in beginning tap techniques. The course will include an analysis of basic skills in tap dance movement and its relationship to the musical accompaniment. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

CRIMINAL JUSTICE G320 - 1.5 Units
Ballet 1
Instruction and practice in fundamental ballet techniques. Students will learn basic alignment, warm-ups, barre work, floor adage, and allegro dance combinations including discussions on ballet terminology. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.
DANCE G125 - 1-1.5 Units
Jazz Dance 1
This course provides instruction and practice in the techniques and styles of jazz dance. It is a course designed to develop jazz dance techniques using resource and movement materials. Experience in the creation, development and performance of jazz dance using jazz and rock music as the accompaniment. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G130 - 1 Unit
Dance for Musical Theater
This course is designed to acquaint the students with basic dance movements and techniques for musical stage productions. Students will learn choreography from famous stage and film musicals. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G135 - 0.5-1 Units
Intermediate/Advanced Mid-Eastern Dance
Advisories: Dance G135
This is a technique course emphasizing the social and stage dances from the region designated as the Near and Middle East. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G145 - 1-1.5 Units
Intermediate Modern Dance
Instruction and practice in intermediate level modern dance technique. Students will learn modern dance warm-up techniques and combinations choreographed to live and recorded accompaniment. Students will have the opportunity to improvise and choreograph their own dance studies. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G150 - 1 Unit
Rhythm Tap Styles
Instruction and practice in intermediate tap dance techniques. A thorough study of many rhythms and tempos, using tap sounds as the medium for the composition. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G155 - 1-1.5 Units
Ballet, Intermediate
Instruction and practice in intermediate ballet techniques. Classroom participation in barre work, complex center practice and intermediate adagio and allegro ballet combinations. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G160 - 1-1.5 Units
Commercial Dance Styles
Instruction and practice in intermediate jazz exercise techniques, jazz dance combinations, and complete jazz dances choreographed to jazz, rock and musical theater music. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G200 - 1-1.5 Units
Advanced Modern Dance
A course designed to develop advanced dance skills in modern dance techniques, improvisation and composition, and to give performance and repertoire experience. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G215 - 1 Unit
Advanced Tap Dance
Introduction and practice in advanced tap dance techniques. A thorough study into the execution of movement phrases using tap sounds of varying intensity, quality and rhythm. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G220 - 1-1.5 Units
Advanced Ballet
Advanced level ballet techniques. Classroom participation in barre work, complex center practice and advanced adagio and allegro combinations. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

DANCE G225 - 1-1.5 Units
Advanced Jazz Dance
Instruction and practice in advanced jazz dance techniques. Students will learn jazz warm-up exercises, jazz combinations and complete dances choreographed to jazz, rock, and musical theater music. Current styles, staging, and composition of jazz dances will be included. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G230 - 1-2 Units
Choreography
Instruction and practice of the elements of dance and the theories of choreography. Students will improve and choreograph their own solo and group studies. There will be a variety of performance opportunities. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G235 - 2 Units
Modern Dance Ensemble
A course designed for the dance student to learn new or previously choreographed modern dance works. These dances will be learned in their entirety and perfected to performance level. Students will perform the work at public performances during the semester. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

DANCE G240 - 1-2 Units
Tap Dance Ensemble
A performance group for the advanced tap dancer. Students will learn and perfect several new or previously choreographed tap works. Students will be expected to perform publicly during the semester. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G245 - 1-2 Units
Performance Ensemble
A performance group for the intermediate and advanced dancer. Students will learn and perfect several new or previously choreographed works. Students will be expected to perform publicly during the semester. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.
DANCE G250 - 1-2 Units
Studio Production and Performance
Prerequisites: Retention based upon successful audition
Corequisites: Enrollment in intermediate technique class such as Dance G145, G150, G155 or G160
This course is designed to instruct students interested in producing original choreography and performing in the dance studio at GWC and elsewhere in the community. They may also perform in an instructors choreography. All aspects of the production are studied: Choreography lighting, costuming, publicity, music, scenery design, and staging. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DANCE G260 - 2-3 Units
Dance Production and Performance
A course designed to prepare students for the creation and performance of dance with all the aspects of the dance production, i.e., choreography, lighting, costuming and music. Practical experience is obtained through college and community dance performances such as the annual student dance concert in the Golden West College Theater. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

DANCE G270 - 0.5 Units
Dance Workshop
An intensive dance experience with a guest dance artist. The movement material for this class will be from the guest artist's repertoire and will be designed for intermediate and advanced level dance students. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

DESIGN

DESIGN G101 - 2 Units
Introduction to Design
This is an introductory course for both the general interest and design major student. It provides a survey of design in contemporary society including a variety of design career options. Design theory, practices and overview of art and design history will be covered. Emphasis will be on experiencing design through lecture, lab, field observations and projects. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DESIGN G105 - 3 Units
Introduction to Design Materials and Technical Processes
This is an introductory hands-on course that enables students to apply their design ideas to plastics, wood and metal. Appropriate safety instruction for both hand and basic power tools is included. Lectures include information on safety, machine operation, basic materials, processes, fasteners, adhesives and finishes. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DESIGN G131 - 3 Units
Perspective and Rendering Systems
This course provides the fundamentals of drawing detailed perspective systems and fundamental rendering techniques commonly used by designers for accurate and dramatic presentations. The course emphasis is on understanding and developing proper perspective techniques. Basic rendering techniques are introduced. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

DESIGN G132 - 3 Units
Rendering and Perspective Systems
The emphasis of this course is on progressive rendering techniques. Fundamentals of drawing detailed perspective systems are also reviewed. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

DESIGN G150 - 3 Units
Design Drafting
This course provides an introduction to manual and computer aided drafting. Includes descriptive geometry; mechanism sketching; orthographic and isometric drafting; blueprint reading, printing and plotting. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU; UC.

DESIGN G154 - 3 Units
Modeling and Prototyping Techniques
Advisories: Design G105/Art G192
This is an intermediate course in the materials, processes and techniques for creating 3D mock-ups, models and prototypes used by designers. Students will use plastics, wood, metal and other materials for their presentation displays. Appropriate safety instruction for studio equipment is included. Lectures and demonstrations include advanced techniques in model making and finishing. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DESIGN G170 - 3 Units
Introduction to 2D and 3D Digital Design
Advisories: Design G150
This course is an introduction to PC based 2D and 3D software used by designers. Lectures, demonstrations and coursework allow students to develop professional-quality, original artwork and digital images. This hands-on course focuses on introducing students to the basic tools and techniques used for creating and editing digital photographs and images. Students will be able to generate virtual 2D and 3D projects and subsequently utilize rapid prototyping techniques for making solid models. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DESIGN G232 - 3 Units
Rapid Visualization Techniques
Advisories: Design G131 and G132, or completion of either G131 or G132 with concurrent enrollment in the other.
This course provides an introduction to technical drawing and rapid visualization techniques for the presentation of design concepts employed by professional design studios. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

DESIGN G250 - 3 Units
Portfolio Development, Review and Critique
This course is for students who want to compile their design work into a portfolio that will catch the attention of a portfolio review committee, prospective employer or client. The emphasis of this course is on competitive portfolio development. This course will allow student to update their skills and portfolio to the most current design career standards. Lectures and demonstrations cover aspects of design portfolio planning and production. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS

DIGITAL ARTS G100 - 3 Units
Introduction to Digital Arts
This hands-on introductory course covers the fundamentals of scanner usage, digital cameras, and printers as digital design tools. This course also introduces the student to an array of today’s popular software used in the Digital Arts environment. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.
DIGITAL ARTS G101 - 2 Units
Business of Art
(Same as: Art G101)
An exploration of various career opportunities in the visual arts concerning current employment conditions. Learn how to make career choices in a variety of specific interest areas. The general career tracks studied are advertising, graphic design, photography, fine arts, and computer graphics. There will also be specific information on how to run an art business, both as a consultant or as an employee. In class lectures on time management, billing techniques, proposal preparation, interviewing procedures, project and tax records, portfolio assembling, self-promotional activities, and other art business practices will be presented. This is a necessary class to complete the other side of an art career, the business side. Lecture. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G103 - 3 Units
Digital 2D Design
This course is an introduction to the basic visual vocabulary used by visual artists and designers. Using Macintosh computers and software programs such as Illustrator, PhotoShop and Painter, students will explore the use of the computer as a design tool. Students will explore the concepts of line, mass, texture, color, light, harmony, composition, perspective, pattern, and illusion to develop an awareness of elements used to indicate form. Hue, value and saturation will be explored as an introduction to color theory. Students will learn ways to observe details in the environment around them and are encouraged to create meaningful art utilizing the visual elements of design. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G120 - 2 Units
Rendering I
(Same as: Art G120)
A study in the use of pencil or ink drawings to evolve proposed sketches into completed renderings. These renderings are the basis for client approval or project clarification. The work is done as representational art to solve graphic visual needs in preparation for the final camera ready illustration. The class explores line art techniques, layout and composition, and useful art materials. Drawing skills are practiced in a variety of general studies and selected subjects. Class assignments are given on class handouts to include all reference material and suggested line art techniques. This class is required of all design majors and recommended for all art majors. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G135 - 3 Units
Introduction to Adobe Illustrator
This course provides an introduction to the computer application Adobe Illustrator, a vector based computer graphic program. This application has become the industry standard in computer 2D graphic projects. The class explores all facets of this computer program using the most recent edition. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G150 - 3 Units
Photoshop, Beginning
Use Adobe Photoshop for digital compositing, typography, image repair, video and web image construction for business, graphic design, the web and digital media fields. Consideration is given to Photoshop industry terms, legal “rules” for image usage, digital workflow, the tools and the basic functions of the software. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G152 - 3 Units
Using Photoshop, Intermediate
Advanced usage of Adobe Photoshop for digital composting, filter usage, typography and outputting as used in Business and the Web. Consideration is also given to Photoshop terms, modes, color balance, shadows/reflections, light sources, the photoshop digital working environment, the tools and the advanced functions of the software. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G170 - 3 Units
Graphic Design Principles
Introduction to visual communication principles as practiced in the graphic design profession. These principles relate to the choice, placement, organization and theme management of graphic elements. These graphic elements are illustrations, photographs, symbols, blocks of type and decorative accessories. Class projects are fashioned after real world projects encountered in the first years of professional work. These projects are produced on computers in the Macintosh Lab using important computer applications encountered in most job sites. The class introduces process selection, problem solving, client relations, production techniques, and print or multi media connections. Required of all graphic design majors. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G174 - 3 Units
Introduction to Page Layout & Design - Adobe InDesign
An introduction to electronic page layout and design using today’s popular software such as Adobe InDesign. This course includes beginning principles of document design combined with detailed software instruction that will enable the student to master basic principles of typology and publishing. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G175 - 2 Units
Cartooning
(Same as: Art G175)
A study of cartoon illustration and all its uses in the commercial art field. From print advertising and editorial art, through film or computer animation, this course emphasizes the development of characters and the creation of personalities. There is, in this course, a review and practice of basic drawing techniques to create human, animal or object cartoons. There is also a series of projects in a variety of cartoon illustration outlets such as greeting cards, book illustrations, story boards, game layouts, packaging, etc. Along with the work with humorous, exaggerated, or satirical drawings, this class will also explore computer animation, special effects and multimedia applications. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G176 - 3 Units
Desktop Publishing Using QuarkXpress
Desktop publishing using the current version of QuarkXpress. The student will learn how to combine word processing documents, typesetting, page layout, drawing, image control, color control, and document construction in a single program, to create other promotional materials. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.
DIGITAL ARTS G177 - 3 Units
Graphic Design Principles on the Computer
A studio format class in the new computer lab where students use their acquired graphic
techniques and talents to prepare portfolio quality graphic design. Using a variety of
software programs the course combines graphics, illustration, lettering, and photog-
raphy to communicate ideas and concepts clearly and effectively. This course may be
taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G178 - 3 Units
Introduction to Web Page Design
This course provides a basic introduction to designing and preparing images and media
for the Web. The student will learn how to make interesting and dynamic-looking
Web sites and Web graphics with the popular applications Dreamweaver, Photoshop,
and Illustrator. The student will learn to identify the audience, determine appropriate
content, and assemble a Web site. The class will cover classic principles of design, how
the principles apply to Web design, and the issues and constraints of designing complex,
multi-layered sites. This course may be taken 4 times. Lecture & lab. Optional pass/no
pass grade. Transferable to CSU.

DIGITAL ARTS G179 - 3 Units
Prepress
Advisories: Digital Art G174 or Digital Art G176
Preparing documents for output for both commercial printing and online distribution
presents its own set challenges. This advanced Publishing & Prepress course is designed
to use today's software such as QuarkXpress, or Adobe InDesign to prepare not only
a commercially acceptable portfolio, but to prepare the student to output professional
quality documents for use in both print media and electronic media, using software
with built-in support for both HTML and PDF files. This course may be taken 4 times.
Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G180 - 3 Units
Introduction to Web Animation Using Flash
This is a basic introduction into what web designers and multimedia developers need
to know to develop highly interactive content for the web and multimedia utilizing the
software program Flash. This authoring tool enables the creation of highly interactive
and fast-loading web and multimedia content. This course may be taken 2 times.
Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G191 - 3 Units
Digital Photography, Intermediate
(Same as: Photography G191)
Advisories: Photography G150, Photography G190 or Digital Arts G190
This is an intermediate photography course providing in-depth instruction in scanning,
printing and using digital imaging software to create a master digital image. Students
gain practical experience with digital techniques that support their creative exploration
of commercial or fine art photography. Lecture & lab. Optional pass/no pass grade.
Transferable to CSU.

DIGITAL ARTS G200 - 3 Units
Advanced Web Design
Advisories: Digital Arts G178
This course provides students with additional studies and projects in creating web sites
with complex functions and multiple links. Students who have begun their work in
Internet design will learn advanced techniques in organizing and composing creative
web sites. Besides the site creation application, the student will learn additional design
functions as performed, for example, in Adobe Photoshop and Adobe Image Ready
to produce state of the art commercial web pages. This course may be taken 2 times.
Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G222 - 3 Units
Digital Imaging
An introduction to digital imaging techniques with an emphasis on commercial subject
matter. This course covers basic concepts, processes, and aesthetic interpretation of
making digital imagery. It includes an overview of various computer applications using
illuminative techniques as well as image and photographic manipulation. Two hours
lecture, two hours non-lecture a week. This course may be taken 2 times. Lecture & lab.
Optional pass/no pass grade. Transferable to CSU.

DIGITAL ARTS G230 - 3 Units
3D Computer Modeling
Advisories: Digital Arts G103
Using a 3D Modeling program, this course is an introduction to the design and planning
of objects and lettering to be built into the wire frame components of computer anima-
tion. The student will create the parts that will combine to form such complex forms as
wire frame objects, feature characters or title lettering. The objects will then be covered
with surface material and rendered as a single frame 3D object for desktop publishing or
put into an animated sequence to become a segment in a computer animation project.
Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL MEDIA

DIGITAL MEDIA G100 - 3 Units
Digital Media, Introduction
The history, concepts and theory behind digital media as well as basic video production
process, digital video techniques, camera and recording basics, script and production
formats, video and audio fundamentals, digital recording and editing basics, basic
microphone technique, digital mixing, and digital signal processing will be surveyed.
This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade.
Transferable to CSU; UC.

DIGITAL MEDIA G110 - 3 Units
Digital Audio, Introduction
This course covers audio theory, tracking, mixing, and basic mastering techniques
using digital audio workstation systems in more detail. Lab experiences include edit-
ing, processing, mixing, and mastering projects of various musical genres. This course
may be taken 3 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL MEDIA G111 - 3 Units
Audio Post Production
This course covers the theory behind the assembly of various audio elements (dialogue,
music, and effects) into a play list for synchronization to picture and the implement-
tation of the theories into product. Non-linear digital video editing systems will be
utilized to create finished programs for digital video disc, compact disk, television, and
computer games. This course may be taken 3 times. Lecture & lab. Optional pass/no
pass grade. Transferable to CSU.

DIGITAL MEDIA G112 - 3 Units
Sound Recording I
(Formerly known as: Digital Media G050)
This course covers the fundamental concepts in audio recording technology. Topics
include studio business practices, microphones, mixing, signal processors, the sound
field, monitors, recording and editing techniques. Lab experiences include recording and
mixing projects for output to CD, DVD, iTunes podcast, or YouTube. This course may
be taken 2 times when new products, software or features are taught. Lecture & lab.
Optional pass/no pass grade. Transferable to CSU.
DIGITAL MEDIA G115 - 3 Units
Sound Recording II
Advisories: Digital Media G112
This course is a continuation of DM G112. Topics include advanced principles of signal processing, advanced microphone theory, mastering for optical disc and web delivery, console automation, 5.1 surround mixing techniques, and DVD audio. This course may be taken 2 times when new products, software or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL MEDIA G118 - 3 Units
Digital Audio Production
(Formerly known as: Music G051)
This course is a study of theory and practice of audio production in radio, television, film and digital recording applications. Students will gain experience in current industry information including studio procedures, talent and song writing evaluation, licensing, publishing, promotion, merchandising, and audio recording in radio, television, film and digital recording applications. This course may be taken 2 times when new products, software or features are taught. Lecture & lab. Optional pass/no pass grade.

DIGITAL MEDIA G140 - 3 Units
Media Production, Introduction
This course provides students with theory and comprehensive, hands-on instruction in techniques and procedures used in media production. This course is designed for the media producer who is interested in the entire process of media creativity. Topics include markets in the digital arena, the production process, producing and production management, scriptwriting, directing, audio/sound, lighting and design, camera operation techniques, and analog and digital recording. This course may be taken 3 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL MEDIA G141 - 3 Units
Documentary Video Production
This course will introduce the student to the history and evolution of documentary filmmaking. The student will learn how to plan, write, produce, shoot, edit and distribute short form documentary videos. The student will learn how to create compelling and meaningful images to convey a strong story. The class is an exploration of the video medium and production using digital video format to explore documentary filmmaking. The course may be taken 2 times in order to enhance and refine documentary video production skills and proficiencies. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL MEDIA G160 - 3 Units
Video Editing and Motion Graphics
This course explores theory and techniques in digital video editing, motion graphics, audio editing and DVD authoring using the Final Cut Pro Suite. Lecture time is divided among discussion of theory, concepts and demonstration. Lab time includes inputting source footage, assembling and editing sequences, editing video and audio, creating titles, working with special effects, creating DVD menus, encoding, DVD authoring, and outputting in various formats. Student projects will require editing original footage and provided material, as well as, orientation towards the creation of digital media for corporate and documentary markets. This course may be taken 3 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL MEDIA G163 - 3 Units
Introduction to Motion Graphics
This course introduces the student to study principals, concepts and practices used in the production of motion graphics. The course also examines the history and development of broadcast motion graphics. The course includes classroom demonstrations and extensive hands-on labs that cover the topics of audio, color keying, motion tracking, stabilization and animation techniques using Adobe After Effects. The course may be taken 2 times in order to enhance motion graphic skills and proficiencies. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL MEDIA G170 - 3 Units
Sound Sequencing Production
This course covers sequencing of sound on an audio recording workstation using Logic Studio. Students will sequence several styles of sound using different instrumentation and utilizing many software instruments and beat creation. This course may be taken 2 times when new products, software or features are taught. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL MEDIA G200 - 3 Units
Applied Digital Media
This course is a capstone course for students preparing for a career in digital media. Students apply theory and use concepts to create projects emphasizing professional appearance, visual and audio quality, and problem-solving techniques in individual and group assignments. This course requires skills in audio, video, and digital arts that will be combined to create professional level products. This course may be taken 3 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

DIGITAL MEDIA G260 - 3 Units
Non-Linear Editing II
Prerequisites: DM G160
This course is a continuation of DM G160, Video Editing and Motion Graphics and explores advanced theory, principles and techniques used in nonlinear editing. The class progresses through creating a sequence, inputting source footage, assembling and trimming sequences, editing audio, creating titles, working with special effects, and outputting a finished program. Additional topics include creating multi-layered effects, keyframing, creating templates, 3D effects, and work with nested layers. Class time is divided between discussion of theory, demonstration and hands-on practice. Students will edit segments from feature films, commercials and promos. The course is designed for experienced video editors and developers of interactive media. The course may be taken 2 times in order to enhance advanced editing skills and proficiencies. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.
### COURSES

#### DRAFTING

**DRAFTING G082 - 2 Units**

**Basic Airbrush**

(Same as: Art G082)

This course introduces basic airbrush art techniques currently used in technical illustration, architectural rendering, graphic arts, photography and specialty auto painting. Airbrushes are provided along with instruction in care and maintenance of equipment. Lecture & lab. Optional pass/no pass grade.

**DRAFTING G084 - 2 Units**

**Airbrush, Advanced**

(Same as: Art G084)

Students will receive instruction in airbrush techniques, exploration opportunities in using airbrush to solve various art problems relating to technical illustration and architectural technology, photography, graphic arts and specialty auto painting. Lecture & lab. Optional pass/no pass grade.

**DRAFTING G090 - 0.5-1 Units**

**CAD Drafting Laboratory**

Corequisites: Architecture G160 or G162, Drafting G101, G105, G110, G170

For students desiring or needing extra CAD lab hours. The student will perform exercises which will be assigned in one of the prerequisite classes. This course may be taken 4 times. Lab. Optional pass/no pass grade.

**DRAFTING G101 - 4 Units**

**Basic Computer Aided Design Drafting**

This lecture/lab course is a survey of the basic fundamentals of drafting using Computer Aided Drafting (CAD) and is designed to develop the ability to think in three dimensions and to interpret data from blueprints and sketches. The course includes: freehand sketching, use of dimensioning, multi-view projection, pictorial drawing, sectioning, and basic CAD menus. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

**DRAFTING G105 - 3 Units**

**Basic Engineering Drafting I, Computer Aided Drafting**

The course will cover the study of correct letter styles for drafting, geometric construction, multi-view projection, basic dimensioning, threads & fasteners, isometric drawing and single auxiliary projection. All drafting problems will be drawn using computer aided drafting, (CAD), with AutoCAD software. This course may be taken 2 times. Lecture & lab. Letter grade only. Transferable to CSU.

**DRAFTING G110 - 3 Units**

**Basic Engineering Drafting II, Computer Aided Drafting**

Advisories: Drafting G105

The course will cover precision dimensioning, threads & fasteners, working drawings and assemblies, isometric drawing, single and secondary auxiliary projection, basic descriptive geometry and writing resumes. All drafting problems will be drawn using computer aided drafting, (CAD) with AutoCAD software. Lecture & lab. Letter grade only. Transferable to CSU.

**DRAFTING G170 - 3 Units**

**Advanced 3D Mechanical Design**

Advisories: Drafting G110

This is an advanced solid modeling design course for mechanical drafters, designers, and engineers. Students will use the most current Computer Aided Drafting (CAD) software and computer lab projects to develop solid models, assemblies and drawings and to solve mechanical design problems. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

#### ECOLOGY

**ECOLOGY G100 - 3 Units**

**Human Ecology**

An investigation of the current problems of man's relationship with the environment and possible solutions to these problems. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

#### ECONOMICS

**ECONOMICS G110 - 3 Units**

**Contemporary Economic Issues and Problems**

Formerly known as: American Economic Problems

The application of economic theory to solution of the problems of the American economy. Both traditional and topical problems will be considered. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

**ECONOMICS G120 - 3 Units**

**Economic History of the United States**

Formerly known as: History G110

A survey of the economic transformation of the U.S. from colonial times to the present. Emphasis is on the social and political consequences of economic development and change as well as Americas’ involvement in international economic interdependency. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

**ECONOMICS G170 - 3 Units**

**Principles of Micro Economics**

Formerly known as: Economics G180, Micro Economics

Prerequisites: Mathematics G030 or Mathematics Placement Assessment

This course is an introduction to the tools and methods of economic analysis which deal with supply and demand, cost, microeconomic models and production. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

**ECONOMICS G175 - 3 Units**

**Principles of Macro Economics**

Formerly known as: Economics G285 Macro-Economics

Prerequisites: Mathematics G030 or Mathematics Placement Assessment

Advisories: Economics G170

This course is a continuation of the tools of economic analysis and the application of these tools to the issues of macro-economics. It includes a study of capital theory, national income, money and the banking system, inflation, and the role of the government in monetary and fiscal policy. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

#### EDUCATION

**EDUCATION G102 - 1 Unit**

**Teaching Diverse Contemporary Classrooms**

Introduction to teaching and learning skills for potential teachers. This course will address the qualities of an effective teacher, components and purposes of an effective professional portfolio and critical issues in diverse contemporary classrooms. Course includes 10 hours of arranged fieldwork. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

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EDUCATION G103 - 2 Units  
Technology Proficiencies for Teachers I  
Advisories: Computer Business Applications G101  
Based on the Technology Standards for a CA K-12 Preliminary Teaching Credential, this class focuses on the technology proficiencies required prior to credential candidates being issued a preliminary Multiple or Single Subject Credential. Curriculum and course represent a working partnership among the CA Technology Assistance Project (CTAP), Region IX, and the CCCDS TEACH3 Program. Students successfully completing a portfolio in all the State mandated proficiencies will receive certification as a Preliminary (Level I) Technology Proficient Educator. All skills are transferable between the Macintosh and Windows environment. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

EDUCATION G200 - 3 Units  
The Teaching Profession  
This course examines the opportunities, requirements, responsibilities and rewards in teaching, as well as the skills needed and problems encountered in the classroom. Course includes 40 hours of assigned fieldwork. Lecture & lab. Optional pass/no pass grade. Course includes 40 hours of assigned fieldwork. Transferable to CSU, UC.

ENGINEERING TECHNOLOGY  

ENGINEERING TECHNOLOGY G100 - 4 Units  
Electrical Fundamentals: AC-DC Circuits  
A first course in a series of courses designed to fit the needs of an electronic engineering technician. Behavior of resistive, inductive, and capacitive devices, passive electrical networks, and a study of circuit theorems is covered. A supporting lab experience using lab equipment is included. Lecture & lab. Letter grade only. Transferable to CSU.

ENGINEERING TECHNOLOGY G150 - 3 Units  
Measuring Principles and Process Control  
A study of industrial instrumentation: devices, processes and control systems. Theory and lab experience include circuits and devices used to sense and control electrical and mechanical force: Pressure, flow, liquid level, temperature, stress, strain, speed, and distance. Lab experience interfacing Programmable Logic Controllers (PLC’s) and Data Acquisition (DAQ’s) systems with sensors and control elements. Lecture. Letter grade only. Transferable to CSU.

ENGLISH  

ENGLISH G037 - 0.5 Units  
Answering Essay Questions  
This course is designed to help students develop skills necessary to understand and to answer essay questions. The skills include analyzing different types of essay questions, practicing pre-writing techniques, developing, organizing, and proofreading the answer. This course may be taken 2 times. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH G042 - 3 Units  
Developmental Reading  
Advisories: English G040  
A course designed to prepare students for college level work by bringing their reading ability to college proficiency. This course focuses on comprehension, vocabulary, retention, and speed in order to promote student success and confidence. Lecture. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH G071 - 3 Units  
Rebels in Literature  
The course will focus on the mavericks, rebels, and “outsiders” in literature, who, for reasons of conscience or moral conviction, have acted in defiance of custom, authority, or accepted community standards. For non-majors and non-transfer students. The course is designed to challenge and enrich the student by providing reading and discussion of selections from such writers as Ibsen, Shaw, Camus, Thurber, Hawthorne, and Melville. Lecture. Optional pass/no pass grade.

ENGLISH G081 - 3 Units  
Creative Writing: Prose  
This is a course for those who enjoy writing and want to concentrate on same form or forms of prose: the short story, magazine articles, screen play, stage play, autobiography, personal essay, etc. Course activities include creation of original student works and informal discussion and criticism of student work by instructor and the class. This course may be taken 2 times. Meets with English G281, for students planning to transfer to an University. Lecture. Optional pass/no pass grade. Meet with English G281, for students planning to transfer to a University.

ENGLISH G098 - 3 Units  
Developmental Writing and Reading  
(Formerly known as: English G009)  
This course is designed for students with native fluency in English who need extensive reading and writing preparation for college level work. Reading components of this course promote student confidence by focusing on comprehension, vocabulary, and retention to promote student success and confidence. Writing components focus on sentence, paragraph, and short-essay writing. Students will concentrate on writing main ideas that are adequately supported by clear explanations, details, and examples. Some students may need additional assistance from the Writing Center. Lecture. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH G099 - 3 Units  
Preparation for College Writing and Reading  
(Formerly known as: Reading and Writing Essentials, English G100)  
Prerequisites: English G098 or English as a Second Language G071 or Placement Test  
This course is designed for students who need additional reading and writing preparation for entry into English G100. It includes paragraph and essay writing, critical reading, and some grammar review. Some students may need additional support from the Writing Center. Lecture. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH G100 - 3 Units  
Freshman Composition  
Prerequisites: English G099 or Placement Test  
Composition and revision of essays, critical thinking, critical reading and documentation. Recommended for all liberal arts majors and those planning to transfer to a four-year college or university. Instructor may recommend up to one additional hour per week in the Writing Center Lecture. Letter grade only. UC Credit limitations: English G100 and English G100H combined--maximum credit, one course. Transferable to CSU, UC.
ENGLISH G100 HONORS - 3 Units
Freshman Composition, Honors
Prerequisites: English G099 or Placement Test
The Golden West Honors program offers highly motivated students an enriched academic experience, challenging them with stimulating, rigorous assignments leading them to advanced level of critical thinking. Most enhancements to the standard English G100 course are qualitative rather than quantitative. While there is additional reading, some on a fairly high level, the intensified focus on critical thinking holds students to a higher standard: all their oral and written work must manifest a commitment to, and a capacity for, academic excellence. The list of readings features more classic essays and difficult writers than the usual English G100 bibliography and intensifies the focus on research, personal style and critical thinking. Lecture. Letter grade only. UC Credit limitations: English G100 and English G100H combined—maximum credit, one course. Transferable to CSU; UC.

ENGLISH G110 - 3 Units
Critical Thinking, Reading and Writing through Literature
Prerequisites: English G100
An introduction to literature and further study of composition, emphasizing critical thinking and analysis of fiction, poetry and drama. Recommended for English majors and prospective teachers. UC Credit limitations: English G110 and English G110H combined—maximum credit, one course. Lecture. Letter grade only. UC Credit limitations: English G110 and English G110H combined—maximum credit, one course. Transferable to CSU; UC.

ENGLISH G110 HONORS - 3 Units
Critical Thinking, Reading, and Writing through Literature, Honors
Prerequisites: English G100
In this class honors students participate in more intensive study and critical thinking, reading and writing about literature than the standard course. Studying thematically linked works in a variety of genres, we develop our ability to write interpretive papers analyzing fiction, poetry and drama. We will focus on the ways style creates meaning, both in the authors studied and in our own writing. We also develop a heightened awareness of the presuppositions and implications of varied approaches to literary study. UC Credit limitations: English G110 and English G110H combined—maximum credit, one course. Lecture. Letter grade only. UC Credit limitations: English G110 and English G110H combined—maximum credit, one course. Transferable to CSU; UC.

ENGLISH G111 - 3 Units
Academic Reading for College Success
This is a course designed for students of all disciplines to develop critical thinking skills and critical reading skills needed for academic success. The course concentrates on the ability to read, comprehend, and respond to college level texts across the curriculum. Lecture. Letter grade only. Transferable to CSU. May not be offered each semester.

ENGLISH G112 - 3 Units
Appreciation of Literature
This course is a broad introduction to literary genres, elements and techniques in cultural/historical context. Literary works will be chosen from all three genres and various historical periods. The readings will illustrate various genres, historical contexts and cultural contexts, as well as the relationships between them. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

ENGLISH G114 - 3 Units
Great Myths and Legends
Prerequisites: English G100
This course surveys the famous myths and legends of various world cultures. Readings include original myths and legends as well as critical approaches. The course deals with universal topics such as creation, destruction, and the relationship between gods and the natural world. UC Credit limitations: English G114 and English G114H combined—maximum credit, one course. Lecture. Optional pass/no pass grade. UC Credit limitations: English G114 and English G114H combined—maximum credit, one course. Transferable to CSU; UC.

ENGLISH G114 HONORS - 3 Units
Great Myths and Legends, Honors
Prerequisites: English G100
As in the regular English G114 course, honors students will examine myths and legends dealing with such archetypes as the hero, motifs of the quest; the nature of the gods; passages into young adulthood, marriage, and death; the relationship between gods and people. However, the course of study will feature more reading from original sources, more intense focus on views of reality embedded in different culturesí myths and styles, plus more attention to the assumptions implicit in different approaches to myth. The course will also intensify the focus on research and critical thinking. UC Credit limitations: English G114 and English G114H combined—maximum credit, one course. Lecture. Letter grade only. UC Credit limitations: English G114 and English G114H combined—maximum credit, one course. Transferable to CSU; UC.

ENGLISH G143 - 3 Units
Children’s Literature
(Formerly known as: Introduction to Children’s Literature)
This course studies pre-teen and adolescent literature, focusing on poems and longer works of fiction as well as themes of initiation, maturation, morality, fantasy, and education. Lecture. Letter grade only. Transferable to CSU; UC.

ENGLISH G150 - 3 Units
American Literature Through the Civil War (1865)
(Formerly known as: American Literature: Pre-colonial through Civil Wa)
Prerequisites: English G100
This course is a study of early American literature through the Civil War. Lecture. Letter grade only. Transferable to CSU; UC.

ENGLISH G155 - 3 Units
American Literature 1865 to Present
(Formerly known as: American Literature: Post-Civil War to the Present)
Prerequisites: English G100
This course is a study of American Literature from the Civil War to the present. Lecture. Letter grade only. Transferable to CSU; UC.

ENGLISH G156 - 3 Units
Asian/American Literature
Prerequisites: English G100
A study of modern Asian/American Literature with emphasis on the rich Asian heritage, immigrant plight, and second-generation struggles with bi-culturalism as revealed in prominent literary works by Asian/American writers. Lecture. Letter grade only. Transferable to CSU; UC.
ENGLISH G160 - 3 Units
Masterpieces of World Literature through the Renaissance
(Formerly known as: Masterpieces of World Literature)
Prerequisites: English G100
A study of world masterpieces through the European Renaissance. The important contributions and achievements from the literature of both Western and Eastern countries and eras are studied for their artistic merit and for their influences on modern thought. Lecture. Letter grade only. Transferable to CSU; UC.

ENGLISH G160 HONORS - 3 Units
Masterpieces of World Literature through the Renaissance, Honors
(Formerly known as: Masterpieces of World Literature Honors)
Prerequisites: English G100
As in the regular course, students evaluate classic works of world literature in terms of formal properties, historical context and treatment of issues relevant to the present. This class also sharpens the focus on critical thinking and interdisciplinary research, accenting connections with fields such as art, history, philosophy and psychology. In additions, students delve more deeply into theoretical approaches to literature, considering the assumptions and implications of diverse methodologies. Finally, the class attends to nuances of style, using a comparative approach to problems involved in translation, and applying techniques learned from major thinkers in such fields as linguistics and philology. Lecture. Letter grade only. Transferable to CSU; UC.

ENGLISH G161 - 3 Units
Masterpieces of World Literature Since the Renaissance
(Formerly known as: English G165, Masterpieces of World Literature)
Prerequisites: English G100
This course is a study of world literary masterpieces since the Renaissance. Important contributions and achievements from the literature of various countries and periods will be studied for their artistic merit and influence on the modern world. Lecture. Letter grade only. Transferable to CSU; UC.

ENGLISH G161 HONORS - 3 Units
Masterpieces of World Literature Since the Renaissance, Honors
(Formerly known as: English G165 Honors - Masterpieces of World Literature, Honors)
Prerequisites: English G100
As in the English G161 course, students evaluate classic works in the light of abiding topics relevant to our time--war, love, death, alienation, transcendence, political responsibility, the environment--sharpening the focus on critical thinking and research. Using a comparative approach, the course gives added consideration to historical context and connections with such extra-literary fields as biology, economics, philosophy and psychology. Additional foci include problems of translation and the kinds of significance generated by style. Finally, students attend more to theoretical approaches, assessing diverse methodologies and their implications for understanding. Lecture. Letter grade only. Transferable to CSU; UC.

ENGLISH G181 HONORS - 3 Units
Shakespeare, Honors
(Formerly known as: English G180 Honors)
Prerequisites: English G100
In this course honors students will participate in an intensive study of the works of Shakespeare and his dramatic and poetic contemporaries. Students will be expected to read more plays and poems written by Shakespeare than in the standard class, and expected to write longer, more critically researched essays than in the standard Shakespeare course. Out-of-class enrichment activities attending live productions of Shakespeare’s plays, viewing (and writing about) movie adaptations of Shakespeare’s work—will also be expected. In addition, students will be held to a higher level of academic excellence; the instructor will expect essays, in-class presentations, and classroom contributions to discussions will reflect a level of academic and intellectual rigor and nuance that is consistent with the standards of the Golden West College Honors Program. Lecture. Letter grade only. Transferable to CSU; UC.

ENGLISH G270 - 3 Units
British Literature to 1800
(Formerly known as: English G290, Major British Authors)
Prerequisites: English G100
A study of selected writers in English literature to 1800. Lecture. Letter grade only. Transferable to CSU; UC.

ENGLISH G275 - 3 Units
British Literature Since 1800
(Formerly known as: English G295, Major British Authors)
Prerequisites: English G100
A study of selected writers in English literature from 1800 to present. Lecture. Letter grade only. Transferable to CSU; UC.

ENGLISH G280 - 3 Units
Creative Writing
Prerequisites: English G100
A course for those who enjoy writing. Creation of original student work of any type--poetry, story, essay, drama. Informal discussion and criticism of student writing by the class and instructor. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

ENGLISH G281 - 3 Units
Creative Writing: Prose
Prerequisites: English G100
A course for those who enjoy writing and want to concentrate on some form of prose: the short story, magazine article, screen play, stage play, autobiography, personal essay, etc. Informal discussion and criticism of student work by the instructor and the class. This course may be taken 2 times. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

ENGLISH AS A SECOND LANGUAGE

ENGLISH AS A SECOND LANGUAGE G011 - 5 Units
ESL Core Course, Level I
Advisories: Concurrent enrollment in ESL G013
This is the first in a series of seven levels. It is a beginning ESL core course for students who are learning basic skills in English reading, writing, listening, speaking, and grammar. In this course, students will be introduced to simple present, simple past, future and present progressive verb tenses and basic English word order patterns. At the completion of the course, they will be able to read very basic English prose and engage in rudimentary conversations. No previous study of English is required. Lecture & lab. Pass/no pass only. Not transferable, not degree applicable. May not be offered each semester.
ENGLISH AS A SECOND LANGUAGE G012 - 3 Units

ESL Reading/Writing, Level 1
This is a beginning discrete skills course designed to give intensive practice in reading, writing, and grammar as it relates to reading comprehension. Students will develop the ability to write with a simple concrete vocabulary and read simple descriptive narrative, and informative materials with understanding. Lecture. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH AS A SECOND LANGUAGE G013 - 3 Units

ESL Listening/Speaking, Level 1
Advisories: Concurrent enrollment in ESL G011
Beginning ESL listening/speaking course designed to give intensive practice in listening, speaking and pronunciation in spoken grammar. At the completion of the course, students will be able to understand simple spoken English and engage in rudimentary conversations. Not applicable to AA degree. Lecture. Pass/no pass only. Not transferable, not degree applicable. May not be offered each semester.

ENGLISH AS A SECOND LANGUAGE G021 - 5 Units

ESL Core Course, Level 2
Prerequisites: ESL G011 and G013 or placement by ESL assessment process.
Advisories: ESL G022 and ESL G023
This is the second in a series of seven levels. It is a high beginning ESL core course for students who are learning basic skills in English reading, writing, listening, speaking, and grammar. In the course, students will focus on simple and progressive verb tenses and basic sentence patterns. At the completion of the course, they will be able to read and write basic English sentences, and engage in simple oral communication. Lecture & lab. Pass/no pass only. Not transferable, not degree applicable. May not be offered each semester.

ENGLISH AS A SECOND LANGUAGE G022 - 3 Units

ESL Reading/Writing, Level 2
Prerequisites: ESL G012 or placement by ESL assessment process.
Advisories: ESL G011 and/or concurrent enrollment in ESL G021 and ESL G023
A high beginning discrete skills course designed to give intensive practice in reading, writing, and grammar. Students will develop the ability to write with a concrete vocabulary and read simple descriptive narrative, and informative materials with understanding. Lecture. Pass/no pass only. Not transferable, not degree applicable. May not be offered each semester.

ENGLISH AS A SECOND LANGUAGE G023 - 3 Units

ESL Listening/Speaking, Level 2
Prerequisites: ESL G013 or placement by ESL assessment process.
Advisories: ESL G011 and/or concurrent enrollment in ESL G021 and/or ESL G022
A high beginning discrete-skills course designed to give intensive practice in listening, speaking, and pronunciation in spoken grammar. Students will develop confidence in conversation with a limited vocabulary on everyday matters. Lecture. Pass/no pass only. Not transferable, not degree applicable. May not be offered each semester.

ENGLISH AS A SECOND LANGUAGE G031 - 5 Units

ESL Core Course, Level 3
Prerequisites: ESL G021 and G023 or placement by ESL assessment process.
Advisories: ESL G032 and/or ESL G033
Third in a series of seven levels. Low intermediate ESL core course in English reading, writing, speaking, listening, and grammar. In the course, students will focus on mastery of simple and progressive verb tenses, simple passive voice, indirect object patterns, modals, idiomatic expressions, and simple subordination. At the completion of the course, students will be able to use simple time and space orders in sentences and paragraphs and use correct word order in conversation. Lecture & lab. Pass/no pass only. Not transferable, not degree applicable. May not be offered each semester.

ENGLISH AS A SECOND LANGUAGE G032 - 3 Units

ESL Reading/Writing, Level 3
Prerequisites: ESL G022 or placement by ESL assessment process.
Advisories: ESL G021 and/or ESL G022 and/or concurrent enrollment in ESL G031 and/or ESL G033.
An low intermediate discrete skills course designed to give intensive practice in reading, writing, and grammar. Students will read selections ranging from simple information to high-interest stories and develop the ability to write short narrative and descriptive paragraphs on familiar topics, using a variety of simple verb tenses, simple subordination and coordination. Lecture. Pass/no pass only. Not transferable, not degree applicable. May not be offered each semester.

ENGLISH AS A SECOND LANGUAGE G033 - 3 Units

ESL Listening/Speaking, Level 3
Prerequisites: ESL G023 or placement by ESL assessment process.
Advisories: ESL G021 and/or concurrent enrollment in ESL G031 and/or ESL G032
A low intermediate discrete-skills course designed to give intensive practice in listening, speaking, and pronunciation. Students will engage in social dialogues, role playing and conversations in response to TV, video and class lectures. Stress on pronunciation of vowel sounds and end consonant clusters. Lecture. Pass/no pass only. Not transferable, not degree applicable. May not be offered each semester.

ENGLISH AS A SECOND LANGUAGE G041 - 5 Units

ESL Core Course, Level 4
Prerequisites: ESL G031 and ESL G033 or placement by ESL assessment process.
Advisories: Concurrent enrollment in ESL G042 and/or ESL G043
Fourth in a series of seven levels. Intermediate ESL core course in English reading, writing, speaking, listening, and grammar. In the course students will focus on present perfect tense and on compound and complex sentences, expository writing forms, appropriate levels of diction, and topic sentence ideas. At the completion of the course, they will be able to write simple sentence structures, reason, and put together pieces with control of sentence word order; they will also be able to distinguish central ideas and supporting details in structured readings. Lecture & lab. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH AS A SECOND LANGUAGE G042 - 3 Units

ESL Reading/Writing, Level 4
Prerequisites: ESL G032 or placement by ESL assessment process.
Advisories: ESL G031 and/or ESL G032 and/or concurrent enrollment in ESL G041 and/or ESL G043
An intermediate discrete skills course designed to give intensive practice in reading, writing, and grammar. Students will read expository pieces requiring the ability to find main ideas and details, make inferences, recognize transitional devices, and distinguish levels of generality. They will develop the ability to write simple expository paragraphs, with and emphasis on using transitional devices to coordinate ideas. This course may be taken 2 times. Lecture. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH AS A SECOND LANGUAGE G043 - 3 Units

ESL Listening/Speaking, Level 4
Prerequisites: ESL G033 or placement by ESL assessment process.
Advisories: ESL G031 and/or concurrent enrollment in ESL G041 and/or ESL G042
An intermediate discrete-skills course designed to give intensive practice in listening, speaking, and pronunciation. Students will engage in group discussions and give informal reports in response to TV, video, films and academic lectures on concrete topics. Stress on recognizing differences between formal and informal diction, on differentiating voice patterns and cues in meaning, on using idiomatic prepositions correctly, and on developing English rhythm and intonation patterns. Lecture. Pass/no pass only. Not transferable, not degree applicable.
ENGLISH AS A SECOND LANGUAGE G051 - 5 Units
ESL Core Course, Level 5
Prerequisites: ESL G041 and ESL G043 or placement by ESL assessment process.
Advisories: Concurrent enrollment in ESL G052 and/or ESL G053
This course is the fifth in a series of seven levels. It is a high intermediate ESL core course in English reading, writing, speaking, listening, and grammar. In the course students will focus on the more difficult adjective and adverbial clauses; past and future perfect tenses; expository writing patterns, such as cause and effect and comparison and contrast; inference and tone in reading; and listening without visual clues. At the completion of the course, they will have emerging control of expository forms, of tone, and of providing contextual clues. Lecture & lab. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH AS A SECOND LANGUAGE G052 - 3 Units
ESL Reading/Writing, Level 5
Prerequisites: ESL G042 or placement by ESL assessment process.
Advisories: ESL G041 and/or concurrent enrollment in ESL G051 and/or ESL G053
This course is fifth in a series of six reading courses. It is a high intermediate discrete skills course designed to give intensive practice in reading, writing, and grammar. Students will read multi-paragraph pieces of wide general interest and pieces about abstract topics; they will distinguish between main and subordinate ideas and recognize major differences in tone. They will develop the ability to write transitional phrases between simple expository paragraphs and use a variety of compound and complex sentence patterns in subordination and coordination. Lecture. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH AS A SECOND LANGUAGE G053 - 3 Units
ESL Listening/Speaking, Level 5
Prerequisites: ESL G043 or placement by ESL assessment process.
Advisories: ESL G041 and/or concurrent enrollment in ESL G051 and/or ESL G052
This course is the fifth in a series of seven courses. It is a high intermediate discrete skills course designed to give intensive practice in listening, speaking, and pronunciation. Students will begin elementary guided note taking in response to a variety of simple lectures. Emphasis in speaking is placed on presenting short reports and using a variety of stress and intonation patterns to convey meaning. Lecture. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH AS A SECOND LANGUAGE G061 - 4 Units
ESL Core Course, Level 6
Prerequisites: ESL G051, G052 and G053 or placement by ESL assessment process.
Advisories: Concurrent enrollment in ESL G062 and/or ESL G063
This is the sixth in a series of seven levels. It is a low advanced ESL core course in English reading, writing, speaking, listening, and grammar. In the course students will focus on adverbial and noun clauses, adverbial transformations and participial forms, basic essay form, and a range of developmental readings. At the conclusion of the course students will be able to write and converse about these materials in predominantly correct standard English. Lecture. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH AS A SECOND LANGUAGE G062 - 3 Units
ESL Reading/Writing, Level 6
Prerequisites: ESL G052 or placement by ESL assessment process.
Advisories: ESL G051 and/or concurrent enrollment in ESL G061
This course is the sixth in a series of seven reading courses. This is a low-advanced discrete skills course designed to give intensive practice in reading, writing, and grammar. Students will develop the ability to read and analyze a range of selected essays, articles, and fictional pieces and to write fully developed paragraphs of cause/effect, classification, and problem/solution based on the readings. Lecture. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH AS A SECOND LANGUAGE G063 - 3 Units
ESL Listening/Speaking, Level 6
Prerequisites: ESL G053 or placement by ESL assessment process.
Advisories: ESL G051 and/or concurrent enrollment in ESL G061
This course is the sixth in a series of seven courses. It is a low advanced discrete-skills course designed to give intensive practice in listening, speaking, and study skills. Students will continue to develop skills in guided note-taking from lectures and discussions. They will engage in conversations based on a variety of topics with an emphasis on appropriate vocabulary, syntax, and register. Lecture. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH AS A SECOND LANGUAGE G071 - 4 Units
ESL Core Course, Level 7
Prerequisites: ESL G061 and G063 or placement by ESL assessment process.
Advisories: Concurrent enrollment in ESL G073.
This is the last in a series of seven levels. It is an advanced ESL core course in English reading, writing, speaking, listening, and grammar. In the course, students will focus on analytic reading skills, paragraph writing, and refining their use of English syntax and style. At the conclusion of the course, they will have the skills to fulfill the entry requirements for English 010. Lecture. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH AS A SECOND LANGUAGE G073 - 2 Units
ESL Listening/Speaking, Level 7
Prerequisites: ESL G063 or placement by ESL assessment process.
Advisories: ESL G061 and/or concurrent enrollment in G071
This course is the seventh in a series of seven courses. This is an advanced discrete-skills course in listening, speaking and study skills with guided and free note-taking from lectures and discussions. The major focus of this class is to develop students’ listening proficiency, particularly for listening to lectures and note-taking, but some emphasis will be placed on speaking practice with the aim of developing linguistic proficiency. At the completion of the course, they will have improved note-taking and vocabulary skills over a wide range of academic topics. Lecture. Pass/no pass only. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER

ENGLISH READING & WRITING CENTER G001 - 1.25 Units
Grammar 1: Parts of Speech
This is a Writing and Reading Center course designed for students who want to improve their basic grammar skills. Topics covered include parts of speech, sentence structure, subject/verb agreement, prepositions, pronoun/antecedent agreement, adjective and adverb comparatives, and articles. This is a computer based course recommended for students enrolled in ESL G021, G031, and G041. This course may be taken 2 times. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G002 - 0.5 Units
Grammar 2: Essential Grammar
This is a Writing and Reading Center course designed to help students master basic sentence mechanics, such as: using capital letters, end marks, commas, quotation marks, colons, semi-colons, hyphens and dashes correctly. It also helps students understand spelling rules, plurality, and possessives. This is a computer based course recommended for students enrolled in ESL G041, G051, G061, G071 and English G009 and G010. Open entry/open exit. This course may be taken 2 times. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.
ENGLISH READING & WRITING CENTER G003 - 1.25 Units
Grammar 3: Building Sentences
This is a Writing and Reading Center course designed to help students master basic writing structure, word usage, diction, style, and tone. This is a computer based course recommended for students enrolled in ESL G061, G071, and English G009, G010, and G100. Open entry/open exit. This course may be taken 2 times. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G011 - 1 Unit
Building Vocabulary Skills I
This Writing and Reading Center course is designed for beginning ESL students in courses such as ESL G011 and G021, who possess a vocabulary of approximately 600 words and need practice with basic English. Students will practice a variety of strategies for learning and retaining vocabulary used in everyday written communication. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G012 - 1 Unit
Building Vocabulary Skills II
This Writing and Reading Center course is designed for intermediate level ESL students in courses such as ESL G031 and G041, who possess a vocabulary of approximately 1700 words and need practice with words used in a basic English. Students will practice a variety of strategies for learning and retaining vocabulary used in everyday written communication. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G013 - 1 Unit
Building Vocabulary Skills III
This Writing and Reading Center course is designed for intermediate ESL students in courses such as ESL G051 and G061, who possess a vocabulary of about 2300 words and need practice with a basic level of academic vocabulary. Students will practice a variety of strategies for learning and retaining vocabulary used in everyday written communication. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G014 - 1 Unit
Building Vocabulary Skills IV
This Writing and Reading Center course is designed for advanced ESL students in courses such as ESL G071, who possess a vocabulary of at least 3000 words and want to prepare for basic English courses. Students will practice a variety of strategies for learning and retaining college level vocabulary. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G015 - 1 Unit
Academic Vocabulary Skills I
This Writing and Reading Center course is designed for students of basic level English courses such as English G009 and English G010 who need practice with intermediate academic vocabulary. Students will practice a variety of strategies for learning and retaining vocabulary used in an academic environment. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G016 - 1 Unit
Academic Vocabulary Skills II
This Writing and Reading Center course is designed for students in college level English courses such as English G100 and English G110 who need practice with advanced academic vocabulary. Students will practice a variety of strategies for learning and retaining vocabulary used in an academic environment. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G020 - 0.18-0.5 Units
Writing Center Conference I
This is a self-paced, variable unit course offering individualized instruction designed to meet your specific needs in areas such as getting started, development and organization of ideas, grammar, punctuation and ESL. This writing course may be either self-selected or recommended by your instructor in another course that requires written assignments. This course may be taken 4 times. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G021 - 0.5 Units
Writing Center Conference II
This course continues the individually tailored writing instruction begun in English G097 and can be taken in connection with any college course requiring writing assignments. This course may be taken 4 times. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G022 - 1.25 Units
Writing In the Work Place
This is a Writing and Reading Center course designed to teach students how to write simply and effectively in business settings. It focuses on how to write memos, directions, letters, meeting documents, reports, and how to fill-out forms. This is a computer based course which uses PLATO learning software. This course may be taken 2 times. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G023 - 0.5 Units
Writing a Unified Paragraph
This course instructs students in the process of developing a unified paragraph. It includes sections on prewriting techniques, developing a topic sentence and support sentences, and writing and revising a unified paragraph. This course may be taken 2 times. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G024 - 1 Unit
Writing a Unified Essay
This course instructs students in the process of essay writing, including generating ideas, writing a first draft, revising, and using a variety of introductions and conclusions. Students will practice the five-paragraph essay both with self-generated topics and with responses to reading assignments. This course may be taken 2 times. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G025 - 0.18 Units
Writing the University Application Letter
This short course guides students through the process of writing the Personal Statement required with the University of California application. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G030 - 0.5 Units
Guided Reading Development
A course for the development of reading, writing and vocabulary skills for students of all levels: beginning ESL to native speakers. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.
ENGLISH READING & WRITING CENTER G031 - 1 Unit
English Reading for ESL
This reading course will best serve English as a Second Language students at the 030/040/050 levels. It focuses on developing key reading strategies within the context of authentic newspaper articles. The exercises that accompany the readings emphasize pre-reading and predicting outcomes, comprehension, scanning, recognizing main ideas, making inferences, and understanding and using contextualized vocabulary. This course may be taken 4 times. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G032 - 0.5 Units
Reading for College Success
For native speaking students and advanced ESL students who desire college level reading skills. This lab course is designed to complement all academic courses that require advanced reading skills by increasing reading comprehension, context, vocabulary, retention, and speed. This course may be taken 4 times. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G034 - 2 Units
Intermediate Reading Strategies
This course is for students who want to build stronger foundational reading skills. This Writing Center lab course is designed around the PLATO reading software program, a computer-based curriculum. This course covers a variety of reading skills, encourages active reading, and develops critical thinking skills. This course may be taken 2 times. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENGLISH READING & WRITING CENTER G035 - 2 Units
Advanced Reading Strategies
This course is for students who want to build advanced college reading skills across several content areas, such as literature, social sciences, history, and science. This computer-based lab course is designed around the PLATO reading software and will help students develop reading comprehension and critical thinking skills. Students will learn specific strategies necessary to read college-level material in a variety of disciplines. This course may be taken 2 times. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ENVIRONMENTAL STUDIES (This program has become a part of the Energy Efficiency Renewable Energy Program)

ENVIRONMENTAL STUDIES G100 - 3 Units
Introduction to Environmental Studies
An interdisciplinary course designed to give the student a general overview of the environmental studies field. A basic understanding of issues related to the environmental compartments of air, soil, and water; historical events, economic, political, and cultural concepts, regulations, and technology will be presented. An overview of career opportunities and paths within the environmental industry will be presented. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

ENVIRONMENTAL STUDIES G133 - 4 Units
Energy Audit I
This course introduces the student to the concepts of energy efficiency, energy conservation, energy auditing and assessment. Students will learn to inspect, test, and measure energy usage in buildings. In addition, students will learn to recommend energy efficient steps to reduce building energy usage through practical and cost-effective installation of insulation and retrofitting of energy efficient doors, windows, and appliances. Lecture. Optional pass/no pass grade. Transferable to CSU.

ENVIRONMENTAL STUDIES G140 - 3 Units
Environmental Education and Interpretation
This course is designed to introduce the guiding principles for interpreting nature and culture. Existing educational materials, options for environmental program education delivery, and the development of interpretative centers will be examined. Students participate in environmental education and interpretation programs through collaboration with local and international agencies and organizations, and with industry. Career paths and opportunities will be presented. Lecture. Optional pass/no pass grade. Transferable to CSU.

ENVIRONMENTAL STUDIES G141 - 3 Units
Introduction to Recycling and Resource Management
This course introduces general terminology and principles regarding recycling, resource management and zero waste. The history of waste and resource management in California, including residential, commercial and institutional reuse, recycling, and composting programs, is addressed. An overview of national, state, and local legislation and regulations related to resource management and recycling is presented and explained. The course covers the original 3Rs (reduce, reuse, recycle), plus recovery, remanufacture and repurchase. Lecture. Optional pass/no pass grade. Transferable to CSU.

ENVIRONMENTAL STUDIES G142 - 3 Units
Culture and Zero Waste
This course will provide an overview of our “throw-away” culture and the motivations behind the economics of consumerism. Key issues of the course include carbon footprint, plastics in our environment, consumer laws and mindsets. It will identify key government agencies and policies and how to collaborate and obtain funding for outreach. Environmental educational skills, programs, and methods will be reviewed. Case studies of successful youth campaigns will be explored and the basics of establishing strong youth educational programs will be examined. Lecture. Optional pass/no pass grade. Transferable to CSU.

ENVIRONMENTAL STUDIES G143 - 3 Units
Resource Management and Zero Waste for Communities
This course will identify how resource management and zero waste policies and programs are developed within a community, what type of planning and facilities are needed, and how to finance the systems. Students will also review sample zero waste community plans and will discuss different approaches communities have taken in developing zero waste plans. Students will also learn business recycling tools for local government, best practices for RFPs (Request for Proposals) and contracts, understanding enforcement options, design of resource recovery parks, performance reporting and financial records, Extended Producer Responsibility and Local Producer Responsibility policies and programs, bans, rules and incentives, and developing local markets and uses. Lecture. Optional pass/no pass grade. Transferable to CSU.

ENVIRONMENTAL STUDIES G144 - 3 Units
Resource Management and Zero Waste in Business
This course will provide hands-on applications and tools for students to design, implement and oversee waste reduction and resource management programs as they relate to business and industry. This course will study the zero waste business principles, detailing how businesses can implement those principles to achieve zero waste. Examination of case studies demonstrates how different companies have addressed and resolved issues in pursuing zero waste. This course will also provide students with an understanding of how to plan and implement commercial food and organic programs. Lecture. Optional pass/no pass grade. Transferable to CSU.
ENVIRONMENTAL STUDIES G155 - 5 Units
Renewable Energy Sources and Applications
This course provides a comprehensive overview of the principal types of renewable energy including solar, wind, hydro, tide, wave, geothermal, biomass, and fuel cell. The underlying physical and technological principles of renewable energy resources, their environmental impact, current applications and future prospects will be examined. Lecture. Open entry/open exit. Not transferable, not degree applicable.

ENVIRONMENTAL STUDIES G160 - 4 Units
Solar Energy I–Thermal Technologies and Applications
(Same as: Engineering Technology G160)
This course introduces the theoretical concepts and practical applications of solar thermal energy. Solar radiation, measurement, and data processing will be discussed. Components, systems and system performance including design, predicted energy savings, and economics will be examined. The focus will be on low-temperature applications for solar hot water and space heating. Career paths and opportunities within associated industries will be presented. Lecture. Optional pass/no pass grade. Transferable to CSU.

ENVIRONMENTAL STUDIES G162 - 4 Units
Solar Energy II–Photovoltaic Technologies and Applications
(Same as: Engineering Technology G162)
This course provides a comprehensive introduction to solar photovoltaic (PV) energy systems, including cell design and manufacturing technologies. A range of PV applications will be presented including grid connections, rural electrification, transportation designs, stand-alone systems, consumer products, and the supply of electrical power to satellites in space. Career paths and opportunities within associated industries will be presented. Lecture. Optional pass/no pass grade. Transferable to CSU.

ENVIRONMENTAL STUDIES G170 - 3 Units
Renewable Energy Sources and Applications
(Same as: Engineering Technology G170)
This course provides a comprehensive overview of the principal types of renewable energy including solar, thermal, photovoltaic, bio, hydro, tidal, wind, geothermal, hydrogen, and fuel cell. The underlying physical and technological principles of renewable energy resources, their environmental impact, current applications and future prospects will be examined. Career paths and opportunities within associated industries will be presented. Lecture. Optional pass/no pass grade. Transferable to CSU.

ENVIRONMENTAL STUDIES G180 - 0.5-3 Units
Ecotourism Destinations
The course will introduce students to the concepts, principles, planning and management of ecotourism destination activities, which promote cultural and environmental awareness while providing beneficial economic opportunities to the local community. Destination activity guidelines will be presented including the practical skills, and techniques necessary for assisting communities in the development of an ecotourist itinerary, educational program and marketing plan. This course may be taken 4 times. Field activities will be a major component of the program. This course ca be repeated for a maximum of four destinations. This course will be offered as a variable unit value according to the complexity of the focused destinations. Lecture & lab. Optional pass/no pass grade. Field activities will be a major component of the program. This course can be repeated for a maximum of four destinations. This course will be offered as a variable unit value according to the complexity of the focused destination(s). Transferable to CSU.

ENVIRONMENTAL STUDIES G190 - 1.5-3.5 Units
Environmental Studies Practicum
Designed to provide environmental studies learners with a practicum cooperatively planned by a private, public or non-profit agency and the environmental studies faculty. Focus is on providing students with an opportunity to apply environmental studies theory in a realistic work setting. The course includes classroom/online discussion of issues directly related to the practicum. This course may be taken 4 times. Student's practicum can take place locally, nationally or internationally. This course can be repeated and taken for a maximum of 12 units. One and one half hours lecture, ten-thirty hours non-lecture per week. Lecture & lab. Optional pass/no pass grade. Students' practicum can take place locally, nationally or internationally. This course can be repeated and taken for a maximum of 12 units. One and one half hours lecture, ten-thirty hours non-lecture per week. Transferable to CSU.

ESL WRITING CENTER G001 - 1 Unit
Basic Present, Past, and Future Tense Skills Development
(Formerly known as: ESLW G108, G110)
This course focuses on the correct usage of present, past, and future tenses. Students will learn when to use these tenses, how to ask questions and give answers, how and when to use contractions, how to form wh-questions, how to form the negative, and how to use the verb “be.” Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ESL WRITING CENTER G025 - 0.5 Units
Sentence Combining and Past Habit “Used to”
(Formerly known as: ESLW G115)
This course is a study of introductory sentence combining in written English, focusing on coordinating conjunctions and simple adverb clauses of time, contrast, and cause and effect. This course also focuses on the correct usage of “Used To” to talk about past habits or past situations that no longer exist in the present. Students will learn to contrast the past and the present using “used to” and time expressions. The lessons include learning to ask and answer yes/no and wh-questions, form negative sentences, and differentiate between “used to” and “be used to” (be accustomed to). Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ESL WRITING CENTER G026 - 0.5 Units
Introduction to Spelling and Prepositions
(Formerly known as: ESLW G127)
This course focuses on basic spelling rules which help students to use sounds to spell correctly. This course also provides an introductory study of prepositions used in written English, focusing on prepositions of place and time. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ESL WRITING CENTER G044 - 0.5 Units
The Formation and Use of Modal Auxiliaries
(Formerly known as: ESLW G134)
This course focuses on the correct usage of Modals. Students will learn what Modals are, how to form them, and how they are used. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ESL WRITING CENTER G054 - 0.5 Units
The Formation and Use of Passive Voice, and Participial Adjectives
(Formerly known as: ESLW G153)
This course focuses on the correct usage of passive voice and participial adjectives. Students will learn what they are, how to form them, and where they are used. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.

ESL WRITING CENTER G056 - 1 Unit
Present and Past Perfect and Perfect Progressive Tenses
(Formerly known as: ESLW G157, G158, G159)
This class focuses on the usage of the present perfect, present perfect progressive, past perfect, and the past perfect progressive tense forms and their applications in writing. Open entry/open exit. Lab. Pass/no pass only. Open entry/open exit. Not transferable, not degree applicable.
Farsi

Farsi G060 - 3 Units
Practical Farsi, Beginning
This course is designed to introduce the students to the fundamental skills of spoken Farsi/Persian, (country: Iran/Persia, Language: Farsi/Persian). Students will learn correct pronunciation, basic structural patterns and necessary vocabulary in order to ask and answer questions on everyday topics such as the weather, family, time and counting. Students will also learn courtesy phrases and how to describe home, job, pastimes, personal characteristics and other familiar subjects. Lecture. Optional pass/no pass grade.

Farsi G061 - 3 Units
Practical Farsi
Advisories: Farsi G060 or equivalent knowledge of spoken Farsi.
This course is a continuation of Farsi G060 and will reinforce and expand on the fundamentals of communicative competence in daily spoken modern Farsi. This course focuses on listening comprehension, and speaking. Reading and writing skills will also be expanded. This course will continue to familiarize students with customs and cultural achievements. Lecture. Optional pass/no pass grade.

Farsi G180 - 5 Units
Elementary Farsi 1
(Formerly known as: Elementary Farsi)
This course is designed to introduce the students to the fundamentals of Farsi grammar. The students will begin to develop language competencies in listening, speaking, reading and writing simple Farsi, as well as fundamental aspects of culture. This course is equivalent to two years of high school Farsi. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

Farsi G185 - 5 Units
Elementary Farsi 2
(Formerly known as: Elementary Farsi II)
Prerequisites: Farsi G180
This course is a continuation of Farsi G180 with emphasis on reading and writing ability. The students will further develop language competencies in listening and speaking, as well as fundamental aspects of culture. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

Floral Design

Floral Design G015 - 2 Units
Floral Design-Wedding Designs, Advanced
Advisories: Floral G110
This course explores the advanced techniques of design and the execution of traditional floral compositions for wedding décor. The course is designed to provide the student with theory and lab experience in the styling of floral pieces specific to weddings and identify the latest floral trends. Body flowers, carrying pieces, ceremony and reception designs will be executed. Consultation, service, delivery procedures, ordering and pricing will be covered. Completed lab projects are taken home by the student. Lecture and lab. This course may be taken 2 times. Letter grade only.

Floral Design G020 - 2 Units
Designs in Global Floristry, Advanced
Advisories: Floral G110
Globalization has changed floral focus to include intercontinental design techniques and imported products. This class will increase awareness and appreciation of cultural influence and country specific designs. This course provides practical application and construction of design styles with an emphasis on European floral designs, International floral customs, wedding décor, sympathy tributes, window and store display and home designs. Completed lab projects are taken home upon completion. Lecture & lab. Letter grade only.

Floral Design G025 - 2 Units
Advanced Floral Design-Event Planning and Display
Advisories: Floral G110
This course focuses on the advanced design skills and techniques used to create thematic floral arrangements for special events and window display. This class includes comprehensive information regarding planning, organizing, designing, and delivering designs for special occasions. Party props, room décor, table treatments, and display elements are emphasized along with art principles and creative thematic approaches to floral design. Students will design and create a themed floral arrangement each week during the floral lab portion of class. After evaluation, the completed project may be taken home. This course may be taken 2 times. Lecture & lab. Letter grade only.

Floral Design G027 - 2 Units
Creativity and Competition
Advisories: Floral G110
Individualized, non-standard, contemporary flower arrangements are created emphasizing the use of the student’s own imagination and creative talent. This course will broaden the students design elements, personally expand and develop beyond students present personal creativity potential. Enhance the students skills to prepare for competition by practicing during lab time of class. This course may be taken 2 times. Lecture & lab. Letter grade only.

Floral Design G032 - 2 Units
Permanent and Seasonal
Advisories: Floral G110
This course provides the student with theory and lab experience in the use of permanent botanicals, artificial and preserved plant materials. Instruction emphasizes mechanics and techniques of construction for home décor and commercial applications, as well as the preservation process. Lecture and lab. Letter grade only.

Floral Design G050 - 2 Units
Floral Placement and Productions Practicum II
Advisories: Floral G110
Emphasis in this course will be focused towards providing students opportunities to gain proficiency by developing skills in an industrial environment. Instructor will assist students to prepare for and locate suitable entry level positions in industry. Evaluation of job preparation as well as on-site performance in cooperation with work site supervisors will occur. Lecture & lab. Letter grade only.
FLORAL DESIGN G110 - 2.5 Units

Basic Floral Design
(Formerly known as: Floral Design G010)
This course is an introduction to the fundamentals of theory, techniques and skills currently practiced in the floral industry. The course includes applied art principles, cut flower and foliage care and botanical identification, handling practices, proper use of florist’s tools and materials, pricing of floral products and historical period designs. This course prepares students for entry-level positions in the floral industry. Detailed instruction and demonstrations are given on various arrangement styles and flowers to wear. Students utilize lab time to execute class projects. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

FLORAL DESIGN G111 - 2.5 Units

Floral Business Practicum I
(Formerly known as: Floral Design G011)
Advisories: Floral G110
This is an intermediate course which reinforces basic floral knowledge emphasizing art elements and principles of design. It also introduces additional design styles and industry techniques. Additionally, students will explore the duties of a shop operator including pricing for profit, merchandising and management. Proper care, handling techniques of fresh flowers/foliages, flower classification and flower/foliation botanical identification are reviewed. Theory of design, techniques and color concepts are reinforced as students create floral arrangements and corsages. Emphasis is on sharpening basic skills and creating cost/profit awareness. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

FRENCH

FRENCH G060 - 3 Units

Practical French, Beginning
Development of basic skills in the language. Practice in pronunciation and comprehension of French and introduction of basic structural patterns. Lecture. Optional pass/no pass grade.

FRENCH G061 - 3 Units

Practical French, Intermediate
Advisories: French G060
A continuation of French G060. Pronunciation, diction, oral practice and minimum grammar for conversation. The student will be able to recognize important phrases, ask questions using these phrases, develop an acceptable accent, become familiar with cultural background, and develop the ability to carry on a conversation. Lecture. Optional pass/no pass grade.

FRENCH G180 - 5 Units

Elementary French 1
(Formerly known as: Elementary French)
This is an introductory course in the French language. Students learn to understand, speak, read, and write basic French. This is a proficiency-oriented course to acquire French for real life situations. Classes are conducted in French. Native speakers are eligible by permission of the instructor only. This course is equivalent to two years of high school French. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

FRENCH G185 - 5 Units

Elementary French 2
(Formerly known as: French, Elementary)
Prerequisites: French G180 or 2 years of high school French
A continuation and completion of French G180. Further development emphasizing reading ability. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

FRENCH G280 - 4 Units

Intermediate French 1
(Formerly known as: French, Intermediate)
Prerequisites: French G185 or 3 years of high school French
A thorough review of essentials of French grammar with wide readings in French on civilization and literature. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

FRENCH G285 - 4 Units

Intermediate French 2
(Formerly known as: French, Intermediate)
Prerequisites: French G280 or 4 years of high school French
Further cultural readings, including history and literature, will provide the focus for more advanced discussions and writings. Study of French idioms. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

FRENCH G290 - 3 Units

French Culture and Civilization
Prerequisites: French G285
Further development of language competencies such as listening, speaking, reading and writing. Extensive exposure to French and Francophone cultures through authentic materials and group discussions on a variety of topics ranging from current events to global issues. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

GEOGRAPHY

GEOGRAPHY G100 - 3 Units

World Regional Geography
Recommended for transfer students majoring in anthropology, economics, geography, history, political science, and natural sciences. An introduction to geography through a regional study of a variety of environments with emphasis on the ways humans have adapted to and/or changed them. The regions studied will include the Americas, Eurasia, Africa, Australia and islands and oceans. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

GEOGRAPHY G180 - 3 Units

Introduction to Geography: Physical Geography
Recommended for transfer students majoring in anthropology, economics, geography, history, sociology and the natural sciences. A study of the basic physical elements of the geographical environment, with particular attention to the earth as a planet, its structural features, landforms, meteorological and climatological phenomena, vegetation, soils and environmental regions. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

GEOGRAPHY G185 - 3 Units

Cultural Geography
(Formerly known as: Geography G104, Introduction to Geography: Cultura)
Recommended for transfer students majoring in anthropology, economics, history, geography or sociology. An introduction to geography through a topical study of the patterns of human occupation and land use over the earth’s surface and the correlation with the natural environment. Particular emphasis will be given to population, agriculture, politics, language, religion, folk and popular culture, urbanization and industrialization. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.
GEOGRAPHY G195 - 3 Units
Environmental Geography
Recommended for transfer students majoring in anthropology, ecology, economics, geography, history, sociology, and the natural sciences. Environmental geography examines relationships between humans and environment on global, regional, and local scales. Topics covered will include: climate change and global warming, deforestation, desertification, accelerated erosion, pollution, environmental politics, population, resources, conservation, and preservation. Emphasis will be on objectivity in the pursuit of understanding complex and controversial environmental issues. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

GEOLGY G105 - 3 Units
General Geology
A course designed specifically for non-science majors desiring a three unit non-laboratory survey course in geology to meet general education requirements. Includes coverage of both the physical and historical aspects of geology with emphasis on recent discoveries of sea floor spreading and continental drift. Along with topics from physical geology such as minerals, rocks, surface processes, structure and interior processes, there will also be coverage of such historical topics as the fossil record, Earth history and evolution. UC credit limitations: No credit if taken after Geology G100. Lecture. Letter grade only. Transferable to CSU; UC.

GEOLOGY G106 - 4 Units
Earth Science for Teachers
This lecture/laboratory study of introductory Earth Science includes physical and historical geology, physical oceanography, and meteorology. The subjects covered are part of the state of California science standards for K-12 classes. Emphasis will be placed on how these topics should be addressed by teachers within the California Science Framework. A field trip will be required. Lecture & lab. Letter grade only. Transferable to CSU. Offered spring semester only.

GEOLOGY G110 - 4 Units
Physical Geology
(Formerly known as: Geology G100)
An introductory survey of physical geology recommended to meet the general education requirements for a laboratory science course. All aspects of physical geology are covered, including the internal and surface processes which shape the Earth along with the composition and resources of the Earth. Mineral, rock, map and photo exercises are included in laboratory work. Lecture & lab. Letter grade only. Transferable to CSU; UC.

HEALTH EDUCATION G107 - 3 Units
Drugs, Health, and Society
(Formerly known as: Health Education G120)
This course will explore the different categories of drugs, such as over-the-counter, prescription, and illegal “recreational drugs.” Drugs and their relationships to a person’s health and wellbeing will be discussed. The motivation to use drugs, abuse and addiction, family concerns, identification of drugs, enforcement, and addiction intervention methods will also be reviewed. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HEALTH EDUCATION G111 - 1 Unit
Basic Cardio-Pulmonary Resuscitation
(Formerly known as: Health Education G125)
A basic course in mouth-to-mouth resuscitation and cardio-pulmonary resuscitation. Completion of this course leads to certification in basic cardio-pulmonary resuscitation through the American Red Cross. Lecture. Optional pass/no pass grade. Transferable to CSU.

HEALTH EDUCATION G112 - 2 Units
First Aid/Cardio-Pulmonary Resuscitation
(Formerly known as: Health Education G12)A basic course in mouth-to-mouth resuscitation and cardio-pulmonary resuscitation. A course in emergency care of the ill and injured, including cardio-pulmonary resuscitation. American Red Cross first aid certificates and American Red Cross and American Heart Association CPR cards are awarded to students who complete the course. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HEALTH EDUCATION G135 - 3 Units
Nutrition and Health
(Formerly known as: Nutrition)
This course provides an integrated overview of the physiological requirements and functions of everyday nutrition. Topics will cover many different aspects and views of nutrition and how it affects our lives. Lecture. Letter grade only. Transferable to CSU; UC.

HISTORY G110 - 3 Units
Economic History of the United States
(Same as: Economics G120)
A survey of the economic transformation of the U.S. from colonial times to the present. Emphasis is on the social and political consequences of economic development and change as well as Americas’ involvement in international economic interdependency. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HISTORY G120 - 3 Units
Asian Civilizations
This course compares and contrasts geographic and demographic patterns and the dynamics of primitive, modern, and transitional Asian societies. Major political, economic, sociocultural developments, and religious traditions of India, China, Japan, Korea, and Southeast Asia will be presented in an historical perspective. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.
HISTORY G121 - 3 Units
History of American Women
(Formerly known as: History G165)
Explores the historical role of the American woman, comparing the images developed in our culture with the reality of women's lifestyles and contributions to economic, political and social change. Emphasis will be on the twentieth century woman. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HISTORY G132 - 3 Units
History of Britain and Ireland I
This course is a survey of British and Irish history from the Neolithic Age to the 17th century. It explores how various cultures (Celtic, Pictish, Roman, Anglo-Saxon, Scandinavian, and Norman-French) struggled for supremacy and survival over several thousand years culminating in the ascendancy of England. Major topics include Celtic culture, Roman imperialism, Viking impact, Norman conquest and the reigns of the Tudors and Stuarts. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HISTORY G136 - 3 Units
Ancient Civilizations of Mesoamerican and the Southwest
(Same as: Anthropology G136)
This course is a study of the prehistory and cultural evolution of the civilizations which originated in Mesoamerica, including the Olmecs, Aztecs, Toltecs, Maya, and Zapotec, as well as the Pueblos of the Southwestern U.S. Topics include the origins of food production and of the state, political and social history, ancient cities, and the Spanish conquest. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

HISTORY G140 - 3 Units
California History
Recommended for transfer students. A background in American history is helpful. A survey of California’s social, economic and political development with concentration on recurring and current issues. The period following the gold rush to the present is emphasized. Recommended for transfer students. A background in American history is helpful. Lecture. Optional pass/no pass grade. Recommended for transfer students. A background in American history is helpful. Transferable to CSU; UC.

HISTORY G150 - 3 Units
History of Latin America
A survey of Latin American history from pre-Columbian times to the present. Emphasis is placed on the interplay of Iberian, African, and Indian influences upon social and cultural evaluation. Also stressed are Latin American relations with the United States in the 19th and 20th centuries. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HISTORY G161 - 3 Units
World History 1
(Formerly known as: History G190, World History to 1500)
A broad survey of the early development of civilizations around the world. The course examines geographic and human influences and compares the differences and similarities in the early civilizations. The survey goes up to the period of broad cultural contacts of the 15th century. Lecture. Optional pass/no pass grade. Recommended for transfer students. Transferable to CSU; UC.

HISTORY G162 - 3 Units
World History 2
(Formerly known as: History G195 World History Since 1500)
This course is an exploratory survey of diverse cultural, political and socio-economic societies in the main geographical arenas of the world since 1500, including events and ideas. The course also focuses on the contemporary challenges of global interaction and interdependence. Lecture. Optional pass/no pass grade. Recommended for transfer students. Transferable to CSU; UC.

HISTORY G170 - 3 Units
History of the United States to 1876
A survey of American historical development from the founding of English colonies through Reconstruction. The course emphasizes the evolution of political, economic and social institutions and ideas. Recommended for transfer students. Essential for history and political science majors. Lecture. Optional pass/no pass grade. Recommended for transfer students. Essential for history and political science majors. Transferable to CSU; UC.

HISTORY G175 - 3 Units
History of the United States since 1876
A survey of American history since the Civil War. The course emphasizes the development of the modern American society and economy, and American participation in world affairs. Recommended for transfer students. Essential for history and political science majors. Lecture. Optional pass/no pass grade. Recommended for transfer students. Essential for history and political science majors. Transferable to CSU; UC.

HISTORY G180 - 3 Units
Western Civilization 1
(Formerly known as: History of Western Civilization 1)
This course explores the concept of Western Civilization from its origins in ancient Mesopotamia via civilizations in ancient Egypt, Greece, Rome, and medieval Europe to the Renaissance (c.1500). The emphasis is on a wide spectrum of human creativity, ideas, beliefs, institutions and endeavor. Throughout the time period the dynamics of change and continuity will be questioned and analyzed. Recommended for transfer students: CSU; UC.
HISTORY G180 HONORS - 3 Units
Western Civilization 1, Honors
(Formerly known as: History of Western Civilization 1, Honors)
The Golden West Honors program offers highly motivated students an enriched academic experience, challenging them with stimulating, rigorous assignments leading them to advanced levels of critical thinking. Most enhancements to the standard History G180 course are qualitative rather than quantitative. There is no definitive statement in History. Each generation re-writes it according to its values, beliefs and prejudices. What makes a good historian is an inquiring mind. History should be interrogated by minds trained in a discipline of attentive disbelief! Each class involves a quest for answers to historical questions. These learning objectives are divided into five equal course units or modules. They define the material to be presented in class and tested periodically. Unit #1 deals with the Roots of Western Civilization in Mesopotamian, Egyptian and Hebrew cultures. Unit #2 examines Ancient and Classical Greece with special reference to philosophical, literary and artistic achievements. Unit #3 explores Cosmopolitanism by study of the Hellenistic Age and the transition of the Roman Republic into the Roman Empire. Unit #4 looks at the Transformation of the Roman World into the realms of Roman and Byzantine Christianity and also at the world of Islam. Unit #5 deals with the Rise of Western Europe: manorialism and feudalism; city-states and universal empires; and the concept of Renaissance. UC Credit Limitations: History G180 and G180H combined--maximum credit, one course. Lecture. Letter grade only. UC Credit Limitations: History G180 and G180H combined--maximum credit, one course Transferable to CSU; UC.

HISTORY G185 - 3 Units
Western Civilization 2
(Formerly known as: History of Western Civilization 2)
This course explores the concept of Western Civilization from the Renaissance (c.1500) to the modern era. Topics include Reformation, Scientific Revolution, Enlightenment, Constitutionalism, French Revolution, Industrial Revolution, Romanticism, Nationalism, Totalitarianism, and Consumerism. The dynamics of change and continuity throughout the period will be questioned and analyzed. Recommended for transfer students: CSU, UC.

HISTORY G185 HONORS - 3 Units
Western Civilization 2, Honors
(Formerly known as: History of Western Civilization 2, Honors)
As in the standard course students will explore the period from the Reformation (1500s) to the later 20th century. Special attention is given to the concepts of enlightenment, industrial revolution, evolution and total war. Most enhancements are qualitative rather than quantitative. Honors students will evaluate challenging primary and secondary sources of evidence to develop insights. Integral to this process is an appreciation of historiography. The objective is to challenge students with stimulating, rigorous assignments to inspire advanced levels of critical reading and thinking. UC Credit Limitations: History G185 and G185H combined--maximum credit, one course. Lecture. Letter grade only. UC Credit Limitations: History G185 and G185H combined--maximum credit, one course Transferable to CSU; UC.

HUMANITIES

HUMANITIES G100 - 3 Units
Art History and Appreciation 1--Prehistoric to Renaissance
(Formerly known as: History and Appreciation of Art)
(Same as: Art G105)
This is a survey of prehistoric art to the Renaissance period, stressing the basic principles and history of art demonstrated in painting, sculpture, and architecture. Illustrated lectures, reading, and museum reports are included in the course. Art majors planning to transfer should enroll in Art G105. UC Credit Limitations: Humanities G100 and G100H combined--maximum credit, one course. Lecture. Optional pass/no pass grade. Art majors planning to transfer should enroll in Art G105. UC Credit Limitations: Humanities G100 and G100H combined--maximum credit, one course. Transferable to CSU; UC.

HUMANITIES G100 HONORS - 3 Units
Art History and Appreciation 1 - Prehistoric to Renaissance, Honors
(Formerly known as Art G105 Honors)
The focus of this course is a survey of art, beginning with Prehistoric art and concluding with Gothic art. We will study painting, sculpture and architecture as an integral part of cultural patterns and development. Slide accompanied lectures, reading and written assignments are included in this course. Study assignments involve visits to major art museums and current exhibitions. The honors course intensifies the focus on research, exploration and critical thinking. Most enhancements to the regular Art G105/ Humanities G100 are qualitative rather than quantitative. While there is additional reading and writing, the intensified focus on critical thinking holds students to a higher standard: all their oral and written work must manifest a commitment to, and a capacity for, academic excellence. Lecture. Letter grade only. UC Credit Limitations: Humanities G100 and G100H combined--maximum credit, one course. Transferable to CSU; UC.

HUMANITIES G101 - 3 Units
History of Radio, Television and Broadcasting
This course is designed for students interested in the history of the motion picture, television programs and radio programs. Documentary films, experimental films, feature-length motion pictures and television shows will be shown in class. The new generation of public broadcast radio programs will be studied in addition to listening to classic selections from the period in radio history known as 'The Golden Years of Radio.' In addition to viewing and hearing landmark examples from these three areas which will provide the historical overview, students will learn to recognize and understand the great sociological and psychological influences these three media have had on our daily lives. Designed as a general interest course for all students. Highly recommended for theater, commercial music and journalism majors. Lecture. Optional pass/no pass grade. Highly recommended for theater, commercial music and journalism majors. Transferable to CSU.

HUMANITIES G102 - 3 Units
Introduction to Art
(Former as: Art G100)
An introductory course for both the general interest and art major student. A survey of the nature and role of the visual arts in society. Art theory, art practices and an overview of art history will be covered. The medias of art will also be explored. Lecture. Optional pass/no pass grade. Required field trips. Transferable to CSU; UC.
HUMANITIES G103 - 3 Units
World of Music
(Same as: Music G103)
This course is a survey of music of selected cultures outside the tradition of Western art music. Divided into three general categories, the course examines folk music, tribal music, and art structures. Audio recordings and filmed examples introduce the student to instrumental and vocal techniques, musical structures, and performance contexts. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HUMANITIES G104 - 3 Units
History and Appreciation of Opera and Related Forms
(Same as: Music G104)
This course is a guide to attending and understanding performances of opera and related forms. It examines the history of opera, from its inception in Florence and Milan, Italy, during the transition from the Renaissance to the Baroque eras around 1600 up to modern times. In addition, the course reviews the precursors of opera, the cultural currents that led to the invention of opera, and musical genres related to or descended from opera, such as operetta, musical theatre, oratorio and cantata. Written review of three live performances is required. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HUMANITIES G108 - 3 Units
History and Appreciation of the Musical Theater
(Same as: Theater Arts G108, Music G108)
A course in all of the elements which make the Musical Theater one of the premier art forms of the 20th Century. The student will explore the history of the form as well as examine the roles of composer, bookwriter, lyricist, performer, and others relative to writing and mounting a production. Videos and live performances will be utilized to enhance the learners knowledge of the medium. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

HUMANITIES G110 - 3 Units
Art History and Appreciation 2 - Renaissance to Present
(Formerly known as: History and Appreciation of Art)
(Same as: Art G106)
This is a survey of the history of art beginning with the Italian Renaissance and concluding with modern art. Painting, sculpture, and architecture are studied as an integral part of cultural patterns and developments. Illustrated lectures, reading, and field trips to current exhibitions. Study assignments involve at least one visit to a major art museum. Art majors planning to transfer should enroll in Art G106. UC Credit Limitations: Humanities G110 and G110H combined—maximum credit, one course. Lecture. Optional pass/no pass grade. Art majors planning to transfer should enroll in Art G106. UC Credit Limitations: Humanities G110 and G110H combined—maximum credit, one course. Transferable to CSU; UC.

HUMANITIES G110 HONORS - 3 Units
Art History and Appreciation 2 - Renaissance to Present, Honors
(Same as: Art G106 Honors)
This course is a survey of the history of art, beginning with the Italian Renaissance and concluding with modern art. We will study painting, sculpture, and architecture as an integral part of cultural patterns and developments. Illustrated lectures, reading and field trips to current exhibitions are included in the course. Study assignments involve at least two visits to major art museums. The Honors course intensifies the focus on research, exploration and critical thinking. Most enhancements to the regular Art G106/Humanities G110 are qualitative rather than quantitative. While there is additional reading and writing, the intensified focus on critical thinking holds students to a higher standard: all their oral and written work must manifest a commitment to, and a capacity for, academic excellence. UC Credit Limitations: Humanities G110 and G110H combined—maximum credit, one course. Lecture. Letter grade only. UC Credit Limitations: Humanities G110 and G110H combined—maximum credit, one course. Transferable to CSU; UC.

HUMANITIES G114 - 3 Units
Contemporary Art History
(Formerly known as: History of Modern Art)
(Same as: Art G104)
A survey of the history of modern art, beginning at 1900 and concluding with contemporary art of today. Painting, sculpture, printmaking, architecture, photography, video and ceramics are studied as an integral part of cultural patterns and developments in twentieth century art. The course will include illustrated lectures, readings and field trips to current exhibitions. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HUMANITIES G116 - 1.5 Units
Art Museum and Gallery Field Studies
(Same as: Art G102)
A nine-week course of weekly lectures and field trips to art museums, galleries, and current traveling art exhibitions in Southern California. Critical viewing of original art with emphasis on historical and stylistic context. Group discussions of art reviews and selected texts. All transportation provided. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

HUMANITIES G120 - 3 Units
History and Appreciation of Music
(Same as: Music G101)
This course is designed to help students enjoy listening to all styles of music with emphasis on what to listen for in music. This course emphasizes an historical survey of popular music of yesterday, today and tomorrow known as European and American “classical” music, and includes brief introduction to several other styles as well. This course uses film, videotape, DVD, CD presentations, and listening assignments. Attending one live concert is required. UC Credit Limitations; Humanities G120 and G120H combined—maximum credit, one course. Lecture. Optional pass/no pass grade. UC Credit Limitations: Humanities G120 and G120H combined—maximum credit, one course. Transferable to CSU; UC.

HUMANITIES G120 HONORS - 3 Units
History and Appreciation of Music, Honors
(Same as: Music G101 Honors)
As in the regular course, Honors students will examine elements of musical style (rhythm, melody, dynamics, texture, form, timbre), deepening the experience by considering culturally bound and intercultural musical features within the context of Western “classical” music, plus the interactions between Western and non-Western musics. However, our list of reading, listening and viewing assignments will feature a broader selection than those offered in the usual Music G101/HumG120 bibliography, discography and videography. The course will also intensify the focus on research, evaluation of personal taste and critical “active” listening. Attendance at and review of three professional performances required. UC Credit Limitations: Humanities G120 and G120H combined—maximum credit, one course. Lecture. Optional pass/no pass grade. UC Credit Limitations: Humanities G120 and G120H combined—maximum credit, one course. Transferable to CSU; UC.

HUMANITIES G122 - 3 Units
History and Literature of Music
(Same as: Music G165)
A survey of western art music from approximately 1700 to the present. Formal analysis and examination of the musical styles of music from the Baroque, Classic, Romantic and Modern eras, with listening examples of typical masterworks from each. A course for music majors and minors who come to the course with previous formal music study, or considerable informal listening and concert attendance. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.
HUMANITIES G126 - 3 Units
Music In Motion Pictures
(Same as: Music G126)
This course is an introduction to the use of music in motion pictures in terms of dramatic purposes and musical style. Emphasis is on how music reinforces the emotional impact, plot delineation, dramatic pacing and mood evocation in the film. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HUMANITIES G130 - 3 Units
Introduction to History and Literature of the Theater
(Same as: Theater Arts G101)
This course involves the general nature of dramatic presentation including elements of dramatic structure, types of drama, and the contributions of the playwright, actor, director, designer, technician and audience. The course includes an introduction to the important eras in theater history and a study of several well-known plays. The student is required also to view at least two college productions. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HUMANITIES G132 - 3 Units
Introduction to the Theater
(Same as: Theater Arts G100)
A course designed to introduce students to all aspects of theater. This course examines theater history, acting, directing and the technical elements of scenery, lighting, sound, costume and make-up. Lecture, demonstration, and classroom participation will be utilized. Students are required to see college produced plays. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HUMANITIES G135 - 3 Units
History and Appreciation of the Cinema
(Same as: Theater Arts G102)
This course is designed for students who want to develop an appreciation for and obtain a perspective on the cinema, including its historical, artistic, cultural and myth-making aspects. Topics will include film genres, filmmaking techniques (e.g. what does a director do? What is editing?), film language, narrative devices, themes, film theory and criticism, film studios and the star system, relationship between film and literature, and other subjects. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HUMANITIES G139 - 3 Units
History of Rock Music
(Formerly known as: Humanities G145)
(Same as: Music G139)
This course is an in depth study of rock music; emphasis includes rock roots, blues/R & B, Elvis & early rock. Also Beatles and 60’s rock, metal, “New Wave,” punk, alternative, rap, 90’s “grunge,” industrial, techno and other musical styles and social topics. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

HUMANITIES G143 - 3 Units
History of Jazz
(Formerly known as: Humanities G140 Jazz: A History and Appreciation)
(Same as: Music G143)
This course is a survey of jazz, a uniquely American art form. The class traces the history and development of jazz, from its musical predecessors and beginnings to contemporary styles. Audio recordings introduce the student to the techniques, styles, and performers of jazz. Three hours lecture a week. Optional credit/no credit or grade. Transfer credit: CSU; UC. Lecture. Optional pass/no pass grade. Three hours lecture, one and one-half hours listening in Multi-Media Center a week. Transferable to CSU; UC.

HUMANITIES G190 HONORS - 3 Units
Honors Seminar
Advisories: English G099
This team-taught, multi-disciplinary class sharpens students’ ability to think critically, to evaluate arguments and detect fallacies. Discussing major issues, students compare disciplines ranging from art to science, learning how method affects meaning. Through inquiry and service learning, students become stronger thinkers, handling academic and personal issues with growing critical acumen. Lecture. Letter grade only. Transferable to CSU.

INTERPRETING

INTERPRETING G100 - 3 Units
Introduction to Sign Language Interpreting
Advisories: Basic knowledge of American Sign Language
This course is designed to provide students with the historical and theoretical knowledge of the interpreting profession. Topics include: The history of interpreting, roles and responsibilities of an interpreter, the Code of Ethics, relevant organizations, interpreter skills and competencies, overview of various settings, terminology, the interaction of American Deaf and Hearing Cultures, business practices and systems of evaluation and certification. Lecture. Optional pass/no pass grade. Transferable to CSU.

INTERPRETING G150 - 3 Units
Beginning Voice to Sign
Advisories: Sign G280
This course reviews the principles, concepts and theories of interpreting and introduces the processes, skills and techniques of interpreting from English to American Sign Language. Both consecutive and simultaneous interpreting are explored. The student will begin the development of skills required to accurately interpret a signed message into sign language. Lecture. Letter grade only. Transferable to CSU.

INTERPRETING G155 - 3 Units
Beginning Sign to Voice
(Formerly known as: Basic Sign to Voice)
Advisories: Interpreting G130
This course enhances the processes, skills and techniques of interpreting from American Sign Language to English. The student will continue to develop skills required to accurately interpret a spoken message into sign language. The concepts of transliterating and interpreting will be reviewed and expanded. Practice will provide the student with the skills necessary to match the interpreting process to the needs of the deaf consumer. Lecture. Letter grade only. Transferable to CSU.

INTERPRETING G160 - 3 Units
Advanced Sign to Voice
Advisories: Interpreting G155
This is a course in advanced processes, skills and techniques of interpreting from American Sign Language into oral English. Both consecutive and simultaneous methods of interpreting will be enhanced. Lecture. Letter grade only. Transferable to CSU.
INTERPRETING G170 - 3 Units
Interpreting In Educational Settings
Advisories: Sign G285, Interpreting G135, Interpreting G155
This course emphasizes the role and responsibilities of an interpreter in educational settings including elementary, secondary and post-secondary. Processes of interpreting are examined and implemented in an effort to prepare educational interpreters to be qualified, certified and to satisfy the California state mandates for educational interpreters. Lecture. Optional pass/no pass grade. Transferable to CSU.

INTERPRETING G190 - 3 Units
Specialized Interpreting Situations
Advisories: Interpreting G130 or G155
This course examines the role and responsibilities of an interpreter in varied interpreting settings. The practical aspects of interpreting will examined and implemented in an effort to prepare students to work in a wide variety of situations and settings. Students will be given opportunities to explore medical, educational, legal and religious, and theatrical settings. This course may be taken 3 times. Lecture. Letter grade only. Transferable to CSU. Offered spring semester only.

JOURNALISM

JOURNALISM G180 - 3 Units
Introduction to Mass Communications
(Formerly known as: Journalism G160/Humanities G160)
Study and analysis of the skills, techniques and standards involved in communicating information through the mass media; application of this knowledge to a study of the media (especially newspapers, magazines, radio, TV). Lecture. Optional pass/no pass grade. Transferable to CSU, UC.

JOURNALISM G185 - 3 Units
Writing for News Media
(Formerly known as: BVP G111)
Students will develop the skills which are needed to organize and write stories for print and broadcast media, including newspapers, radio, television and magazines. This includes extensive exercises in writing, interviewing and other skills, including working with sound and pictures recorded in the field. Students will also develop a knowledge of the ethics and law of print and broadcast news. Lecture. Optional pass/no pass grade. Transferable to CSU.

JOURNALISM G284 - 3 Units
Newspaper Production
(Same as: Journ G284)
Class members will help produce The Western Sun. All class members required to attend regular staff meetings. May not be taken concurrently with Journalism G285. This course may be taken 4 times. Newspaper Production courses Journ G284 and G285 may be taken for a maximum of four semesters serially or in combination. Lecture & lab. Optional pass/no pass grade. Newspaper Production courses may not be taken more than four semesters. Therefore, the following courses may not be taken more than four semesters serially or in combination: Journalism G284 and G285. Transferable to CSU.

JOURNALISM G285 - 3 Units
Newspaper Production
(Same as: Journ G284)
Class members will produce The Western Sun. All class members are required to attend regular staff meetings. Editors, in addition, attend editorial meetings and proofread on day prior to publication. This course may be taken 4 times. Newspaper Production courses may be taken for a maximum of four semesters. Therefore, the following courses may not be taken more than four semesters serially or in combination: Journalism G284 & G285. Lecture & lab. Optional pass/no pass grade. Newspaper Production courses may be taken for a maximum of four semesters. Therefore, the following courses may not be taken more than four semesters serially or in combination: Journalism G284 & G285. Transferable to CSU.

JOURNALISM G286 - 1 Unit
Western Sun Editorial Board
Prerequisites: Assignment as The Western Sun editor or business manager
Corequisites: Journalism G285
Editorial board members will be responsible for directing production of The Western Sun. This course may be taken 4 times. Class open to those students accepting editorial positions or special assignments on The Western Sun. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

LEARNING

LEARNING G005 - 2 Units
How to Survive in College
Designed to orient new students to Golden West College, its services, and the unique features of its learning systems. Also provides students an overview of learning skills needed to succeed in college and ways to acquire them. The units earned for this course may not be applied toward the 60 units required for graduation. Lecture. Pass/no pass only. The units earned for this course may not be applied toward the 60 units required for graduation. A twelve-week course. Not transferable, not degree applicable.

LEARNING SKILLS

LEARNING SKILLS G921 - 0 Units
Supervised Tutorial Services Attendance
This course provides tutorial assistance to students requesting educational support to increase student success. Permission to register will be given at the Tutorial and Learning Center. Lab. No credit. May be repeated as necessary. Hours by arrangement. Open entry/open exit. Not transferable, not degree applicable.

LEARNING SKILLS G922 - 0 Units
Student Computer Lab Attendance
This course provides current Golden West College students an open computer laboratory offering high-speed Internet access, personal e-mail accounts, color printing, scanning, Microsoft Office, and other heavily used and appropriate software to increase the probability of success in their coursework. Students must currently be earning units at Golden West College to enroll in this class. Open entry/open exit. Lab. No credit. May be repeated as necessary. Hours by arrangement. Open entry/open exit. Not transferable, not degree applicable.
LEARNING SKILLS G927 - 0 Units
High Tech Center/ACE Lab
This course is designed to provide students with opportunities to use necessary adaptive technology. The adaptive technology allows students to enhance their success in various college settings. Registration is available only through the Accessibility Center for Education (ACE) Office. Open entry/open exit. May be repeated as necessary. Hours by arrangement. Lab. No credit. May be repeated as necessary. Hours by arrangement. Open entry/open exit. Not transferable, not degree applicable.

LEARNING SKILLS G928 - 0 Units
Special Accommodations
This course is designed to provide students with opportunities to use necessary adaptive technology for testing and assessment. The center provides an inclusive environment to help students realize their academic potential. In accordance with the Americans with Disabilities Act and Title 5 of the California Code of Regulations, this facility provides accommodations such as, but not limited to: additional timing, specialized equipment, and readers. The center provides equal access to students to enhance academic success. Registration is available only through the Accessibility Center for Education (ACE) Office. Open entry/open exit. No credit. Open entry/open exit. Not transferable, not degree applicable.

LIBRARY

LIBRARY G110 - 1 Unit
Information Competency and Library Research
(Formerly known as: Introduction to Library Resources)
This librarian-guided instruction course uses a workbook to introduce students to a variety of print and electronic information resources necessary for college level research. Students will demonstrate their skills development with weekly assignments using and evaluating library resources and materials. Lecture. Pass/no pass only. Transferable to CSU.

LIBRARY G120 - 1 Unit
Libraries and the Internet
This course introduces students to college level, online research, including how to locate, use, and evaluate information from the Internet. This course provides librarian guided study with student skills demonstration using library college research resources such as the GWC Library online databases and Internet resources such as online directories, virtual libraries, and search engines. Lecture. Optional pass/no pass grade. An eight-week course. Transferable to CSU; UC.

LIBRARY G125 - 1 Unit
Internet Research, Advanced
This course focuses on college level complex online research and information literacy. The emphasis is on search strategies, evaluation of sources, searching, and copyright issues culminating in a final project or exam. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

MANAGEMENT

MANAGEMENT G110 - 3 Units
Elements of Management
Emphasis will be placed on the traditional, behavioral, situational and contingency approaches to management. Includes an in-depth study of the role of the manager in planning, organizing, influencing and evaluating as it applies to the private and public sectors. Lecture. Optional pass/no pass grade. Transferable to CSU.

MANAGEMENT G111 - 3 Units
Human Resources Management
Employment, wages and salary, and labor relations are explored from the viewpoint of employees and first-line supervision. Practical handling of a variety of typical personnel problems encountered in business and industry are simulated through the use of role playing. An objective of this course is to provide an unbiased consideration of labor and management problems in industry and to show the need for cooperation. Lecture. Letter grade only. Transferable to CSU.

MANAGEMENT G115 - 3 Units
Behavioral Management
Emphasis will be placed on the application of behavioral science approach to management and employer/employee relationships. Various psychological principles which affect employee motivation and productivity will be explored in depth. Also included will be experiential exercises and role-playing. Lecture. Optional pass/no pass grade. Transferable to CSU.

MANAGEMENT G118 - 3 Units
Organizational Leadership
This course presents a comprehensive survey of the theories and research on leadership and managerial effectiveness in formal organizations with practical suggestions for improving leadership skills. Lecture. Optional pass/no pass grade. Transferable to CSU.

MANAGEMENT G130 - 3 Units
Team Building and Group Dynamics
This course integrates contemporary research on groups with practical management principles. It organizes the art and science of teamwork in three primary tasks for the leader/manager: (1) Accurately assessing and improving team performance; (2) Managing the internal dynamics of teams (diversity, conflict, creativity within the team); and (3) Optimal leveraging the team within the larger organization. Lecture. Optional pass/no pass grade. Transferable to CSU.

MANAGEMENT G140 - 2 Units
Organization and Professional Values/Ethics
This course introduces students to the ethical concepts that are relevant to resolving moral issues in business, including development of reasoning and analytical skills needed to apply ethical concepts to business decisions. Identification of the moral issues involved in the management of specific problem areas in business and an examination of the social and natural environments within which moral issues in business arise are also emphasized. Lecture. Optional pass/no pass grade. A twelve-week course. Transferable to CSU.

MANAGEMENT G152 - 3 Units
Small Business Ownership and Management
This course covers the concepts and techniques related to the challenges faced by owner/managers of small firms. Content areas include location, finance, merchandise inventory, credit control, public relations, and human resources. Lecture. Letter grade only. Transferable to CSU.

MANAGEMENT G155 - 3 Units
Customer Service for the 21st Century
This course covers the skills, strategies, and techniques required in the 21st century for developing, improving, and delivering quality customer service to attract new customers, retain existing customers, and increase overall profitability within an organization. Lecture. Optional pass/no pass grade. Transferable to CSU.
MANAGEMENT G172 - 3 Units
Introduction Global Logistics and Supply Chain Management
This course provides an introduction to the role and use of logistics and supply chain management for competitive advantage as it relates to global business. Topics include an overview of market entry, infrastructure, transportation methods, trade and payment terms, contracts, risk management, insurance and packing procedures, commercial documentation and customs clearance. Lecture. Optional pass/no pass grade. Transferable to CSU.

MANAGEMENT G174 - 3 Units
U.S. Physical Distribution and Logistics
This course provides an overview of the structure and management of the physical distribution system. Major topics include logistics and supply chain management and technologies, demand management and order processing, packaging, packing and materials handling. Related topics include transportation management, distribution center management, warehouse and plant location, inventory control, procurement, international logistics and analysis of logistics systems and controls. Lecture. Optional pass/no pass grade. Transferable to CSU.

MANAGEMENT G183 - 1.5 Units
International Payments and Collections
An overview of methods of payment in international trade, including cash, open account, documentary collection and letters of credit, the role of banks and other services providers, and the Uniform customs and Practice for documentary Credits, UCP 600. Lecture. Optional pass/no pass grade. An eight-week course. Transferable to CSU.

MANAGEMENT G184 - 1 Unit
Mexico and NAFTA: A Business Perspective
An introductory course in doing business in Mexico after NAFTA. Including a country profiles, marketing products and services, Mexican business and culture, understanding NAFTA, the NAFTA Rules of Origin and import export procedures between the United States and Mexico, and NAFTA resources. Lecture. Optional pass/no pass grade. A six-week course. Transferable to CSU.

MANAGEMENT G190 - 3 Units
Import Export Procedures
An overview of contemporary import and export procedures including business start-up, negotiating, terms of sale, payments, logistics, documentation, insurance, trade agreements, regulation and the role of government agencies in international trade, and local sources and agencies. Lecture. Optional pass/no pass grade. Transferable to CSU.

MANAGEMENT G195 - 1 Unit
Regional Economic Integration
This course surveys the levels of economic integration between countries in the world including agreements between countries in a geographic region to reduce and ultimately remove tariff and non tariff barriers to the free flow of goods. Topics include services and factors of production between each other with specific focus on economic and political reasons for integration. Patterns of international cooperation and opportunities and challenges for the United States businesses in developing successful sourcing, logistics and supply chain strategies will be explored. Lecture. Optional pass/no pass grade. Transferable to CSU.

MARKETING

MARKETING G100 - 3 Units
Principles of Marketing
A survey of the functions of business activity relative to the distribution of goods and services. Studies include retail and wholesale distribution channels, market functions, policies, promotion, pricing, research, product development, and consumer behavior. Lecture. Letter grade only. Transferable to CSU.

MARKETING G135 - 3 Units
Retail Management
Studies dealing with the operations of an established retail business. Problems of merchandising (buying, pricing, stock control, credit control, public and personnel relations) are considered. Emphasis is upon solution of actual retail problems using the case method. Lecture. Letter grade only. Transferable to CSU. May not be offered each semester.

MARKETING G140 - 3 Units
E-Commerce—Selling On The Internet
This course examines electronic commerce, how it is being conducted and managed, its major opportunities, limitations, issues and risks. Electronic commerce is an interdisciplinary topic and is of importance to managers and professional in any functional area of the business world. Lecture. Optional pass/no pass grade. Transferable to CSU.

MARKETING G180 - 3 Units
Survey of International Trade
(Same as: Business G180)
A survey of global business operations, including international trade theory and practice, trade and investment, economic environments and institutions, legal and political environments, cross cultural management, marketing research, methods of market entry, physical distribution and finance. Lecture. Letter grade only. Transferable to CSU. May not be offered each semester.

MARKETING G185 - 3 Units
International Marketing
An examination of the environment and operations of global marketing, including the international marketing mix; product, pricing, placement and promotion, as well as emerging issues in international trade, such as the globalization of markets, standardization vs. adaptation and the cultural environment of business. Lecture. Optional pass/no pass grade. Transferable to CSU.

MARKETING G186 - 0.5 Units
International Marketing and the Internet
An examination of the International trade opportunities on the Internet, held in a seminar format in a computer lab, on locating and using public and private resources relating to export import, marketing, trade leads, transportation, regulation and finance, industry and country libraries, and job opportunities. Lecture. Optional pass/no pass grade. Transferable to CSU.
MATHEMATICS

MATHEMATICS G005 - 3 Units
Basic Mathematics
This course introduces the fundamental operations of arithmetic on whole numbers, fractions and decimals. Applications in percentage, ratio, proportion, and measurement will be introduced throughout the course. (Not applicable to the A.A. degree) Lecture & lab. Optional pass/no pass grade. Not transferable, not degree applicable.

MATHEMATICS G008 - 3 Units
Pre-algebra
Prerequisites: Mathematics G005 or Mathematics Placement Assessment
This course will introduce basic operations with signed numbers, exponents, fraction and mixed numbers, first degree equations, radicals, proportions, rational expressions, factorizations, percents, formulas, applied problems, the rectangular coordinate system, geometry and measurements. Lecture & lab. Optional pass/no pass grade. Not transferable, not degree applicable.

MATHEMATICS G009 - 1 Unit
Medication Calculations for Nurses
Prerequisites: Mathematics G008 or Mathematics Placement Assessment
This course presents a review of decimals, fractions and percents as utilized by medical professionals to calculate drug dosages. Dosage calculations are presented using dimensional analysis. Additional applications include conversion between the metric, apothecary and household systems, dosage calculations based upon body weight, intravenous medications, and preparation of dilutions. This course may be taken 2 times. Lecture. Optional pass/no pass grade. A six-week course. Not transferable, not degree applicable.

MATHEMATICS G010 - 4 Units
Elementary Algebra
Prerequisites: Mathematics G008 or Mathematics Placement Assessment
This course is equivalent to a first-year high school algebra course. The topics covered include properties of real numbers, simplifying polynomial, rational, and radical expressions, and solving linear, quadratic, rational, and radical equations in one variable. The rectangular coordinate system is covered including graphing linear equations in two variables and solving systems of linear equations in two variables. Applications of mathematical concepts are incorporated throughout the course. This course is taught in a combined large lecture and laboratory format. Lecture & lab. Letter grade only. Not transferable, not degree applicable.

MATHEMATICS G030 - 4 Units
Intermediate Algebra
Prerequisites: Mathematics G010 or Mathematics Placement Assessment
This course is equivalent to a second-year high school algebra course. Topics include absolute value, rational exponents, radicals, linear equations and inequalities, quadratic equations and inequalities, functional notation, linear and quadratic functions, conic sections, logarithms, exponential and logarithmic functions, linear systems in two and three variables, sequences, and series. Lecture & lab. Letter grade only.

MATHEMATICS G100 - 3 Units
Liberal Arts Mathematics
Prerequisites: Mathematics G030 or Mathematics Placement Assessment
Using and expanding upon the skills gained from intermediate algebra, this course offers the liberal arts student an applications-oriented, problem-solving exploration into a variety of mathematical fields including geometry, trigonometry, statistics, and business mathematics. This course is designed not only to meet college general education requirements but to help generate a positive attitude toward and an interest in mathematics. Lecture & lab. Letter grade only. Transferable to CSU; UC.

MATHEMATICS G103 - 3 Units
Statistics for Elementary Teachers
(Formerly known as: Elem. Teachers Math. 3-Probability & Statistics)
Prerequisites: Mathematics G030 or Mathematics Placement Assessment
This course is designed for prospective teachers. This course is an activity-based exploration of statistics aligned with the California State Mathematics Standards. Topics include data representation and analysis, randomization and sampling, measures of central tendency and variability, hypothesizing and statistical inference. UC Credit Limitations: Math G103, G104 and G106 combined—maximum credit, one course; no credit for G103 if taken after G160/G160H. Lecture & lab. Letter grade only. Transferable to CSU; UC. Offered spring semester only.

MATHEMATICS G104 - 3 Units
Mathematics for Elementary Teachers
(Formerly known as: Mathematics for Elementary Teachers 1)
Prerequisites: Mathematics G030 or Mathematics Placement Assessment
Topics include problem solving skills, structure and arithmetic of the real number system, other numeration systems, set theory, and manipulatives. This course is designed for students planning to be elementary teachers. UC Credit Limitations: Math G103, G104 and G106 combined—maximum credit, one course. Lecture & lab. Letter grade only. UC Credit Limitations: Math G103, G104 and G106 combined—maximum credit, one course. Transferable to CSU; UC.

MATHEMATICS G115 - 4 Units
College Algebra
Prerequisites: Mathematics G030 or Mathematics Placement Assessment
This course is designed for students needing to improve algebra skills necessary for success in Math G140 and Math G180. Topics include linear and quadratic functions and their graphs, polynomial and rational functions and their graphs, exponential and logarithmic functions and their graphs, conic sections, sequence and series, solving systems of equations, matrices and determinants, counting and probability. Lecture. Letter grade only. Transferable to CSU; UC.

MATHEMATICS G120 - 3 Units
Trigonometry
Prerequisites: Mathematics G030 or Mathematics Placement Assessment
This course is a study of the circular and trigonometric functions. The topics include inverses, graphs, solutions of triangles, conditional equations, identities, vectors, complex numbers, polar coordinates, parametric equations, and applications of these concepts. A scientific calculator is required. Lecture. Letter grade only. Transferable to CSU.

MATHEMATICS G140 - 4 Units
Business Calculus
(Formerly known as: Math130)
Prerequisites: Mathematics G115 or Mathematics G170 or Mathematics Placement Assessment
This course is designed for business, management, and social science who need only one semester of calculus that covers a variety of topics that usually span parts of three semesters of calculus. Topics include functions, limits and continuity, differentiation, integration, graphing, the calculus of two variables and applications of the derivative and integral. This course does not prepare a student to enter Mathematics G180 or G185. UC Credit Limitations: Math G140, G180 and G180H combined—maximum credit, one course. Lecture. Letter grade only. UC Credit Limitations: Math G140, G180 and G180H combined—maximum credit, one course. Transferable to CSU; UC.
COURSES

MATHEMATICS G155 - 4 Units
Finite Mathematics with Applications
(Formerly known as: Mathematics G150, Finite Mathematics)
Prerequisite: Mathematics G030 or Mathematics Placement Assessment
This course is designed for students majoring in business, management, social, behavioral, and life sciences. Topics include functions, linear systems, matrices, linear programming, finance, sets, counting, probability, Markov chains, and game theory. A scientific calculator will be required. Lecture. Letter grade only. Transferable to CSU; UC.

MATHEMATICS G160 - 4 Units
Introduction to Statistics
Prerequisite: Mathematics G030 or Mathematics Placement Assessment
Topics include concepts and procedures of descriptive and inferential statistics; collecting, classifying, tabulating, graphing univariate and bivariate data; measures of central tendencies, variation, percentiles, probability, binomial, normal, T, Chi-square and F distributions; making inferences, decisions and predictions. This course develops statistical thinking through the study of applications in a variety of disciplines. The use of a graphing calculator and/or statistical analysis computer programs is integrated into the course. UC Credit Limitations: Math G160 and G160H combined--maximum credit, one course. See counselor. Lecture. Letter grade only. Transferable to CSU; UC.

MATHEMATICS G170 - 5 Units
Precalculus
Prerequisite: Mathematics G120 or Mathematics Placement Assessment
This course will cover topics required for studying calculus. Particular emphasis will be placed on the analysis of polynomial, rational, exponential, logarithmic, trigonometric and inverse functions. Other topics include vectors, analytic geometry, linear systems, matrices, elementary theory of equations, polar coordinates, sequences, series, and complex numbers. This course is essential for those students planning to study Mathematics G180 (Calculus 1). UC Credit Limitations: Math G115 and G170 combined--maximum credit, one course. Math G170 (maximum credit, 4 units.) Lecture. Letter grade only. Transferable to CSU; UC.

MATHEMATICS G180 - 5 Units
Calculus 1
Prerequisites: Mathematics G170 or Mathematics Placement Assessment
This is the first course in a three-course sequence designed for mathematics, science and engineering majors. The topics covered in this course include analytic geometry, functions, limits, continuity, differentiation and integration of functions. Applications of differential and integral calculus are included throughout the curriculum. UC credit limitations. See counselor. The student should plan to complete the first three semesters of calculus at Golden West College to maintain continuity. Lecture. Letter grade only. UC credit limitations. Transferable to CSU; UC.

MATHEMATICS G185 - 5 Units
Calculus 2
Prerequisites: Mathematics G180 or Mathematics G180H
This is the second course in a three-course sequence designed for mathematics, science and engineering majors. The topics covered in this course include methods of integration, applications of the definite integral, transcendental functions, polar and parametric functions, indeterminate forms, improper integrals, convergence and divergence of sequences and series including power series, and conic sections. (The student should plan to complete the first three semesters of calculus at Golden West College to maintain continuity.) Lecture. Letter grade only. Transferable to CSU; UC.

MATHEMATICS G235 - 4 Units
Applied Linear Algebra
(Formerly known as: Math 290)
Prerequisites: Mathematics G185
Introduction to linear algebra, classical linear algebra problems, and applications to computer science and related technologies including matrices, determinants, linear spaces, linear transformations, and eigenvalues. Lecture. Letter grade only. Transferable to CSU; UC. Offered spring semester only.

MATHEMATICS G280 - 5 Units
Calculus 3
Prerequisites: Mathematics G185
This is the third course in a three-course sequence, designed for mathematics, science and engineering majors. Topics include vectors in three-dimensional space, curves and surfaces, functions of several variables, partial differentiation, the gradient, the curl, the divergence, multiple integration, Green's Theorem, Gauss' (Divergence) Theorem and Stokes' Theorem. The student should plan to complete the first three semesters of calculus at Golden West College to maintain continuity. Lecture. Letter grade only. The student should plan to complete the first three semesters of calculus at Golden West College to maintain continuity. Transferable to CSU; UC.

MATHEMATICS G282 - 4 Units
Ordinary Differential Equations
Prerequisites: Math G185
This course provides students with an introduction to the theory, techniques and applications of ordinary differential equations. The topics covered include first-order differential equations, higher-order differential equations, power series solutions, Laplace transforms, systems of differential equations and numerical methods. Lecture. Letter grade only. Transferable to CSU; UC.

MATHEMATICS G285 - 5 Units
Introduction to Linear Algebra and Differential Equations
(Formerly known as: Ordinary Differential Equations)
Prerequisites: Mathematics G185
This course is designed to introduce students to the fields of Linear Algebra and Differential Equations. Topics include matrices, determinants, vector spaces, linear systems of equations, inner product spaces, first and second order differential equations, systems of differential equations, and Laplace transforms. Lecture. Letter grade only. Transferable to CSU; UC.
MUSIC

MUSIC G025 - 1-3 Units
Rehearsal & Performance-Band Showmanship
Prerequisites: Retention is based upon successful audition.
This is an enrichment course designed to enhance musical performance and showmanship. This course may be taken 4 times. Lab. Pass/no pass only.

MUSIC G026 - 1-3 Units
Survey of Contemporary Band Literature
Prerequisites: Retention is based upon successful audition.
This course will instruct students in music sight reading techniques, the music notation counting system, and develop the student's music reading skills. Students will be able to apply these techniques to contemporary band music. This course may be taken 4 times. Lab. Optional pass/no pass grade.

MUSIC G058 - 3 Units
Basic Live Sound Reinforcement
Designed for Live Sound majors, Recording Arts majors, and Technical Theatre majors. The course includes an introduction to basic sound reinforcement design and operations used in the sound reinforcement industry. Emphasis will be placed on practical knowledge and techniques in operating sound equipment on all levels. Lecture. Optional pass/no pass grade.

MUSIC G059 - 3 Units
Studio Maintenance and Repair
Advisories: Music G054
This course in Studio Maintenance and Repair is designed to provide the student with a thorough and intensive course in the techniques of maintaining and repairing the equipment found in the modern recording studio. Each student will develop a consistent and intensive regimen for maintenance and "trouble shooting." Extensive "hands-on" experience. This course may be taken 2 times. Lecture & lab. Letter grade only.

MUSIC G060 - 3 Units
Singing Solo Pop Songs
This class is aimed toward solo performances and historical studies of the American popular song. The student will perform selected songs with accompaniment in class and in front of live audiences. Emphasis will be placed on correct interpretation of the songs, utilization of microphones, and a strong nucleus of the best in popular song literature. This course may be taken 4 times. Lecture. Optional pass/no pass grade.

MUSIC G064 - 3 Units
Commercial Song Writing I
This course is intended to give the student an opportunity to evaluate many types and styles of popular music by its outstanding practitioners (including Bob Dylan, Paul Simon, Stevie Wonder, Lennon and McCartney, Elton John, Jackson Browne and Randy Newman), and to compose lyrics and music in various song forms that will help them be competitive in today's musical market place. Selected student's compositions may be performed and recorded by members of the commercial program. This course may be taken 2 times. Lecture. Optional pass/no pass grade.

MUSIC G065 - 2 Units
Commercial Song Writing II
This course is designed for the advanced songwriter and encompasses copyright, studio demos, radio playlists, the song markets and source materials available to today's composer. Each songwriter will experience all aspects of the art from creation and evaluation through final polishing, demo tapes and publication. Lecture & lab. Optional pass/no pass grade. May not be offered each semester.

MUSIC G066 - 3 Units
Commercial Musicianship
This one-semester course is designed to bring each commercial performance or arranging student to a minimum level of competency in the harmonic and formal structure of modern commercial music. Topic studies will include triads and added tones, basic chord voicing, melodic construction, the keyboard as a writing tool, planning an arrangement, simple song forms, copying, ear training and simple dictation. Lecture. Optional pass/no pass grade.

MUSIC G068 - 4 Units
Commercial Arranging & Orchestration I
Advisories: Music G066
This course of study is designed to allow the student to use his or her basic knowledge of music of in a progressive series of study units to build competency in knowledge of ranges and transposition for instruments; writing for voices; planning an arrangement; standard copying techniques; basic chord voicings; writing for small combos; writing for large jazz bands; writing for strings; and projects to be agreed upon by student and instructor. Electronic synthesizers will be used to assist students in arrangement planning. Lecture. Optional pass/no pass grade.

MUSIC G070 - 3 Units
Advanced Live Sound Reinforcement
Advisories: Music G058
This course is designed to study the advanced practices used in the sound reinforcement industry. Emphasis will be placed on sound system design, set-up and operation. Students will have experience setting up and operating small to large sound systems, acoustical analyzers, design software, digital mixers and processors. Lecture & lab. Optional pass/no pass grade.

MUSIC G072 - 2 Units
Improvisation Workshop
Of utmost importance to all performance and arranging students is the ability to create melodic and harmonic ideas mentally, and to translate these ideas into written or played material. Traditional and modern scales, as well as primary and expanded chords, will be used as a basis for creative experimentation. The student will improvise on his/her major instrument. The arranging student will create material at the keyboard. Extensive listening assignments will be an important part of each student's experiences. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade.

MUSIC G095 - 3 Units
Managing Your Career in Music
This course is designed for the commercial music major. Personal and business finance, aspects of the law, credit, management and marketing techniques directly and indirectly related to the commercial music industry will be presented and discussed. Lecture. Letter grade only.

MUSIC G101 - 3 Units
History & Appreciation of Music
(Same as: Humanities G120)
This course is designed to help students enjoy listening to all styles of music with emphasis on what to listen for in music. This course emphasizes an historical survey of popular music of yesterday, today and tomorrow known as European and American "classical" music, and includes brief introduction to several other styles as well. This course uses film, videotape, DVD, CD presentations, and listening assignments. Attending one live concert is required. UC Credit Limitations: Music G101 and G101H combined—maximum credit, one course. Lecture. Optional pass/no pass grade. UC Credit Limitations: Music G101 and G101H combined—maximum credit, one course. Transferable to CSU; UC.
### COURSES

**MUSIC G101 HONORS - 3 Units**
**History & Appreciation of Music, Honors**  
(Same as: Humanities G120 Honors)  
As in the regular course, Honors students will examine elements of musical style (rhythm, melody, dynamics, texture, form, timbre), deepening the experience by considering culturally bound and intercultural musical features within the context of Western “classical” music, plus the interactions between Western and non-Western musics. However, our list of reading, listening and viewing assignments will feature a broader selection than those offered in the usual Music G101/HumG120 bibliography, discography and videography. The course will also intensify the focus on research, evaluation of personal taste and critical “active” listening. Attendance at and review of three professional performances required. UC Credit Limitations: Music G101 and G101H combined--maximum credit, one course. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

**MUSIC G103 - 3 Units**
**World Music**  
(Same as: Humanities G103)  
This course is a survey of music of selected cultures outside the tradition of Western art music. Divided into three general categories, the course examines folk music, tribal music, and art structures. Audio recordings and filmed examples introduce the student to instrumental and vocal techniques, musical structures, and performance contexts. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

**MUSIC G104 - 3 Units**
**History & Appreciation of Opera**  
(Same as: Humanities G104)  
This course is a guide to attending and understanding performances of opera and related forms. It examines the history of opera, from its inception in Florence and Milan, Italy, during the transition from the Renaissance to the Baroque eras around 1600 up to modern times. In addition, the course reviews the precursors of opera, the cultural currents that led to the invention of opera, and musical genres related to or descended from opera, such as: operetta, musical theatre, oratorio and cantata. Written review of three live performances is required. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

**MUSIC G105 - 1 Unit**
**Beginning Guitar I**  
This course is designed for non-Music majors who have an interest in learning to play the guitar correctly. Students must furnish their own guitars. This course may be taken 2 times. Lecture. Optional pass/no pass grade. An eight-week course offered twice each semester. Transferable to CSU; UC.

**MUSIC G106 - 1 Unit**
**Beginning Guitar II**  
Advisories: Music G105  
This course is a continuation of Music 105AB. Concentration on chords and correct finger-picking. Traditional and folk tunes will be studied and performed. Students must furnish their own guitars. This course may be taken 2 times. Lecture. Optional pass/no pass grade. An eight-week course offered twice each semester. Transferable to CSU; UC.

**MUSIC G108 - 3 Units**
**History & Appreciation of the Musical Theater**  
(Same as: Humanities G108, Theater Arts G108)  
A course in all of the elements which make the Musical Theater one of the premier art forms of the 20th Century. The student will explore the history of the form as well as examine the roles of composer, book writer, lyricist, performer, and others relative to writing and mounting a production. Videos and live performances will be utilized to enhance the learners knowledge of the medium. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

**MUSIC G109 - 1 Unit**
**Symphonic Band**  
Prerequisites: Retention based upon successful audition.  
The Symphonic Band is a performance ensemble that studies, rehearses, and performs the music of the standard band repertoire. Members of the ensemble are expected to possess a basic mastery of the playing skills of their chosen instrument as well as the fundamentals of musicianship. The ensemble performs frequently. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

**MUSIC G110 - 2 Units**
**Golden West Symphonic Band**  
Prerequisites: Retention based upon successful audition.  
The primary performing band representing the college in the community. Emphasis on study and performance of music from standard band repertory. Performances on campus and away include concerts, outdoor activities and athletic events. A band tour may be planned for spring semester. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

**MUSIC G112 - 2 Units**
**Sight Singing**  
This course is designed to introduce and develop strong fundamental competencies in the singing of simple and complex rhythms, melodies. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

**MUSIC G115 - 3 Units**
**Basic Music**  
Advisories: Concurrent enrollment in Music G141 - G142 recommended.  
This is the first course in music theory, and required for all music majors. (This requirement may be waived for students passing the qualifying examination in basic music given in the first week of each semester.) Introduction to the materials of music pitch, rhythm, scales, intervals, triads, etc. and their notation. Development of skills in reading music and in aural perception. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

**MUSIC G116 - 5 Units**
**Theory I (Diatonic)**  
Advisories: Music G115  
This course presents the basic techniques and materials, principles and practice of diatonic harmony, integrated with musicianship; compositional techniques, four-part harmony, figured bass, primary-secondary triads, non-harmonic tones; introduction to modulation; analysis of selected forms and compositional devices, integrated with sight singing and ear training; and melodic, harmonic, and rhythmic dictation. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.
MUSIC G120 - 1 Unit
Masters Chorale
Prerequisites: Retention based upon successful audition.
A large chorus which performs suitable music from all historical periods. Participation in concerts on campus, field trips, occasional brief section rehearsals and overnight tour in spring semester also required. Schedule of work outside class announced at the beginning of each semester. Each student will provide his own standard performance dress. This course may be taken 4 times. Lab. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G121 - 1 Unit
College Choir
Prerequisites: Retention based upon successful audition.
A large choral group singing music in all styles. Open to beginning through advanced singers with an emphasis in the development of vocal technique and music reading. This course may be taken 4 times. Lab. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G122 - 1 Unit
Chamber Choir
Prerequisites: Retention based upon successful audition.
A select vocal ensemble which performs suitable music from all historical periods. Extensive participation in concerts on campus, field trips. Occasional brief section rehearsals. Schedule of performances announced at the beginning of each semester. Each student must provide his own standard performance dress (except tuxedo). Financial aid available for qualified students who cannot provide their own required items of clothing. This course may be taken 4 times. Lab. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G124 - 1 Unit
Madrigals
Prerequisites: Retention based upon successful audition.
A select vocal/instrumental ensemble which performs suitable music from before 1750. Extensive participation in concerts on campus, field trips. Schedule of performances announced at the beginning of each semester. Each student must provide his own standard performance dress. Financial aid available for qualified students who cannot provide their own required items of clothing. This course may be taken 4 times. Lab. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G125 - 1 Unit
Chamber Ensemble
Prerequisites: Retention based upon successful audition.
A course in the study and performance of chamber ensemble music with emphasis on development of basic skills of ensemble playing. Phrasing, tone and interpretation will be stressed. This course may be taken 4 times. Lab. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G126 - 3 Units
Music in Motion Pictures
(Same as: Humanities G126)
This course is an introduction to the use of music in motion pictures in terms of dramatic purposes and musical style. Emphasis is on how music reinforces the emotional impact, plot delineation, dramatic pacing and mood evocation in the film. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G132 - 2 Units
Jazz Ensemble Skills
Study and performance of jazz and commercial music with emphasis on development of basic skills of ensemble playing. Phrasing, tone and improvisation will be stressed. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G134 - 2 Units
Recording Jazz Ensemble
Study and performance of jazz and commercial music with special emphasis on jazz phrasing and tone, ensemble methods and improvisations, off-campus activities and three- or four-day tour. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

MUSIC G139 - 3 Units
History of Rock Music
(Formerly known as: Music G185)
(Same as: Humanities G139)
This course is an in depth study of rock music; emphasis includes rock roots, blues/R & B, Elvis & early rock. Also Beatles and 60's rock, metal, "New Wave," punk, alternative, rap, 90's "grunge," industrial, techno and other musical styles and social topics. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G141 - 1 Unit
Piano 1
(Formerly known as: Beginning Piano 1)
Piano instruction for those with no previous keyboard experience or no previous formal music instruction of any sort. Sight reading, playing by ear, keyboard harmony, scales and keyboard technique. One hour of practice daily is assumed. This course may be taken 2 times. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G142 - 1 Unit
Beginning Piano II
Advisories: Music G141 or equivalent
Continuation of Music G141. Reading music, piano keyboard harmony and scales in major keys. Regular daily practice is essential for success in this course. This course may be taken 2 times. Lecture. Optional pass/no pass grade. An eight-week course. Transferable to CSU; UC.

MUSIC G143 - 3 Units
History of Jazz
(Formerly known as: Music G136 Jazz: A History and Appreciation)
(Same as: Humanities G143)
This course is a survey of jazz, a uniquely American art form. The class traces the history and development of jazz, from its musical predecessors and beginnings to contemporary styles. Audio recordings introduce the student to the techniques, styles, and performers of jazz. Three hours lecture a week. Optional credit/no credit or grade. Transfer credit: CSU; UC. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.
MUSIC G145 - 2 Units
Basic Voice
Advisories: Concurrent enrollment in Music G115, G121, or G141 - G142 recommended for those who do not read music.
This course is for beginning singers. It prepares beginning singers’ voices for solo and group singing by improving breathing, vocal tone, range, agility, volume, diction, health, expression and self-confidence. Students will sing songs from musical theatre, film, folk, popular and classical repertoire, in English and students’ first languages, memorized from printed music. One hour daily practice and attendance at one approved recital is required. A pianist accompanies classes. This course may be taken 2 times. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G146 - 2 Units
Intermediate Voice
(Formerly known as: Music146AB)
Advisories: Music G145. Concurrent enrollment in Music G115, G121, or G141 or G142 recommended for those who do not read music.
This course is a continuation of Music G145 for singers with two years of choral experience or one semester of private lessons or voice class. It prepares for solo and group singing by improving breathing, vocal tone, range agility, volume, diction, health, expression and self-confidence at the second semester level. Sing songs from musical theatre, film, folk, popular, and classical repertoire, in English, Italian and students first languages, memorized from printed music. One hour daily practice and attendance at one approved voice recital required. A pianist accompanies classes. This course may be taken 2 times. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G147 - 2 Units
Advanced Voice
Advisories: Music G146. Concurrent enrollment in Music G115, G121, or G141 - G142 is recommended for students who do not read music.
This course is the third and fourth semester continuation of Music G146 for singers with two semesters of private lessons or voice class. It prepares for solo and group singing by improving breathing, vocal tone, range, agility, volume, diction, health, expression and self-confidence. Students sing songs from musical theatre, opera, film, folk, popular and classical repertoire, in English, Italian, German, French, and students' first languages, memorized from printed music. One hour daily practice and attendance at one approved voice recital required. A pianist accompanies classes. This course may be taken 2 times. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G150 - 2 Units
Broadway and Opera Singing
(Same as: Theatre G146)
Advisories: Music G060 or G121 or G145. Concurrent enrollment in Music G115, G121 , or G141 - G142 recommended for those who do not read music.
This course is a voice class for singers, actors and dancers with previous training. It prepares for solo and ensemble singing by improving breathing, vocal tone, range, agility, volume, diction, health, expression and self-confidence. Students sing songs and arias from musical theater and/or opera, memorized from printed music. One hour daily practice and a written review of an approved musical or opera production are required. A pianist accompanies the classes. This course may be taken 2 times. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G158 - 2 Units
Studio Singing
Prerequisites: Retention in class is dependent upon a successful audition. The student will be expected to demonstrate fundamental music reading skills and an ability to sing jazz harmonies and rhythms accurately.
This is a course in studio singing and is designed for the vocal musician who wishes to learn the many styles and disciplines of the recording vocalist. Upon passing the audition, each student will be recorded on tape and perform live, as a soloist and in groups. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

MUSIC G165 - 3 Units
History & Literature of Music
(Same as: Humanities G122)
A survey of Western Art Music from approximately 1700 to the present. Formal analysis and examination of the musical styles of music from the Baroque, Classic, Romantic and Modern eras, with listening examples of typical masterworks from each. A course for music majors and minors who come to the course with previous formal music study, or considerable informal listening and concert attendance. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

MUSIC G170 - 2 Units
Synthesizer Projects
A continuation of Music G170. Extensive use of the synthesizer laboratory to create recorded projects. Class size will be limited to allow individual experience within the laboratory. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

MUSIC G209 - 2 Units
Symphonic Band, Advanced Skills
Advisories: Music G109
This course is for students who perform at an advanced level on a standard band instrument. Students in this course are expected to develop sophisticated skills beyond standard participation in the Symphonic Band. Performance of solos, the development of score reading abilities, student composition and/or arranging and conducting/leadership roles within the performance ensemble will be explored. Brass, Percussion, and Woodwind sectional rehearsal techniques will be developed. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G210 - 2 Units
Musical Theater Workshop
(Same as: Theatre Arts G210)
This course requires participation in musical theater presentations such as musical comedy, musical drama, musical revues, opera or opera at Golden West College. It will include study in acting, singing, dancing, musicianship, scenery, lighting, sound, costume and make-up. This course may be taken four times. Lab. Optional pass/no pass grade. Transferable to CSU; UC.
MUSIC G216 - 5 Units
Theory II (Chromatic)
Advisories: Music G116
A continuation of Music G116. Introduction to chromatic harmony; principles of modulation; secondary dominants; altered chords; augmented sixth chords. Analysis of selected forms and compositional devices, scoring for instruments, integrated with sight singing and ear training (melodic, harmonic and rhythmic dictation and some keyboard application.) Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G241 - 2 Units
Intermediate Piano I
Second semester of piano study. Reading music at the keyboard. Sight reading. Playing by ear. Chromatic keyboard harmony in more advanced forms. Regular daily practice is essential for success in this course. This course may be taken 2 times. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G242 - 2 Units
Intermediate Piano II
Advisories: Music G241 or equivalent
Continuation of Music G241. Third semester of class piano keyboard instruction. This course may be taken 2 times. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

MUSIC G290 - 1-2 Units
Applied Music
Advisories: Placement by audition.
This course is designed to be for the student seeking individual instruction on piano, voice, guitar, or any standard band or orchestra instrument. A performance at Faculty Juries and Concert Hour is required for each semester. Vocal and instrumental students concurrently enroll in choir or band; pianist and guitarists should consult with faculty for an appropriate concurrent course. There are nine group meetings and fifteen private lessons per semester, with level of proficiency determined by faculty adjudication. This course may be taken 4 times. Lecture & lab. Letter grade only. Transferable to CSU; UC.

NURSING

NURSING G009 - 2 Units
Introduction to Nursing
This course is designed to assist nursing students to develop the survival skills essential for success in the educational setting and the clinical environment. Emphasis is on: nursing process, learning style, specific study skills, medical terminology, and nursing responsibilities. Lecture. Pass/no pass only.

NURSING G070 - 1 Unit
Beginning Arrhythmia and Electrocardiograms (EKG) Interpretation
This course focuses on providing the learner with a basic knowledge of the interpretation of cardiac dysrhythmia and 12 lead electrocardiograms. The material focuses on the essential information needed to interpret basic dysrhythmia, define causes and analyze appropriate treatments. Rhythm strips and electrocardiograms are presented for practice in gaining the necessary skills to interpret dysrhythmia, myocardial infarctions, and other abnormalities. Lecture. Letter grade only.

NURSING G100 - 10 Units
Nursing Process I
Prerequisites: Acceptance into the Nursing Program. Pre-entrance physical examination. Completion of Biology G220,G225, G210, and English G100
This course is designed to assist the Licensed Vocational Nurse to bridge the gaps in theoretical and clinical knowledge and skills to enable them to join the third semester of the registered nurse program. Lecture & lab. Letter grade only. Transferable to CSU.

NURSING G150 - 10 Units
Nursing Process II
Prerequisites: Nursing G100 or the equivalent; Biology G200 and Communication Studies G108 or G110 or G112
This course focuses on ethical nursing management of adult clients with acute illness, maternal/newborn clients, and womenís health clients while using the nursing process as a framework. The emphasis will be on providing nursing assessment and management to adult clients with acute medical-surgical health issues and to maternal-newborn-womens health clients. The course builds on previously acquired knowledge in nursing leadership and community health nursing roles. Clinical hours are provided to allow students the opportunity to apply theory to practice. Emphasis is placed on clinical reasoning, application of the nursing process, and the use of evidence-based practice to provide comprehensive client care. Lecture & lab. Letter grade only. Transferable to CSU.

NURSING G190 - 4 Units
Transition to Registered Nursing
Prerequisites: California Vocational Nurse License, completion of Biology G220, G225, G200 and Psychology G118, English G100, Communication Studies G108, G110 or G112. Permission required.
This course is designed to assist the Licensed Vocational Nurse to bridge the gaps in theoretical and clinical knowledge and skills to enable them to join the third semester of the registered nurse program. Lecture & lab. Letter grade only. Transferable to CSU.

NURSING G200 - 10 Units
Nursing Process III
Prerequisites: Psychology G118 and Nursing G150 or Nursing G190
This course focuses on theory and application of nursing practice in two major clinical areas: mental health issues and chronic illness in older adults. Nursing theory presented will correlate with specific chronic medical and psychiatric conditions associated with these two major areas. Clinical hours are required to apply theory to practice. In a supervised setting, the student is expected to formulate nursing diagnoses for existing and potential problems, establishing short-term and long-term nursing care goals, intervene appropriately and evaluate the care given to clients with complex problems. Clinical application for chronic illness nursing care may be with clients in senior centers, adult day services, inpatient dementia care units, mental health and medical-surgical hospitals. Lecture & lab. Letter grade only. Transferable to CSU.

NURSING G205 - 2 Units
Nursing Practicum
Prerequisites: Nursing G150 or G200
Designed to provide the advanced nursing student with a practicum cooperatively planned by an employing agency and the nursing faculty. Focus is on providing practical experience in a realistic work setting in a concentrated period of time; and classroom discussion of issues directly related to the practicum in an acute hospital setting. This course may be taken 2 times. Lecture & lab. Pass/no pass only. A four week course. Transferable to CSU.
NURSING G210 - 4 Units
Nursing Practicum
Prerequisites: Nursing G150 and upon approval of affiliating agency
Designed to provide the advanced nursing student with a paid practicum cooperatively
planned by an employing agency and the nursing faculty. Focus is on providing practical
experience in a realistic working setting in a very concentrated period of time; and a
classroom discussion of issues directly related to the practicum in an acute hospital
setting. This course may be taken 2 times. Lecture & lab. Pass/no pass only. A five-week
course. Transferable to CSU.

NURSING G220 - 3 Units
Advanced Physical Assessment for Nursing
Prerequisites: Completion of Nursing G100, or first semester of a registered nursing program,
or Registered Nurse Licensure.
This course examines the theory and practice of physical assessment required in the
practice of registered nursing, emphasizing the analysis and synthesis of subjective and
objective data collected to identify health problems. The health assessment process is
explored in the context of health promotion, risk factor identification and recognition
of common abnormalities of the child and adult throughout the life continuum. Lecture.
Optional pass/no pass grade. Transferable to CSU.

NURSING G250 - 9 Units
Nursing Process IV
Prerequisites: Nursing G200 and Sociology G100
This course focuses on the student’s role transition for entry into practice, and includes
concepts of critical care, advanced pediatric nursing, advanced medical/surgical nurs-
ing, and registered nurse (RN) leadership/management role. Emphasis is on the applica-
tion of the nursing process through use of the Roy Adaptation Model and the client’s
coping response to complex health problems. Students are expected to develop the
ability to make independent nursing judgments and decisions. In addition, this course
includes a preceptorship that eases the transition from student to RN practice. Lecture
& lab. Letter grade only. Transferable to CSU.

NURSING G260 - 1.5 Units
Nursing Issues
Prerequisites: Nurs G200
This course focuses on the emergence of nursing students into the professional setting.
Content includes the history of nursing, professional and legal responsibilities, career
preparation, graduation and licensing requirements, current trends affecting practice
and successful job search practices. Provides the nursing student with the knowledge,
skills and experiences to make informed decisions about many of the pressing issues
facing the new RN Graduate. Lecture. Letter grade only. Transferable to CSU.

PEACE STUDIES G100 - 3 Units
Peace Studies, Introduction
This course offers an in-depth examination of the internal and external components of
peace and conflict, and how each affects individuals, as well as groups, nations, and the
environment. A review of changes achieved historically through various philosophies
and lifestyles. Through the study of the forces that influence human relations, students
analyze how the world can be changed. Exercise, simulated conflict situations, role play,
and examples from community partners are used to provide students opportunities to
broaden their perspectives and develop self awareness. This class is designed as a service
learning course. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

PEACE STUDIES G110 - 3 Units
Nonviolence and Conflict Resolution
This course explores both the theory and the use of nonviolence as a means for warming
and resolving conflict. The course explores Nonviolence Theory as it applies to issues of
social change, alternative defense, and personal transformation. Writings from political,
sociological, feminist, religious, and philosophical perspectives will be examined. Case
studies will be used to demonstrate the use of nonviolent tactics and strategies, and to
increase students’ understanding of how and when nonviolence has been used to resolve
conflict. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

PEACE STUDIES G225 - 3 Units
Negotiation and Mediation
(Same as: Communication Studies G225)
Advisories: Communication Studies G100
This course presents theories and skills to address and settle conflict situations by
utilizing the negotiation and mediation processes. The student will learn how to assess
conflict situations and determine the appropriateness of negotiation and mediation.
Students will learn theories and skills through lecture, role playing, dialogue and in-
class simulations. Students will also examine different contexts for negotiation and
mediation including family, school, community and business situations. Videos and
student presentations of negotiation and conflict resolution topics complement the lec-
tures, simulations and role playing. Lecture. Optional pass/no pass grade. Transferable
to CSU.

PHILOSOPHY

PHILOSOPHY G100 - 3 Units
Introduction to Philosophy
(Formerly known as: Philosophy G101)
A probing into questions people ask about the universe and their place in it. An exami-
nation is undertaken of the range of possible answers developed by leading philosophers
in such areas as the meaning of knowledge, scientific method, religion, ethics, aesthet-
ics, history, politics and metaphysics. Lecture. Optional pass/no pass grade. Transferable
to CSU; UC.

PHILOSOPHY G102 - 3 Units
History of Ancient Philosophy
Recommended for all students interested in refining critical thinking faculties. Essential
for philosophy majors. The development of the Hellenic mind is explored, with empha-
sis on analysis of the basic texts of pre-Socrates, Plato and Aristotle. Lecture. Letter
grade only. Transferable to CSU; UC.

PHILOSOPHY G110 - 3 Units
Philosophy of the East
Of value to students desiring a broader understanding of the world’s religious thought.
A critical analysis of the principal documents of the East. Particular attention is given
to sacred literature as a sympathetic expression of religious thought and its culture.
Lecture. Letter grade only. Transferable to CSU; UC.

PHILOSOPHY G111 - 3 Units
Philosophy of Religion - Western
Questions regarding the nature of religion, God, and man’s relationship to the Divine
will be discussed. Emphasis will be upon interpretations of the life, message and mean-
ing of Jesus as the Christ. Modern philosophical methods will be critically applied.
Lecture. Optional pass/no pass grade. Transferable to CSU; UC.
PHOTOGRAPHY G115 - 3 Units
Logic and Critical Thinking
(Formerly known as: Introduction to Logic)
An introductory general education course focusing on the use of arguments both in their occurrence in ordinary discourse and the academic disciplines within the humanities, social sciences and natural sciences. The emphasis will be on basic learning skills: (1) oral communication (speech/listening) and (2) written communication (reading). Deductive and inductive reasoning techniques will be critically examined to establish their logical correctness or identify their fallaciousness. Recommended for all humanities, social science, business and natural science majors and those planning to transfer to a four-year college or university. Lecture. Optional pass/no pass grade. Recommended for all humanities, social science, business and natural science majors and those planning to transfer to a four-year college or university. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

PHOTOGRAPHY G120 - 3 Units
Ethics
An examination of the concepts of right and wrong, good and bad, in the light of the writings of classical ethical philosophers. A critical examination of alternative approaches to ethics, with an emphasis upon the question of ethical foundations. Applications of alternative traditions in ethics to contemporary moral issues. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

PHOTOGRAPHY G150 - 3 Units
Political Philosophy
(Formerly known as: Political Science G150)
This course introduces students to traditional philosophical issues concerning politics. Students will actively engage in an analysis of normative issues using historical insight as well as contemporary approaches. Among these issues are the nature of legitimate authority, political obligation, natural rights, equality and justice. The course emphasizes selections from the major works of such political philosophers as Plato, Aristotle, Hobbes, Locke, Rousseau, Marx and Mill. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

PHOTOGRAPHY

PHOTOGRAPHY G115 - 1 Unit
Know Your Camera
(Formerly known as: Photography G125)
This is a non-lab course for students who want to develop their visual skills. Through an aesthetic approach, students will acquire the technical and visual means to express ideas photographically. Film and processing expenses for class assignments are the responsibility of the student. Lecture. Optional pass/no pass grade. An eight-week course. Transferable to CSU.

PHOTOGRAPHY G120 - 3 Units
Introduction to Photography - Black and White Dark Room
(Formerly known as: Photography G150, Fundamentals of Photography)
A basic course to familiarize students with the fundamentals of photography. The students will study cameras and related accessory systems. Picture taking techniques, darkroom techniques, and the elements of design. Students must provide an adjustable camera. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

PHOTOGRAPHY G151 - 3 Units
Color Photography: Positive Materials
Advisories: Photography G120
A basic course to introduce students to fundamentals of color photography. Students will become familiar with color theory, subtractive and additive color processes and printing techniques used with both film and digital. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

PHOTOGRAPHY G154 - 3 Units
The Creative Photographer
Advisories: Photography G120
An intermediate course to refine one's skills in black and white photography both through chemical and/or digital printing. The emphasis will be on producing exhibition quality prints ready for commercial portfolios and/or gallery showings. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

PHOTOGRAPHY G155 - 3 Units
Creative Darkroom
Advisories: Photography G120
An advanced course with emphasis on alternative photographic processes including avant-garde as well as historical techniques. Students must provide an adjustable film or digital camera. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

PHOTOGRAPHY G157 - 3 Units
Documentary Photography
Advisories: Photography G120
This advanced course is for students wanting to learn photographic techniques that will enable them to transform everyday life into images of visual and emotional power. Insight will be gained by viewing a history of street photographers, the work of professional photojournalists, related films, and class discussions. No story writing involved. Students must provide an adjustable film or digital camera. This course may be taken 2 times Lecture & lab. Letter grade only. Transferable to CSU.

PHOTOGRAPHY G158 - 3 Units
History of Photography: An Exploration from the Lab
Advisories: Photography G120
In this course, students will explore the history of photography with emphasis on the technical innovations, limitations, and inspiration that helped determine the direction and perception of the photographic image. Through slide lectures and lab based assignments, students will gain skills to recognize specific aesthetic movements, analyze photographs for their historical and conceptual significance, and have a clear understanding of photography's shift from a utilitarian instrument to a fine arts/commercial tool. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

PHOTOGRAPHY G159 - 3 Units
Color Photography, Advanced
Advisories: Photography G151
An advanced course designed to refine color printing skills. The course will include demonstrations and intensive laboratory sessions and will concentrate on producing color photographs from film or digital images using professional ink jet printers. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

PHOTOGRAPHY G160 - 3 Units
Special Problems in Photography
Advisories: Photography G120
This course is designed to allow the advanced student the opportunity to concentrate on a semester long project in a specialized photographic area. Student must provide an adjustable film or digital camera. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.
PHOTOGRAPHY G165 - 3 Units
Portraiture
Advisories: Photography G120
This class encompasses commercial and artistic approaches to portraiture. The student utilizes the studio lighting techniques encountered in photographing the human figure and commercial portraits. These two problems will be approached historically and aesthetically. Students must provide an adjustable film or digital camera. This course may be taken 2 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

PHOTOGRAPHY G190 - 3 Units
Introduction to Photography - Digital
This is a basic course to familiarize students with the fundamentals of photography and digital imaging. Students will gain practical experience relating to cameras, exposure, light, content, color, composition and presentation. This course introduces the basics of digital imaging including printing and image editing with Adobe Photoshop. Students must provide an adjustable digital camera. This course may be taken two times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

PHOTOGRAPHY G191 - 3 Units
Digital Photography, Intermediate
(Same as: Digital Arts G191)
Advisories: Photography G120, Photography G190 or Digital Arts G190
This is an intermediate photography course providing in-depth instruction in scanning, printing and using digital imaging software to create a master digital image. Students gain practical experience with digital techniques that support their creative exploration of commercial or fine art photography. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

PHYSICAL EDUCATION

PHYSICAL EDUCATION G103 - 2 Units
Exercise for Healthy Living
Advisories: Co-enrolled in any Physical Education activity class (see list in the catalog - CSU General Education, Area E)
The intent of this course is to expose students to a broad range of information related to understanding personal fitness and health. This course will offer students a well rounded examination of lifestyle components elemental to lifelong healthy living. Students will explore a variety of personal choice options for developing and maintaining lifetime wellness from physiological, psychological and sociological perspectives. This course encourages students to participate in a wide variety of physical activities. It provides a comprehensive understanding of elements for successful participation in a variety of physical activities. Lecture. Letter grade only. Transferable to CSU; UC.

PHYSICAL EDUCATION G105 - 1 Unit
Adapted Strength and Fitness
Prerequisites: Permission of instructor required.
This is a physical fitness class consisting of cardiovascular conditioning, muscle strength, endurance, and proper use of weight machines, wheelchair accessible Nautilus machines, and free weights in the fitness lab. The purpose of strength training is to improve an individual's strength, stability, and coordination. Each student will be evaluated and an individual exercise plan will be developed. At the end of the class, each student will be experienced in individual and group physical activity. Students will be able to apply knowledge to improve quality of life by increasing, strength, stability, coordination and increasing knowledge of life-long fitness and activity. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G106 - 0.5 Units
Adapted Stretching
Advisories: Permission of the Instructor is required.
This course is designed for students with physical disabilities requiring an individualized exercise program. This course is designed to help permanently or temporarily disabled students develop and improve flexibility. Students will improve flexibility through conscious deep breathing, pressure points and relaxation techniques. Stretching will be done seated, on stretching tables and using sit-to-stand lifts for wheelchair students. This course may be taken 4 times. Lab. Optional pass/no pass grade. Transferable to CSU.

PHYSICAL EDUCATION G107 - 0.5 Units
Adapted Cardio Fitness
Prerequisites: Permission of instructor required.
This course is designed for students with physical disabilities requiring an individualized exercise program. This course individualizes cardiovascular exercise for each student, by use of upper and/or lower limb cardiovascular equipment, wheelchair accessible equipment and other activities. Students will learn the benefits of specific exercises and equipment and in addition will learn to plan an individual exercise program. This course may be taken 4 times. Lab. Optional pass/no pass grade. Transferable to CSU.

PHYSICAL EDUCATION G108 - 1 Unit
Adapted Aquatics
Advisories: Permission of the Instructor
This course is designed for students with temporary or permanent disabilities who can benefit from individualized low and no-impact aquatic cardiovascular exercises. Students will learn safe and independent activities that can be done for cardiovascular fitness in the pool. Swimming skills as well as appropriate exercises will be developed and practiced according to the goals and individual exercise programs of each student. This course may be taken 4 times UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G109 - 1 Unit
Swimming for Fitness
This course is designed for students with temporary or permanent disabilities who can benefit from individualized low and no-impact aquatic cardiovascular exercises. Students will learn safe and independent activities that can be done for cardiovascular fitness in the pool. Swimming skills as well as appropriate exercises will be practiced and developed according to the goals and individual exercise programs of each student. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G110 - 0.5 Units
Swimming for Fitness
This course is designed for swimmers with intermediate skills. The swimmer will be introduced to the latest techniques and methods for cardiovascular conditioning through swimming. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. A three-week course. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G111 - 1 Unit
Swimming
This course is designed to make people water safe. Students will receive instruction and practice in the fundamental skills of swimming. The course is recommended for swimmers with little or no previous experience, swimmers who can complete two laps of the pool with coordinated breathing, and swimmers with advanced skills. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.
PHYSICAL EDUCATION G114 - 1 Unit
Surfing
Prerequisites: Prior to entering surfing class, students must pass Intermediate ARC Swimming test or produce other official verification of their swimming ability at the first class meeting.
This course is designed to give students the necessary knowledge and skills to safely enjoy surfing. Through a structured lecture laboratory situation, the students will be introduced to the latest techniques and methods for optimum achievement. The course is suited to all performance levels and is organized to allow for individual instruction. This course may be taken 4 times. UC credit limitations. See counselor. Lecture & lab. Pass/no pass only. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G130 - 1 Unit
Yoga
This course is designed for students who are interested in learning and practicing yoga techniques such as breathing techniques, postures, meditation and relaxation. Students will learn about the techniques of yoga and how to make the exercise as enjoyable as possible. They will learn not only what the poses are, but how to stretch, relax and breathe throughout the practice. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

PHYSICAL EDUCATION G132 - 1 Unit
Pilates for Fitness
This course is designed for students who are interested in increasing their flexibility, strength, endurance, and coordination. The course will include mat work, using the principles of Pilates to focus on exercise to improve body alignment, strength, flexibility control and coordination. Students will also learn how each of the specific exercises will benefit their physical and mental health. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

PHYSICAL EDUCATION G134 - 1 Unit
Bowling
An introductory course in bowling for men and women, including practice and instruction in the basic techniques of bowling, scoring and rules. The class is conducted as an instructional league. A required fee includes three lines per session, bowling ball, bowling shoes, score sheets, handicap computations and awards. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G136 - 1 Unit
Rock Climbing
This course is designed so that students will develop mountaineering and rock climbing skills and fitness. Instructional emphasis is on preparation, knowledge of equipment, physical techniques and the mental approach to climbing. This course may be taken 4 times. UC credit limitations. See counselor. Lecture & lab. Letter grade only. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G137 - 0.5 Units
Golf
Instruction and practice in the basic skills fundamental to successful performance in golf. Included, with participation, will be instruction in the rules and etiquette of the sport. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Pass/no pass only. An eight-week course. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G139 - 0.5 Units
Intermediate/Advanced Golf
Advisories: Physical Education G137
Instruction, development and practice of intermediate through advanced golf skills at an off-campus driving range practice facility. This course may be taken 4 times. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G149 - 0.5 Units
Badminton
This course is designed for men and women who are interested in instruction and practice in the fundamental skills basic to successful performance in badminton. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU.

PHYSICAL EDUCATION G150 - 1 Unit
Tennis
(Formerly known as: P E 158AD)
Instruction and practice in the fundamental skills & a basic understanding of scoring, elementary positioning, & strategy of tennis singles & doubles. The more advanced student will receive instruction in the volley, lob and smash, consistency and placement of ground strokes and serves. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G158 - 1 Unit
Table Tennis
Introduction to Table Tennis. The course includes practice of stroke skills, the application of rules and etiquette in singles and doubles play. This course may be taken 4 times. UC credit limitations. See counselor. Lecture & lab. Pass/no pass only. UC credit limitations. See counselor. Transferable to CSU;

PHYSICAL EDUCATION G164 - 0.5 - 1.5 Units
Aerobics
Students in this course will strengthen the cardiovascular systems and improve endurance, flexibility and strength. The class combines instruction with strenuous exercise to music. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G166 - 0.5 - 2 Units
Circuit Weight Training
The Circuit Weight Training course is designed for students interested in an exercise routine that utilizes the circuit training facility and provides cardiovascular weight exercise. Circuit training has proven especially beneficial for women and men not interested in competitive weight training but desiring good muscle tone and cardiovascular fitness. This type of training gives maximum return in a controlled workout. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.
PHYSICAL EDUCATION G167 - 1 Unit
Super Circuit Training Advanced
The super circuit physical training program provides the student a combination of strength training with an emphasis on cardio-vascular conditioning for a total body workout. The super circuit is an accelerated circuit training program. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G172 - 0.2 Units
Strength Training (Nautilus/Strength Lab)
The course is designed as an open lab experience. Workout times are adjusted to the individual's schedule. This class is designed to provide instruction and supervision of individualized resistance exercise programs using 'free' weights and/or a combination of free weights and nautilus equipment. The lab will serve equally the highly trained or beginning lifter and is suited to all age groups. Recommended for men and women interested in muscle toning, rehabilitation, weight redistribution, body building, power lifting or athletic conditioning. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Pass/no pass only. A three-week course. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G173 - 1 Unit
Introduction to Weight Training
A course designed for men and women to help beginners learn how muscles work, proper lifting techniques, safety factors, diet, and how to develop a program to meet specific needs. This course may be taken 4 times. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G176 - 1 Unit
Total Fitness for Women
A well-balanced program of physical activities designed to enhance endurance, flexibility, strength, cardiovascular efficiency and weight redistribution based on a selected exercise program, par course, circuit training, aerobic work, diet information and coordination. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G178 - 0.5 - 1 Units
Cardiovascular Laboratory
The cardiovascular lab course is designed for those people who desire a cardiovascular workout using a combination of stationary bikes, treadmills, elliptical, and rowing machines. This is suited for men and women of all age groups who are interested in achieving a maximal level of cardiovascular fitness. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Pass/no pass only. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G180 - 2 Units
Strength and Muscle Power Training
This course is designed to provide students instruction and training to develop strength and muscle power. Students will design a systematic training regime using weight machines and 'free weights' (bar bells and dumb bells). This class is suited for healthy students of all ages and experience levels, but is not a rehabilitation program. This class is recommended for men and women interested in strength and muscle power training, athletic conditioning, power lifting and body building. This course may be taken 4 times. UC credit limitations: Any or all of these courses (PE G140, G142, G146, G150, G160, G180, G191, G200) combined—maximum credit, 8 units. UC credit limitations. See counselor. Lab. Pass/no pass only. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G181 - 1 Unit
Muscular Strength Training
This course is designed to provide students instruction and training to develop strength and muscle tone. Students will design a systematic training regime using weight machines and 'free weights' (bar bells and dumb bells). This class is suited for healthy students of all ages and experience levels. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G186 - 0.5 - 1 Units
Activities - Basketball
Instruction and practice in the fundamental skills basic to successful performance in this activity. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G189 - 1 Unit
Futsal/Indoor Soccer
This course is designed to introduce the student to the instruction and practice of futsal/indoor soccer skills. Students will improve skills through the application of rules, study, and theory; improve flexibility and endurance through training, drills, and games; explore the relationship between fitness and health-related topics to improve and maintain a healthy lifestyle. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

PHYSICAL EDUCATION G192 - 1 Unit
Soccer
Instruction and practice in the fundamental skills basic to successful performance in this activity. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC. May not be offered each semester.

PHYSICAL EDUCATION G194 - 2 Units
Physical Training for Volleyball
Physical training for athletes interested in competitive volleyball. Instruction and practice in skills and fundamentals, as well as cardiovascular conditioning. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Letter grade only. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G195 - 0.5-1 Units
Volleyball
Participation and instruction in all facets of the game of volleyball, from fundamental skills through advanced strategies and techniques. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G196 - 0.25 - 1 Units
Sand Volleyball
Participation and instruction of all facets of sand volleyball, from fundamentals skills through strategies and techniques. This course may be taken 4 times. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G201 - 0.5 - 1.5 Units
Sports Conditioning - Basketball
A course in sports conditioning for basketball. This course may be taken 4 times. UC credit limitations. See Counselor. Lecture & lab. Pass/no pass only. UC credit limitations. See counselor. Transferable to CSU.
PHYSICAL EDUCATION G202 - 0.5 - 1.5 Units
Sports Conditioning - Baseball
A course in sports conditioning for baseball. UC credit limitations. See counselor. Lecture & lab. Pass/no pass only. UC credit limitations. See counselor. Transferable to CSU.

PHYSICAL EDUCATION G203 - 0.5 - 1.5 Units
Sports Conditioning - Volleyball
A course in sports conditioning for Volleyball. This course may be taken 4 times. UC credit limitations. See counselor. Lecture & lab. Pass/no pass only. UC credit limitations. See counselor. Transferable to CSU.

PHYSICAL EDUCATION G204 - 0.5 - 1.5 Units
Sports Conditioning - Swimming
A course in sports conditioning for swimming. Designed to instruct swim and water polo team members in the advanced skills and knowledge of the sport. Course is recommended for those who wish to compete on the college level. This course may be taken 4 times. UC credit limitations. See counselor. Lecture & lab. Pass/no pass only. UC credit limitations. See counselor. Transferable to CSU.

PHYSICAL EDUCATION G207 - 0.5 - 1.5 Units
Sports Conditioning - Cross Country
A course in sports conditioning for cross country. This course may be taken 4 times. UC credit limitations. See counselor. Lecture & lab. Pass/no pass only. UC credit limitations. See counselor. Transferable to CSU.

PHYSICAL EDUCATION G209 - 0.5 - 1.5 Units
Sports Conditioning - Softball
A course in sports conditioning for softball. This course may be taken 4 times. UC credit limitations. See counselor. Lab. Pass/no pass only. UC credit limitations. See counselor. Transferable to CSU.

PHYSICAL EDUCATION G240 - 2 Units
Baseball Team
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. Enrollment subject to approval of the coach. Those enrolled in this course for credit who fail to qualify for the squad will withdraw from the course and be encouraged to sign up for another physical education class. Students may apply intercollegiate activities to General Education requirements for graduation. This course may be taken 3 times. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G244 - 2 Units
Cross Country Team - Men
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. This class is designed for those students desiring to participate in intercollegiate athletics. Advanced training techniques are applied for successful participation. This course may be taken 3 times. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G246 - 2 Units
Football Team
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. Enrollment subject to approval of the coach. Those enrolled in this course for credit who fail to qualify for the squad will withdraw from the course and are encouraged to enroll in a regular physical education activity. Students may apply intercollegiate athletic activities to General Education requirements for graduation. This course may be taken 3 times. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G250 - 2 Units
Soccer Team - Men
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. Theoretical and practical instruction for the successful participation in intercollegiate soccer competition. Students may apply intercollegiate athletic activities to general education requirements for graduation. This course may be taken 3 times. Students may apply intercollegiate activities to General Education requirements for graduations. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G252 - 2 Units
Swimming Team - Men
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. Enrollment subject to approval of the coach. This course is for competition with other college swim teams. Students may apply intercollegiate athletic activities to general education requirements for graduation. This course may be taken 3 times. Students may apply intercollegiate activities to General Education requirements for graduations. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G256 - 2 Units
Track Team - Men/Women
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. Enrollment subject to approval of the coach. Those enrolled in this course for credit who fail to qualify for the squad will withdraw from the course and are encouraged to enroll in a regular physical education activity. Students may apply intercollegiate athletic activities to general education requirements for graduation. This course may be taken 3 times. Students may apply intercollegiate activities to General Education requirements for graduations. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.
COURSES

PHYSICAL EDUCATION G258 - 2 Units
Volleyball Team - Men
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. Designed for students competing in intercollegiate volleyball competition. Advanced techniques and strategies required for competition are required as well as the necessary aerobic and anaerobic conditioning required to participate at a high level of athletic competition. This course may be taken 3 times. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G260 - 2 Units
Water Polo Team
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. Enrollment subject to approval of the coach. This course is for competition with other collegiate water polo teams. Students may apply intercollegiate athletic activities to general education requirements for graduation. This course may be taken 3 times. Students may apply intercollegiate activities to General Education requirements for graduations. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G272 - 2 Units
Cross Country Team - Women
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. Enrollment subject to the approval of the coach. Those enrolled in this course for credit who fail to qualify for the squad must withdraw form the course and are encouraged to enroll in a regular physical education activity. Students may apply intercollegiate athletic activities to General Education requirements for graduation. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G273 - 2 Units
Soccer Team - Women
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. Designed for women with prior soccer experience interested in intercollegiate competition. Any student not qualifying for the squad must withdraw from the course and may enroll in another physical education class. This course may be taken 3 times. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G274 - 2 Units
Softball Team - Women
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. A course designed to instruct softball players in the advanced skills and knowledge of on-the-field techniques and strategies. Course recommended for those who wish to develop advanced skills and participate on the collegiate level. This course may be taken 3 times. Students may apply intercollegiate activities to General Education requirements for graduations. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G275 - 2 Units
Swimming Team - Women
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. Enrollment subject to approval of the coach. This course is for competition with other college swim teams. Students may apply intercollegiate athletic activities to general education requirements for graduation. This course may be taken 3 times. Students may apply intercollegiate activities to General Education requirements for graduations. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G277 - 2 Units
Track Team - Women
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. Enrollment subject to the approval of the coach. Those enrolled for credit who fail to qualify for the squad must withdraw from the course and are encouraged to enroll in a regular physical education activity. Students may apply intercollegiate athletic activities to General Education requirements for graduation. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G278 - 2 Units
Volleyball Team - Women
Corequisites: Students must be enrolled in twelve units during the semester in which they participate. For complete information concerning eligibility rules, contact the athletic director. Designed for students competing in intercollegiate volleyball competition. Advanced technique and strategies required for competition are required as well as the aerobic and anaerobic conditioning required to participate at a high level of athletic competition. This course may be taken 3 times. Students may apply intercollegiate activities to General Education requirements for graduations. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. Students may apply intercollegiate activities to General Education requirements for graduation. UC credit limitations. See counselor. Transferable to CSU; UC.

PHYSICAL EDUCATION G280 - 3 Units
Football Techniques, Advanced
This course will help students refine football skills. Offensive and defensive fundamentals and techniques will be emphasized. This course may be taken 4 times. UC credit limitations. See counselor. Lecture & lab. Optional pass/no pass grade. UC credit limitations. See counselor. Transferable to CSU; UC.
**PHYSICAL EDUCATION G283 - 0.5 - 2 Units**

Physical Training, Advanced
A course designed to meet the needs of those students who wish to gain a high level of fitness in order to participate in some vigorous physical activity such as, but not limited to, varsity athletics. The course is set up to achieve the desired physiological results in a short time through concentrated effort. Due to the time involved and the nature of the experience, it will be offered at times not to conflict with regular semester classes. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. A two-week course. Transferable to CSU; UC.

**PHYSICAL EDUCATION G285 - 2 Units**

Sports Conditioning - Softball, Advanced
Prerequisites: Instructor's approval and advanced abilities to participate on the collegiate level required.
A course designed to instruct softball players in the advanced skills and knowledge of on the field techniques and strategies. Course recommended for those who wish to develop their skills to the level of a collegiate competitor. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

**PHYSICAL EDUCATION G286 - 2 Units**

Track, Advanced
This course is designed to provide instruction and practice in track and field techniques, track officiating and track coaching skills. Students will be provided with the opportunity to perform in each area those skills which will qualify them for employment in coaching, officiating and recreation jobs. There will be a class project which will include the preparation, officiating and athletic participation in a decathlon meet. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

**PHYSICAL EDUCATION G287 - 1 - 2 Units**

Soccer Techniques, Advanced
A course designed to meet the needs of those students who wish to gain a high level of soccer playing ability. The course will help students to refine the basic skills (technical and tactical) and use them in a competitive game situation. This course may be taken 4 times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

**PHYSICAL EDUCATION G288 - 2 Units**

Advanced Physical Conditioning for Women's Volleyball
A course designed to instruct volleyball players in advanced skills and knowledge of on the court techniques. Course recommended only for those who wish to develop their skills to the level of a collegiate competitor. This course may be taken 4 times. Lecture & lab. Letter grade only. Transferable to CSU; UC.

**PHYSICAL EDUCATION G290 - 2 Units**

Sports Conditioning - Baseball
A course designed to instruct baseball players in the advanced skills and knowledge of on-the-field techniques. Course recommended only for those who wish to develop their skills to the level of a collegiate competitor. This course may be taken 4 times. Lecture & lab. Letter grade only. Transferable to CSU; UC.

**PHYSICAL EDUCATION G298 - 0.5 - 1 Units**

Sports Conditioning - Water Polo
A course designed for intercollegiate/advanced level water polo players. This course may be taken 4 times. Lab. Optional pass/no pass grade. Transferable to CSU; UC.

**PHYSICAL SCIENCE**

**PHYSICS G111 - 1 Unit**

Conceptual Physics Lab
Corequisites: Enrollment in or completion of Physics G110
This course is designed to supplement Physics G110. The student will do laboratory exercises which illustrate some of the phenomena discussed in Physics G110. UC credit limitations: No credit given if taken after G120 or G185. Lab. Optional pass/no pass grade. Transferable to CSU; UC.

**PHYSICS G110 - 3 Units**

Conceptual Physics
(Formerly known as: Conceptual Physics: Mechanics and Modern Physics)
A course designed for non-science majors which considers the everyday applications of physics. This course is a non-mathematical approach to the basic concepts of physics. Open to students with or without high school physics, but not open to those who have credit for any college physics course. It covers the subjects of motion, energy, waves, electricity, magnetism, relativity and nuclear energy. UC Credit Limitations: No credit if taken after a college level course in Astronomy, Chemistry, Geology or Physics. Lecture & lab. Letter grade only. UC credit limitations: No credit if taken after a college level course in Astronomy, Chemistry, Geology or Physics. Transferable to CSU; UC.

**PHYSICS G100 HONORS - 4 Units**

Introduction to Physical Science, Honors
Advisories: Satisfactory completion of Mathematics G030
The Golden West Honors Program offers highly motivated students an enriched academic experience, challenging them with stimulating, rigorous assignments leading them to advanced levels of critical thinking. Enhancements to the standard Physical Science G100 course are both quantitative and qualitative. Additional reading, writing, research, and the use of computer resources to solve problems are designed to develop critical thinking based on precepts of the scientific method. This course explores topics in more depth than the standard course and develops methods that students will use in teaching careers. The course also intensifies the focus on mathematical analysis and reasoned argumentation to demonstrate a deeper understanding of physical phenomena than is ordinarily required. Students will be expected to manifest a capacity for, and a commitment to, academic excellence Lecture & lab. Letter grade only. Transferable to CSU; UC.
COURSES

PHYSICS G120 - 4 Units
Algebra Based Physics: Mechanics
(Formerly known as: General Physics: Mechanics, Heat and Sound)
Prerequisites: Math G120 or concurrent enrollment, or Mathematics Placement Assessment
This is an algebra/trigonometry based physics course in mechanics, heat and sound. Topics studied include force, motion, energy, heat transfer, effects of heat and the nature and properties of waves. Three hours lecture and demonstration, three hours laboratory a week. UC Credit Limitations: Physics G120, G125 and G185, G280, G285 combined—maximum credit, one series; deduct credit for duplication of topics. Lecture & lab. Letter grade only. UC Credit Limitations: Physics G120, G125 and G185, G280, G285 combined—maximum credit, one series; deduct credit for duplications of topics. Transferable to CSU; UC.

PHYSICS G125 - 4 Units
Algebra Based Physics: Electricity/Magnetism
(Formerly known as: General Physics: Light, Magnetism, Electricity, Atomic Physics)
Prerequisites: Physics G120
This is an algebra/trigonometry based general physics course in the areas of electricity, magnetism, light and modern physics. Topics studied include electric charges and fields, DC circuits, magnetic fields, electromagnetic induction, reflection, refraction, interference of light, quantum theory, matter waves, radioactivity and nuclear reactions. Three hours lecture and demonstration, three hours laboratory a week. This course may not be offered each semester. UC credit limitations. Physics G120, G125 and G185, G280, G285 combined—maximum credit, one series; deduct credit for duplication of topics. Lecture & lab. Letter grade only. Transferable to CSU; UC. May not be offered each semester.

PHYSICS G185 - 4 Units
Calculus Based Physics: Mechanics
(Formerly known as: General Physics: Mechanics and Sound)
Advisories: Mathematics G185
This is an introductory course in physics using calculus. Topics studied include vectors, motion, forces, energy, momentum, oscillators and properties of waves. Physics G185, G280 and G285 are required for students majoring in physics, chemistry or engineering. UC Credit Limitations: Physics G120, G125 and G185, G280, G285 combined—maximum credit, one series; deduct credit for duplication of topics. Lecture & lab. Letter grade only. Transferable to CSU; UC.

PHYSICS G280 - 4 Units
Calculus Based Physics: Electricity/Magnetism
(Formerly known as: General Physics: Electricity and Magnetism)
Prerequisites: Physics G185 and Math G185
This is a calculus based physics course which covers the topics of electric charge, electric fields, potential dielectrics, DC circuits, magnetic fields, magnetic forces, electromagnetic induction, electromagnetic oscillators, and waves. UC Credit Limitations: Physics G120, G125 and G185, G280, G285 combined—maximum credit, one series; deduct credit for duplications of topics. Lecture & lab. Letter grade only. Transferable to CSU; UC. May not be offered each semester.

PHYSICS G285 - 4 Units
Calculus Based Physics: Modern
(Formerly known as: General Physics: Heat, Light, Modern Physics)
Prerequisites: Physics G185 and Mathematics G185
This is a calculus based physics course including the topics of measurement of heat and temperature, effects of heat, kinetic theory of gases, thermodynamics, propagation of light, reflection, refraction, interference, diffraction, relativity, quantum theory and matter waves. UC Credit Limitations: Physics G120, G125 and G185, G280, G285 combined—maximum credit, one series; deduct credit for duplications of topics. Lecture & lab. Letter grade only. Transferable to CSU; UC. May not be offered each semester.

POLITICAL SCIENCE

POLITICAL SCIENCE G100 - 3 Units
Introduction to Political Science
This course is an introduction to the field of political science and is designed to familiarize students with the basic ideologies, systems, and models of political analysis. The course examines the challenges posed by analytic approaches, and the relationship of politics to economics, culture and international affairs. Topics of discussion range from the individualís political beliefs and actions through the politics of groups, states, and the dynamics of international systems. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

POLITICAL SCIENCE G101 - 3 Units
Survey of Current Issues
This course is a survey of contemporary political issues confronting the United States and the global community. The focus will be on issues and problems of political significance such as terrorism, globalization and nuclear proliferation. The course provides students with the necessary tools to analyze opposing viewpoints and develop argumentation skills. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

POLITICAL SCIENCE G110 - 3 Units
International Relations
This course provides an introduction to world politics as it relates to national conflict and international cooperation. Important to this course is an analysis of the structure and growth of both international governmental and non-governmental organizations and an understanding of the global economy as it relates to transnational cooperation. Particular focus will be on the development of new models of national and international cooperation to deal with terrorism and other problems facing the world in the new millennium. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

POLITICAL SCIENCE G120 - 3 Units
Principles of United Nations
This course studies the United Nations and related international organizations, focusing on the role of the United Nations in world politics. This course also introduces students to the theory and practice of international diplomacy. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.
POLITICAL SCIENCE G120 HONORS - 3 Units
Principles of United Nations, Honors
Advisories: English Placement Assessment or satisfactory completion of English G010 or equivalent. Eligibility for the Honors Program (see catalog for requirements).
The Honors section of this course engages students in evaluating the functions, structure and problems of the United Nations, international diplomacy and related international organizations. This course focuses on the history, structure and functions of the United Nations and examines the UN principal organs. This course also introduces students to the theory and practice of international diplomacy. Students will evaluate the success and failure of theories of collective security, settlement of international disputes, as well as timely topics such as human rights issues, UN peacekeeping attempts and technological cooperation. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

POLITICAL SCIENCE G121 - 3 Units
Model United Nations
Advisories: Political Science G120 or experience in international diplomacy and consult with the instructor.
This course increases the student's working knowledge of the United Nations and international diplomacy. Students will evaluate the functions, structure and problems of the United Nations and related international organizations such as the International Monetary Fund and World Bank. Students will also evaluate the success and failure of various programs aimed at solving global problems such as terrorism, economic disparity, human rights abuses, infectious diseases and nuclear non-proliferation agreements. This course will focus on the theory and practice of international diplomacy, negotiation, bargaining and conflict resolution within the procedural rules of the United Nations. Students will learn how to research and write position papers, resolutions and reports and will participate in simulations by representing an assigned country or international government organization. This course will be of interest to majors in political science, journalism and international law.

Lab Description: The lab component of this course will focus on research and writing skills. Assignments will consist of researching and evaluating specific global topics from the perspective of an assigned country or international government organization. Lecture & lab. Optional pass/no pass grade. Transferable to CSU. Offered spring semester only.

POLITICAL SCIENCE G121 HONORS - 3 Units
Model United Nations, Honors
Advisories: It is recommended that students have taken POL SC G120 or G120H or have experience in international diplomacy and consult with the instructor.
The Golden West Honors program offers highly motivated students an enriched academic experience, challenging them with stimulating, rigorous assignments leading them to advanced levels of critical thinking. The honors section of this course increases the student’s working knowledge of the United Nations and international diplomacy. Students will evaluate the functions, structure and problems of the United Nations and related international organizations such as the International Monetary Fund and World Bank. Students will also evaluate the success and failure of various programs aimed at solving global problems such as terrorism, economic disparity, human rights abuses, infectious diseases and nuclear non-proliferation agreements. This course will focus on the theory and practice of international diplomacy, negotiation, bargaining and conflict resolution within the procedural rules of the United Nations. A major objective of this course will be to teach students methods of participating in a local conference. Students will learn how to research and write position papers and resolutions, participate in simulations and attend a one-day collegiate conference. Students will represent various countries and/or international government organizations. This course will be of interest to majors in political science, journalism and international law.
Lab Description: The lab component of this course will focus on research and writing skills based on global topics. Assignments will consist of researching and writing position papers, and writing effective resolutions. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

POLITICAL SCIENCE G122 - 1 Unit
Model United Nations Conference
Prerequisites: Instructor approval
This course models the process of the United Nations. Students will submit position papers and will participate in an intercollegiate Model United Nations multi-day conference. This course may be taken 4 times. Lab. Optional pass/no pass grade. Transferable to CSU.

POLITICAL SCIENCE G130 - 3 Units
Law in American Society
This course provides a general survey of American Law and its English origins. It is intended as an introduction to the legal system and to acquaint the student to elements of law that affect legal relationships. The focus is on the United States Constitution and selected Supreme Court decisions on issues of civil rights and liberties. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

POLITICAL SCIENCE G150 - 3 Units
Political Philosophy
(Same as: Philosophy G150)
This course introduces students to traditional philosophical issues concerning politics. Students will actively engage in an analysis of normative issues using historical insight as well as contemporary approaches. Among these issues are the nature of legitimate authority, political obligation, natural rights, equality and justice. The course emphasizes selections from the major works of such political philosophers as Plato, Aristotle, Hobbes, Locke, Rousseau, Marx and Mill. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

POLITICAL SCIENCE G180 - 3 Units
American Government
(Formerly known as: U.S. Government)
This course examines the American political system at the national, state and local levels. Topics include an examination of the history, structure and function of the American political system and the principles, processes and issues that affect it. Additionally, this course will discuss current issues, examine the decision making process and how these decisions affect society. Lecture. Optional pass/no pass grade. This course satisfies the CSU requirement on the Constitution of the United States and local government. UC Credit Limitations: Political Science G180 and G180H combined—maximum credit, one course. Transferable to CSU; UC.
POLITICAL SCIENCE G180 HONORS - 3 Units
American Government Honors
(Formerly known as: Introduction to Government (United States) Honors)
The honors section of Political Science G180 engages students in evaluating the principles and problems of government, with increased use of experiential learning and more rigorous analysis of the U.S. political system at the national, state and local levels. The course also sharpens the focus on research and critical thinking. The readings—which include classic essays, major political documents, and case studies of landmark Supreme Court decisions—offer a more challenging selection of political works than the regular course. Students deepen their experience by examining, and applying in their own writing, rhetorical methods of argumentation such as definition, exemplification and comparative analysis. This course satisfies the CSU requirement on the Constitution of the United States and local government. UC Credit Limitations: Political Science G180 and G180H combined—maximum credit, one course. Lecture. Letter grade only. This course satisfies the CSU requirement on the Constitution of the United States and local government. UC Credit Limitations: Political Science G180 and G180H combined—maximum credit, one course. Transferable to CSU; UC.

POLITICAL SCIENCE G185 - 3 Units
Comparative Politics
(Formerly known as: Introduction to Government (Comparative))
This course introduces the field of comparative politics by providing a study of political systems, government structures and popular ideologies in selected developed and developing countries. Major themes will include development, nation/state building and democratization. Recommended for students interested in governments and politics throughout the world. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

PORTUGUESE

PORTUGUESE G060 - 3 Units
Practical Portuguese, Beginning
This course is designed to introduce the student to the fundamental skills of spoken Portuguese. Students will learn correct pronunciation, basic structural patterns and necessary vocabulary in order to ask and answer questions on everyday topics such as the weather, family, telling time and counting, courtesy phrases, description of home, job, pastimes, personal characteristics and other familiar subjects. Not open to native Portuguese speaking students. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

PORTUGUESE G180 - 5 Units
Elementary Portuguese I
(Formerly known as: Elementary Portuguese)
This is a course in the fundamentals of the Portuguese language. Students will be introduced to listening, speaking, reading, writing, simple Portuguese as well as fundamental aspects of culture. Topics will include: weather, family, telling time, counting, courtesy phrases and other common vocabulary. The basic elements of grammar will be addressed. Native Speakers are eligible for Portuguese G180 only by permission of the instructor. This course is equivalent to two years of high school Portuguese. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

PROFESSIONAL PHYSICAL EDUCATION

PROFESSIONAL PHYSICAL EDUCATION G140 - 1 Unit
Defensive Football Theory
This course is designed to teach the skills, knowledge and philosophy of defensive football. Special consideration will be given to skills development of the preteen player. Recommended for those students interested in playing or coaching organized football and for the non-professional coach working outside the school environment. UC credit limitations. Any or all of these courses (PPE G140, G142, G146, G150, G160, G180, G191, G200) combined—maximum credit, 8 units. Lecture. Letter grade only. A nine-week course. UC credit limitations: Any or all of these courses (PPE G140, G142, G146, G150, G160, G180, G191, G200) combined—maximum credit, 8 units. Transferable to CSU; UC.

PROFESSIONAL PHYSICAL EDUCATION G141 - 2 Units
Defensive Football Theory, Advanced
This course is designed to teach the advanced skills, knowledge and philosophy of defensive football. Special consideration will be given to skills development of the collegiate player. This course is recommended for those students interested in playing or coaching collegiate football and for the professional coach working within the school environment. Lecture. Letter grade only. Transferable to CSU; UC.

PROFESSIONAL PHYSICAL EDUCATION G142 - 1 Unit
Offensive Football Theory
This course is designed to teach the skills, knowledge and philosophy of offensive football. Special consideration will be given to skills development of the preteen player. Recommended for those students interested in playing or coaching organized football and for the non-professional coach working outside the school environment. UC credit limitations. Any or all of these courses (PPE G140, G142, G146, G150, G160, G180, G191, G200) combined—maximum credit, 8 units. Lecture. Letter grade only. A nine-week course. UC credit limitations: Any or all of these courses (PPE G140, G142, G146, G150, G160, G180, G191, G200) combined—maximum credit, 8 units. Transferable to CSU; UC.

PROFESSIONAL PHYSICAL EDUCATION G143 - 2 Units
Offensive Football Theory, Advanced
This course is designed to teach the advanced skills, knowledge and philosophy of offensive football. Special consideration will be given to skills development of the collegiate player. This course is recommended for those students interested in playing or coaching collegiate football and for the professional coach working within the school environment. Lecture. Letter grade only. Transferable to CSU; UC.

PROFESSIONAL PHYSICAL EDUCATION G150 - 2 Units
Baseball Sports Theory
Designed for students entering collegiate level baseball participation or the coaching profession. Essential knowledge & skills development principles are learned. UC credit limitations: Any or all of these courses (PPE G140, G142, G146, G150, G160, G180, G191, G200) combined—maximum credit, 8 units. Lecture. Optional pass/no pass grade. UC credit limitations: Any or all of these courses (PPE G140, G142, G146, G150, G160, G180, G191, G200) combined—maximum credit, 8 units. Transferable to CSU; UC.

PROFESSIONAL PHYSICAL EDUCATION G160 - 2 Units
Athletic Training
Technique and theory in prevention and rehabilitation of athletic injuries. Includes taping techniques, use of modalities for therapy, strength and conditioning programs. Lecture & lab. Optional pass/no pass grade. UC credit limitations: Any or all of these courses (PPE G140, G142, G146, G150, G160, G180, G191, G200) combined—maximum credit, 8 units. Transferable to CSU; UC.
PROFESSIONAL PHYSICAL EDUCATION G180 - 3 Units
The Physical Education Profession
An overview of the physical education profession with an emphasis on career options and employment opportunities. An exploration of career specialties in the areas of health, physical education and recreation. Lecture. Optional pass/no pass grade. UC credit limitations: Any or all of these courses (PPE G140, G142, G146, G150, G160, G180, G191, G200) combined--maximum credit, 8 units. Transferable to CSU; UC.

PROFESSIONAL PHYSICAL EDUCATION G200 - 2 Units
Water Safety Instruction
Advisories: Intermediate level of swimming
Advanced water skills and the opportunity to qualify for the Red Cross emergency water safety & water safety instructor certificates. UC credit limitations: Any or all of these courses (PPE140, G142, G146, G150, G160, G180, G191, G200) combined--maximum credit, 8 units. Lecture & lab. Optional pass/no pass grade. UC credit limitations: Any or all of these courses (PPE 140, G142, G146, G150, G160, G180, G191, G200) combined--maximum credit, 8 units. Transferable to CSU; UC.

PSYCHOLOGY

PSYCHOLOGY G100 - 3 Units
Introduction to Psychology
An introduction to the scientific study of behavior including research methodology, memory, motivation, emotion, personality, intelligence and psychobiology. UC Credit Limitations: Psych G100 and G100H combined--maximum credit, one course. Lecture. Optional pass/no pass grade. UC Credit Limitations: Psych G100 and G100H combined--maximum credit, one course. Transferable to CSU; UC.

PSYCHOLOGY G110 - 3 Units
Personal and Social Adjustment
Recommended for transfer students. Of value to students interested in critical self-understanding. A consideration of the principles of adjustment and self-actualization. Contemporary theories of behavior change and growth are examined and their applications discussed. Lecture. Optional pass/no pass grade. Transferable to CSU.

PSYCHOLOGY G116 - 3 Units
Child Growth and Development
(Formerly known as: Psychology G150, Child Psychology)
Recommended for parents, future parents or teachers, and for majors in education, social service, and recreation. A study of the physical, emotional, mental and social development of the child. Emphasis on relations with parents, peers and teacher. Approaches to discipline and education are considered. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

PSYCHOLOGY G118 - 3 Units
Life Span Developmental Psychology
(Formerly known as: Psychology G160, Human Growth and Development)
The course enables the student to understand human development from conception to death. Physical, mental and psychosocial development are explored for each age group. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

PSYCHOLOGY G165 - 3 Units
Principles of Human Sexuality 1
(Formerly known as: Human Sexuality - Psychobiological Basis)
This course involves an analysis of the interconnections between psychological experiences and the structure and function of the human sexual body. Topics include growth and development, reproduction and contraception, disabilities, dysfunction and therapy, as well as differing social values attached to each of these processes. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

PSYCHOLOGY G250 - 3 Units
Psychobiology
Advisories: Psychology G100
Recommended for transfer students to develop an appreciation of the psychological, biochemical and genetic factors that affect behavior. This course can give a foundation for further studies in developmental, learning, personality and motivational psychology. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

PSYCHOLOGY G255 - 3 Units
Abnormal Psychology
(Formerly known as: Psychology G158)
Advisories: Psychology G100
An overview of abnormal behavior as a portion of the continuum of human behavior. The course will cover the field’s historical approaches, the range of psychological disorders, as well as their biological, psychological, social consequences, and treatment Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

PSYCHOLOGY G280 - 4 Units
Research Methods in Psychology
(Formerly known as: Psychology G185, Introduction to Experimental Psyc)
Prerequisites: Psychology G100 and Math G160 or Mathematics Placement Assessment Principles of the scientific method and various research designs (experimental and correlational), will be examined. Students will apply these techniques and complete an original research project. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

REAL ESTATE

REAL ESTATE G110 - 3 Units
Real Estate Principles
An introductory course covering a wide variety of California real estate topics, including: vesting of title, conveyances, real estate contracts, agency, encumbrances, finance, landlord-tenant relations, escrows & taxation among others. This class is required for those persons who intend to take the California Real Estate licensees exam. Lecture. Optional pass/no pass grade. Transferable to CSU.

REAL ESTATE G120 - 3 Units
Real Estate Legal Aspects
This course is an introduction to the laws dealing with the ownership and use of California Real Estate. Emphasis will be placed on problems commonly encountered in the purchase, sale, lease, and the rights and liabilities of the parties involved in real estate transactions. Lecture. Letter grade only. Transferable to CSU. May not be offered each semester.

REAL ESTATE G130 - 3 Units
Real Estate Practice
Designed for the real estate salesperson. Client building and maintenance, listing, and selling new and resale homes, advertising, etc. This is a California Department of Real Estate required class (must be taken within 18 months of passing the California Salesperson’s exam) in order to obtain the regular, renewable 4-year license. Lecture. Letter grade only. Transferable to CSU. May not be offered each semester.
SIGN

SIGN G068 - 3 Units
ASL for Health and Medical Personnel
A beginning course in American Sign Language (ASL) for medical and health personnel, stressing the acquisition of technical vocabulary and the basic structural concepts for communication in a bilingual environment. This course may be taken 4 times. Lecture. Letter grade only.

SIGN G180 - 4 Units
American Sign Language 1
(Formerly known as: Beginning American Sign Language I)
A basic course in American sign language (ASL). Emphasis will be on grammar, syntax, vocabulary and expressive and receptive skills. This course is equivalent to two years of high school Sign Language. This course may be taken 2 times. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

SIGN G185 - 4 Units
American Sign Language 2
(Formerly known as: Beginning American Sign Language II)
Advisories: Sign G180
This is a continuation of American Sign language (ASL). Emphasis is on grammar, syntax, vocabulary and expressive and receptive ability. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

SIGN G280 - 4 Units
American Sign Language 3
(Formerly known as: Advanced American Sign Language I)
Advisories: Sign G185
This course provides further training in manual alphabet and sign language for purposes of communication with people who are deaf. It is designed to help the student increase speed with regard to accuracy, rhythm and comprehension. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

SIGN G285 - 4 Units
American Sign Language 4
(Formerly known as: Advanced American Sign Language II)
Advisories: Sign G280
This course is an advanced study of American Sign language. Emphasis is on acquiring advanced vocabulary and using complex grammar. Students will learn the proper use of classifiers, narrative structure, and enumeration. Students develop expressive and receptive fluency in the context of Deaf culture and Deaf community. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

SIGN G290 - 0.5 Units
Fingerspelling
Current or previous enrollment in a sign or interpreting course. A skills class designed to introduce Sign Language and Interpreting students to the principles and techniques of the American (fingerspelling) Manual Alphabet. Fingerspelling is an important ingredient in conversing with deaf people. Expressive and receptive techniques will be emphasized. This course may be taken 4 times. Lecture & lab. Pass/no pass only. Transferable to CSU. Offered fall semester only.

SOCIAL SCIENCE

SOCIAL SCIENCE G133 - 3 Units
Racial and Ethnic Relations in America
(Same as Sociology G133)
A social profile of major American racial/ethnic groups. A special examination of the problems of minority assimilation into an otherwise open society and culture. Lecture. Letter grade only. Transferable to CSU; UC.

SOCIAL SCIENCE G134 - 3 Units
Chicano Studies
(Same as Sociology G134)
An overview of the Chicano historical experience and in social development in the United States. The course will survey the Chicano culture, customs, politics, labor conflict, immigration patterns, achievements, and contributions to the American Southwest. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

SOCIAL SCIENCE G135 - 3 Units
Vietnamese Culture
(Same as Anthropology G135)
An analysis of major factors and elements of Vietnamese culture, past and present. The impact of American culture on Vietnamese American life and traditions. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

SOCIAL SCIENCE G136 - 3 Units
History and Culture of the Chicano American
A study of the Mexican-American people and the influence of U.S. institutions on Chicano life. The course will survey the history, varying philosophies, artistic and literary achievements, sociological and psychological perspectives of Chicanos. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

SOCIOLOGY

SOCIOLOGY G100 - 3 Units
Introduction to Sociology
Recommended for every student interested in human behavior, social interrelationships and group organization, foundations of society, culture, social differentiation and social institutions. UC Credit Limitations: Sociology G100 and G100H combined—maximum credit, one course. Lecture. Optional pass/no pass grade. UC Credit Limitations: Sociology G100 and G100H combined—maximum credit, one course. Transferable to CSU; UC.

SOCIOLOGY G100 HONORS - 3 Units
Introduction to Sociology Honors
Honors students will expand their study to include applications of theory, scientific methodology, and the analysis of social problems. These theories, methodologies and sociological problems will be examined from ethnic and cultural perspectives. In addition, students will apply and critique sociological theories at macro and micro levels to assess current social issues in national and global arenas. Students will design and conduct research encompassing literature review, data gathering, and theory application. UC Credit Limitations: Sociology G100 and G100H combined—maximum credit, one course. Lecture. Letter grade only. UC Credit Limitations: Sociology G100 and G100H combined—maximum credit, one course. Transferable to CSU; UC.
SOCIOLOGY G110 - 3 Units
Introduction to Marriage and the Family
An introduction to the dynamics of marriage patterns, divorce and family life, including an analysis of interpersonal attraction, mate selection, marriage, parenthood, changing male and female roles and patterns of interaction within the family. Completion of Sociology G100 would be beneficial prior to taking this course. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

SOCIOLOGY G133 - 3 Units
Racial and Ethnic Relations in America
(Same as: Social Science G133)
A social profile of major American racial/ethnic groups. A special examination of the problems of minority assimilation into an otherwise open society and culture. Lecture. Letter grade only. Transferable to CSU; UC.

SOCIOLOGY G134 - 3 Units
Introduction to Chicano Studies
(Same as: Social Science G134)
An overview of the Chicano historical experience and of social development in the U.S. The course will survey the Chicano culture, customs, politics, labor conflict, immigration patterns, achievements and contributions to the American Southwest. Lecture. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

SOCIOLOGY G185 - 3 Units
Analysis of Social Problems
(Formerly known as: Sociology G150, Social Trends and Problems)
American social problems, value systems within which problems develop: industrialization, population, crime and delinquency, family, race relations, education, health care, drugs and alcohol and violence. Lecture. Letter grade only. Transferable to CSU; UC.

SPANISH
SPANISH G060 - 3 Units
Practical Spanish, Beginning
This course is designed to introduce the student to the fundamental skills of spoken Spanish. Students will learn correct pronunciation, basic structural patterns and necessary vocabulary in order to ask and answer questions on everyday topics such as the weather, family, telling time and counting, courtesy phrases, description of home, job, pastimes, personal characteristics and other familiar subjects. Lecture. Optional pass/no pass grade.

SPANISH G060 - 3 Units
Practical Spanish, Beginning
This course is designed to introduce the student to the fundamental skills of spoken Spanish. Students will learn correct pronunciation, basic structural patterns and necessary vocabulary in order to ask and answer questions on everyday topics such as the weather, family, telling time and counting, courtesy phrases, description of home, job, pastimes, personal characteristics and other familiar subjects. Lecture. Optional pass/no pass grade.

SPANISH G061 - 3 Units
Practical Spanish, Intermediate
Advisories: Spanish G060
A continuation of Spanish G060. Students will acquire a greater vocabulary, perfect pronunciation and intonation, further their knowledge of necessary structural patterns and practice conversation involving everyday topics. Students will also gain valuable insights into the culture and psychology of Spanish-speaking people. Lecture. Optional pass/no pass grade.

SPANISH G068 - 3 Units
Spanish Health/Medical Personnel
A beginning course in Spanish for medical and health personnel, stressing the acquisition of technical vocabulary and the basic structural concepts for communication in a bilingual environment. Three hours lecture per week. This course may not be offered each semester. Lecture. Optional pass/no pass grade. May not be offered each semester.

SPANISH G160 - 4 Units
Spanish for Spanish Speakers I
(Formerly known as: Spanish G110, Spanish for Native Speaker)
This course emphasizes the reading of elementary prose and drills in basic writing skills, with an introduction to the basic rules of spelling, accentuation and morphology. Instructional time will be devoted to principles of Spanish orthography, vocabulary enrichment and composition. The course will cover the history, culture, and stories of the Latin American and Chicano writers in the U.S. as well as that of the Spanish-speaking world on a regional basis. This course is not open to students who have completed Spanish G180. Four hours lecture a week. This course is equivalent to two years of high school Spanish. UC Credit Limitations: Spanish G110, G180 and G180H combined—maximum credit, one course. Lecture. Optional pass/no pass grade. UC Credit Limitations: Spanish G160, G180 and G180H combined—maximum credit, one course. Transferable to CSU; UC.

SPANISH G165 - 5 Units
Spanish for Spanish Speakers, 2
(Formerly known as: Spanish G112)
Prerequisites: Spanish G160
This course is a continuation of Spanish G160 and extends study for the native Spanish speaker. Work in the class will emphasize analysis of prose and further development of writing skills. This course includes study of Spanish orthography (spelling), and vocabulary enrichment, as well as the culture and literature of Latin America and Spain. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

SPANISH G180 - 5 Units
Elementary Spanish 1
(Formerly known as: Elementary Spanish)
Fundamentals of Spanish grammar. Reading, writing, hearing and speaking simple Spanish. Native speakers are eligible for Spanish G180 only by the permission of the instructor. Five hours lecture a week plus a minimum of one hour laboratory attendance to be arranged by the student with the instructor. This course is equivalent to two years of high school Spanish. UC Credit Limitations: Spanish G110, G180 and G180H combined—maximum credit, one course. Lecture & lab. Optional pass/no pass grade. UC Credit Limitations: Spanish G110, G180 and G180H combined—maximum credit, one course. Transferable to CSU; UC.

SPANISH G180 HONORS - 5 Units
Elementary Spanish 1, Honors
(Formerly known as: Elementary Spanish, Honors)
Honors students will study concepts in Spanish language and culture to a greater depth than is typical in this course. Students will conduct more extensive oral activities, written assignments and examination of various Spanish speaking cultures. Students will also do critical analyses of works of major historical Spanish and Latin American authors. UC Credit Limitations: Spanish G110, G180 and G180H combined—maximum credit, one course. Lecture & lab. Letter grade only. UC Credit Limitations: Spanish G110, G180 and G180H combined—maximum credit, one course. Transferable to CSU; UC.
SPANISH G182 - 2 Units
Elementary Spanish for Teachers
Advisories: Spanish G180
Continuation of Spanish G180. The emphasis of this course is for teachers to practice Spanish in realistic contexts. As in Spanish G180, the focus of this course will be on comprehension, basic oral communication, speaking, reading intermediate material, and writing Spanish correctly. This course may be taken 2 times. Lecture. Letter grade only. Transferable to CSU; UC.

SPANISH G185 - 5 Units
Elementary Spanish 2
(Formerly known as: Elementary Spanish)
Prerequisites: Spanish G180 or 2 years of high school Spanish
Continuation of Spanish G180. The emphasis on this course is on comprehension, basic oral communication, speaking, reading intermediate material, and writing Spanish correctly. UC Credit Limitations: Spanish G185 and G185H combined—maximum credit, one course. Lecture & lab. Optional pass/no pass grade. UC Credit Limitations: Spanish G185 and G185H combined—maximum credit, one course Transferable to CSU; UC.

SPANISH G185 HONORS - 5 Units
Elementary Spanish 2, Honors
(Formerly known as: Elementary Spanish Honors)
Prerequisites: Spanish G180 or 2 years of high school Spanish
Honors students will study concepts in Spanish language and culture to a greater depth than is typical in this course. Continuation of Spanish G180 Honors. UC Credit Limitations: Spanish G185 and G185H combined—maximum credit, one course. Lecture & lab. Letter grade only. UC Credit Limitations: Spanish G185 and G185H combined—maximum credit, one course Transferable to CSU; UC.

SPANISH G199 - 1 - 5 Units
Current Topics and Issues in Spain, Latin America & U.S.A. Through Spanish
Develop skills in using Spanish and/or any official language of the Hispanic world in oral and written form. Study and discussion of topics and issues of current interest in the Hispanic culture - Spain, Latin America and the U.S.A. Units vary according to topics selected and number of meetings scheduled. This course may be taken 4 times. Lecture. Optional pass/no pass grade. One to five lecture hours per week. Course length varies. Transferable to CSU.

SPANISH G280 - 4 Units
Intermediate Spanish 1
(Formerly known as: Intermediate Spanish)
Prerequisites: Spanish G185 or 3 years of high school Spanish
This course includes further study of Spanish grammar and idioms, intensive and extensive reading in contemporary colloquial Spanish, oral exercises and written composition. The admission of native speakers to Spanish G280 will be at the discretion of the instructor. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

SPANISH G285 - 4 Units
Intermediate Spanish 2
(Formerly known as: Intermediate Spanish)
Prerequisites: Spanish G280 or 4 years of high school Spanish
A continuation of Spanish G280, with reading of more difficult literary texts. Increasing stress on spontaneous conversation and free composition. The admission of native speakers to Spanish G285 will be at the discretion of the instructor. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

SPANISH G290 - 3 Units
Mexican Culture and Civilization
Prerequisites: Spanish G285
Conducted in Spanish, this course will survey the art, culture, history and civilization of Mexico dating from the pre-Columbian period to contemporary Mexico. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

SPECIAL EDUCATION

SPECIAL EDUCATION G002 - 0.5-1 Units
Computer Tutor Lab for Reading
This course is designed to provide independent study opportunities for Accessibility Center for Education (ACE) students in the Resource/High Tech Center. This course is a self-paced lab to address individual needs in reading skills. Students must be referred through assessment and/or instructor. Registration is available only through the ACE Office. This course may be taken 4 times. Lab. Pass/no pass only. Not transferable, not degree applicable.

SPECIAL EDUCATION G004 - 0.5-1 Units
Computer Tutor Lab for Language Arts
This course is designed to provide independent study opportunities for Accessibility Center for Education (ACE) students in the Resource/High Tech Center. This course is a self-paced lab to address individualized needs in language arts skills. Students must be referred through assessment and/or instructor. Registration is available through the ACE Office. This course may be taken 4 times. Lab. Pass/no pass only. Not transferable, not degree applicable.

SPECIAL EDUCATION G006 - 0.5-1 Units
Computer Tutor Lab for Math
This course is designed to provide independent study opportunities for Accessibility Center for Education (ACE) students in the Resource/High Tech Center (ACE Lab). This course is a self-paced lab to address individualized needs in math skills. Students must be referred through assessment and/or instructor. Registration is available through the ACE Office. Lab. Pass/no pass only. Not transferable, not degree applicable.

SPECIAL EDUCATION G008 - 0.5-1 Units
Computer Tutor Lab for Living/Working Skills
This course is designed to provide independent study opportunities for Accessibility Center for Education (ACE) students in the Resource/High Tech Center. This course is a self-paced lab to address individualized needs in living and working skills. Students must be referred through assessment and/or instructor. Registration is available through the ACE Office. This course may be taken 4 times. Lab. Pass/no pass only. Not transferable, not degree applicable.

SPECIAL EDUCATION G105 - 3 Units
Implications of Deafness
A course about hearing impairment and its consequences. Areas of study include the physiological, audiological, educational, linguistic, psychological and social aspects of deafness. Especially designed for students in Special Education, Audiology, Speech and Hearing, Interpreting, Vocational Rehabilitation. The course is also for families and relatives of the hearing impaired. Lecture. Optional pass/no pass grade. Transferable to CSU. Offered fall semester only.
THEATER ARTS

THEATER ARTS 4077 - 1.5 Units
Basic Make-up
This course teaches basic techniques of theatrical make-up application. Students will be required to see Golden West College productions. Lecture & lab. Optional pass/no pass grade. An eight week course. May not be offered each semester.

THEATER ARTS 4078 - 1.5 Units
Basic Costume Construction
This course teaches basic costume construction techniques used in theater, television, and film. Study topics will include fabric types, manual and machine sewing techniques, operation of domestic and industrial machines, and wardrobe maintenance for production. Students will work on construction of costumes and wardrobe crew for Golden West College productions. Students are required to see Golden West College productions. Lecture & lab. Optional pass/no pass grade. An eight week course. May not be offered each semester.

THEATER ARTS 4100 - 3 Units
Introduction to the Theater
(Same as: Humanities G132)
A course designed to introduce students to all aspects of theater. This course examines theater history, acting, directing and the technical elements of scenery, lighting, sound, costume and make-up. Lecture, demonstration, and classroom participation will be utilized. Students are required to see college produced plays. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

THEATER ARTS 4101 - 3 Units
Introduction to History and Literature of the Theater
(Same as: Humanities G130)
This course involves the general nature of dramatic presentation including elements of dramatic structure, types of drama, and the contributions of the playwright, actor, director, designer, technician and audience. The course includes an introduction to the important eras in theater history, and a study of several well-known plays. Students are required to attend two (2) college productions. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

THEATER ARTS 4102 - 3 Units
History and Appreciation of the Cinema
(Same as: Humanities G135)
This course is designed for students who want to develop an appreciation for and obtain a perspective on the cinema, including its historical, artistic, cultural and myth-making aspects. Topics will include film genres, filmmaking techniques (e.g. what does a director do? What is editing?), film language, narrative devices, themes, film theory and criticism, film studios and the star system, relationship between film and literature, and other subjects. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

THEATER ARTS 4103 - 1 Unit
Careers in Entertainment
This course prepares the actor and the technician for a career in the entertainment industry, i.e., stage, film and other entertainment venues. Included in the class are guest speakers, resume and portfolio preparation, audition and interview techniques. Students are required to see Golden West College productions. Lecture. Optional pass/no pass grade. An eight week course. Transferable to CSU.

THEATER ARTS 4106 - 3 Units
Acting 1
This course is an introduction to the discipline of acting. Areas of study include basic acting techniques, interaction, characterization and emotion. Students are expected to participate in class exercises and improvisations, prepare memorized scenes and criticize various acting techniques orally and in writing. This course is required for Theater Arts majors. Students are required to attend Golden West College Theater Arts Department productions. Lecture & lab. Letter grade only. Transferable to CSU; UC.

THEATER ARTS 4107 - 3 Units
Acting 2
This course is an intermediate course in acting with special focus on characterization, emotion, movement, vocal techniques, improvisation, audition techniques and scene study. The acting student will work with selected contemporary dramatic and comedic scenes on an intermediate level. Students are required to see Golden West College Theater Arts Department productions. As an activity class this course may be taken 2 times in order to enhance and refine acting skills. Lecture & lab. Letter grade only. Transferable to CSU; UC.

THEATER ARTS 4108 - 3 Units
History and Appreciation of the Musical Theater
(Same as: Humanities G108, Music G108)
This is a course that explores all of the elements which make the Musical Theater one of the premier art forms of the 21st Century. Emphasis will be placed on the history of the musical and on examining the roles of the composer, librettist, lyricist, choreographer, director, performer, designer, and others relative to creating a musical theater production. DVD/video/broadcast television, film and performances will be utilized to enhance the student's knowledge of the subject. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

THEATER ARTS 4110 - 3 Units
Acting for the Camera
(Formerly known as: BVP G152)
This course will teach acting for the camera techniques with emphasis on understanding acting theory. Lectures, demonstrations, and guest speakers will present the camera business industry for actors. Television and film acting techniques will be introduced. Lecture & lab. Letter grade only. Transferable to CSU; UC.

THEATER ARTS 4120 - 3 Units
Appreciation of the Theater
This course will introduce students to the full spectrum of live theatrical plays in performance with emphasis on theater history and the role of the director, designer and actor. This course will enable students to understand, appreciate and evaluate live theatrical plays in performance. This course may be taken 4 times. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

THEATER ARTS 4142 - 1 - 2 Units
Theater Workshop
In this course students participate in workshop or experimental productions. Designed to enrich and extend basic theater background established in the beginning acting and technical classes. Emphasis is placed on the development of the production. Students will be involved in several theater crafts: acting, scenery, costuming, lighting, make-up and publicity. This course may be taken 4 times. Lab. Optional pass/no pass grade. Open entry/open exit. Transferable to CSU; UC.
THEATER ARTS G146 - 2 Units
Broadway and Opera Singing
(Same as: Music G150)
Advisories: Music G060 or G121 or G145. Concurrent enrollment in Music G115, G121, or G41 - G142 recommended for those who do not read music.
This course is a voice class for singers, actors and dancers with previous training. It prepares for solo and ensemble singing by improving breathing, vocal tone, range, agility, volume, diction, health, expression and self-confidence. Students sing songs and arias from musical theatre and/or opera, memorized from printed music. One hour daily practice and a written review of an approved musical or opera production are required. A pianist accompanies the classes. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

THEATER ARTS G150 - 1 Unit
Acting Workshop
The preparation of monologues and scenes for class and public presentation. Stressed in the course are the fundamentals of acting skills, such as interaction, memorization, concentration, characterization and the projection of voice. Students will also study effective movement for the stage. Hours arranged for rehearsal and performance of projects. Students are required to attend Golden West College productions. Lecture & lab. Optional pass/no pass grade. An eight-week course. Transferable to CSU; UC.

THEATER ARTS G151 - 2 Units
Acting Workshop
The preparation of monologues and scenes for class and public presentation. Stressed in the course are the fundamentals of acting skills, such as interaction, memorization, concentration, characterization and the projection of voice. Students will also study effective movement for the stage. Hours arranged for rehearsal and performance of projects. Students are required to attend college productions. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

THEATER ARTS G160 - 3 Units
Introduction to Stage Direction
This course introduces the student to the directing process for the stage. Included are units of study in the use of the stage, play selection and analysis, casting the play, blocking the action, picturization, character development, rhythm, and the organization of the rehearsal process. This course may be taken 4 times. Lecture & lab. Letter grade only. Transferable to CSU; UC.

THEATER ARTS G161 - 3 Units
Stage Management
This course teaches students processes and techniques to manage the preparation, rehearsal, and performance of theatrical productions. Basic skills to be introduced include blocking notation, production book assembly, and communication protocols applied in the theatrical production process. Stage management as a profession will be studied. Students are required to see college productions. Lecture. Optional pass/no pass grade. Transferable to CSU.

THEATER ARTS G170 - 1 Unit
Stage Crew Activity
This course provides student participation in the technical preparation and operation of productions presented to the community. The student will be involved in one or more of the following areas of concentration: stage scenery building and painting, stage lighting, make-up, costumes, publicity, house management and acting. Assignments will be given to the student upon enrollment in the course. This course may be taken 4 times. Open entry/open exit. Lab. Optional pass/no pass grade. Open entry/open exit. Transferable to CSU; UC.

THEATER ARTS G171 - 1 - 2 Units
Play Production
This course is participation in the preparation and operation of productions presented to the community. The student will be involved in one or more of the following areas of concentration: stage scenery building and painting, stage lighting, make-up, costumes, publicity, house management and acting. Assignments will be given to the student upon enrollment in the course. All students will pass production. Strongly recommended for theater majors. This course may be taken 4 times. Open entry/open exit. Lab. Optional pass/no pass grade. Transferable to CSU; UC.

THEATER ARTS G172 - 1 - 2 Units
Classical Play Production
This course provides an overview of the preparation and operation of productions of classical plays presented to the community. The student will explore social and moral attitudes and customs of historical periods in preparation for production. Productions will be selected from Greek, Roman, Elizabethan, and 16th through 19th century plays. The student will be introduced to the following areas of concentration: stage scenery building and painting, stage lighting, make-up, costumes, publicity, house management and acting. Actors will be selected through audition and all others will identify a preference for production assignments. This course is strongly recommended for theater majors. This course may be taken 4 times. Lab. Optional pass/no pass grade. Open entry/open exit. Transferable to CSU; UC.

THEATER ARTS G175 - 3 Units
Stage Scenery
A study of the theater crafts including scenery, construction, properties, stage management and organization. A survey study of the theater design arts: scenery design, set construction and scene painting. The course will include the study of the historical development and major trends of stagecrafts. The student will be expected to prepare a practical scene design project. Required for students planning to transfer to California State University, Long Beach and Fullerton. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC. May not be offered each semester.

THEATER ARTS G176 - 3 Units
Stage Lighting
This course is an introductory course in which the student will study the theories and technology of lighting for stage, film and television. This course includes practical applications of basic electronics, color, projections, maintenance of lighting equipment and lighting design. Students may participate in the lighting of college productions and are required to attend GWC theatrical productions. This course is recommended for students interested in theater, television and film and for students planning to transfer. This course may be taken four times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

THEATER ARTS G177 - 3 Units
Make-up
This course is a practical introduction to the techniques of applying theatrical make-up. Recommended for students of drama interested in gaining a better understanding of the proper uses of theatrical make-up. Required for students planning to transfer to California State University, Long Beach, Fullerton or Dominguez Hills. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.
THEATER ARTS G178 - 3 Units  
Costume Crafts  
This course is an introduction to costuming for the theater, television and film. Topics included: fabrics, sewing, wardrobe observations, color coordination, script analysis and basic drawing. Students will participate in the design and construction of costumes for Golden West College productions and will work on the production wardrobe crew. This course is required for students planning to transfer to California State University, Long Beach and Fullerton. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

THEATER ARTS G179 - 3 Units  
Theater Sound Technology  
This course covers an introduction to basic sound design theory and technology, sound reinforcement techniques, and sound operations used in the performing arts. Students are required to attend Golden West College productions. This course may be taken four times. Lecture & lab. Optional pass/no pass grade. Transferable to CSU.

THEATER ARTS G188 - 3 Units  
Stage Movement  
(Formerly known as: Body Movement for the Actor)  
This course explores movement as an actor's tool to aid in the acting process and to enhance the actor's physical ability to communicate on stage. Emphasis is on the integration of verbal and non-verbal forms of communication focusing on basic movement skills, physical awareness, strength, flexibility, relaxation, control, movement improvisation and stage combat. This course may be taken four times. Lecture & lab. Letter grade only. Transferable to CSU; UC. May not be offered each semester.

THEATER ARTS G206 - 3 Units  
Acting 3  
(Formerly known as: Acting III - Scene Study)  
This course teaches advanced stage techniques based on the study of selected dramatic scenes. Areas of concentration include projection, voice and diction, rhythm and styles of acting. Lecture & lab. Letter grade only. Transferable to CSU; UC. May not be offered each semester.

THEATER ARTS G207 - 3 Units  
Acting 4  
(Formerly known as: Acting IV - Classical Styles)  
This course teaches advanced acting techniques with an emphasis on historical literature. Periods of acting styles will include Classical Greek and Roman, Elizabethan, Restoration, and Commedia dell'Arte. Emphasis will be given to diction, stage movement, vocal projection, and the application to historic dramatic literature. Students are required to see Golden West College productions. Lecture & lab. Letter grade only. Transferable to CSU; UC. May not be offered each semester.

THEATER ARTS G210 - 2 Units  
Musical Theater Workshop  
(Same as: Music G210)  
This course requires participation in musical theater presentations such as musical comedy, musical drama, musical revues, operetta or opera at Golden West College. It will include study in acting, singing, dancing, musicianship, scenery, lighting, sound, costume and make-up. This course may be taken four times. Open entry/open exit. Lab. Optional pass/no pass grade. Open entry/open exit. Transferable to CSU; UC.

THEATER ARTS G821 - 0 Units  
Appreciation of Theater  
This course is designed to expose older adults to the full spectrum of plays in performance in southern California. The student will actively participate in the theater experience by attending professional productions. Follow-up discussions will provide social interaction with other students in their age group. Contributing to life-long learning, the course will enable older students in different stages of life to understand, appreciate, and evaluate plays in performance. Lecture & lab. No credit. Not transferable, not degree applicable.

TUTORING SKILLS  
TUTORING SKILLS G020 - 0.5 Units  
Basics of Tutoring  
Prerequisites: Permission of the instructor.  
This course will provide the tutor with supervised practice in conducting individualized and small-group tutoring sessions with Golden West College students. Lab. Pass/no pass only.

TUTORING SKILLS G107 - 1 Unit  
Introduction to Tutoring  
Prerequisites: Permission of the Instructor upon being hired as a tutor in the Tutorial and Learning Center.  
This course teaches the essential skills necessary to effectively tutor students and fulfills state guidelines for community college tutor training. Guidelines are provided to teach tutors to: determine learning needs; to set short term goals; and to select and sequence activities to best accomplish those goals. This course includes lectures and supervised practice in conducting individual and/or small group tutoring sessions. Tutors also share their experiences in group discussions. Lecture & lab. Pass/no pass only. Transferable to CSU.

TUTORING SKILLS G111 - 0.5 Units  
The Tutoring Process  
Prerequisites: Permission of the Instructor  
Advisories: Tutoring Skills G107  
This course focuses on the intermediate skills of communication needed to tutor effectively and methods of evaluating tutor performance. The tutor is provided with the means to analyze their own communication patterns and tutoring techniques. Lecture. Pass/no pass only. Individualized class equivalent to nine hours. Transferable to CSU.
| COURSES |

## VIETNAMESE

**VIETNAMESE G600 - 3 Units**

**Practical Vietnamese, Beginning**

This course is designed to introduce the student to the fundamental skills of spoken Vietnamese. Students will learn correct pronunciation, basic structural patterns and necessary vocabulary in order to carry on simple conversations. Lecture. Optional pass/no pass grade.

**VIETNAMESE G180 - 5 Units**

**Elementary Vietnamese 1**

(Formerly known as: Elementary Vietnamese)

This course is designed to introduce the student to the fundamental skills of spoken and written Vietnamese. Students will learn correct pronunciation, basic structural patterns, and necessary vocabulary in order to write and understand basic sentences and carry on simple conversations. This course is equivalent to two years of high school Vietnamese. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

**VIETNAMESE G185 - 5 Units**

**Elementary Vietnamese 2**

(Formerly known as: Elementary Vietnamese)

Prerequisites: Vietnamese G180

This course is designed to further develop the fundamental skills of spoken and written Vietnamese. Students will learn correct pronunciation, basic structural patterns, and necessary vocabulary in order to write and understand basic sentences and carry on simple conversations. Lab assignments will enhance the students' pronunciation and understanding. A minimum of one-hour laboratory attendance will be arranged by the student with the instructor. Fundamental aspects of Vietnamese culture will be addressed. Lecture & lab. Optional pass/no pass grade. Transferable to CSU; UC.

**VIETNAMESE G280 - 4 Units**

**Intermediate Vietnamese 1**

(Formerly known as: Intermediate Vietnamese)

Prerequisites: Vietnamese G185

A Vietnamese language course designed for students with essential basic skills in Vietnamese. These basic skills will be reviewed. The course will provide for further development of vocabulary, introduce idiomatic expressions and practice writing paragraphs in standard Vietnamese. Cultural reading will include Vietnamese history, literature and current affairs. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

**VIETNAMESE G285 - 4 Units**

**Intermediate Vietnamese 2**

(Formerly known as: Intermediate Vietnamese)

Prerequisites: Vietnamese G280

A course in Vietnamese language with initial intermediate skills of the language. Writing of short compositions and further study of idiomatic terms. Further reading of Vietnamese literature, history and general aspects of culture. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.

**VIETNAMESE G290 - 3 Units**

**Vietnamese Culture/Civilization**

Prerequisites: Vietnamese G285

In addition to further study of the Vietnamese language, this course will survey the art, culture, history and civilization of Vietnam from prehistory to post 1975 Vietnam. This course is conducted in Vietnamese. Lecture. Optional pass/no pass grade. Transferable to CSU; UC.