

Announcement of Courses

Course Descriptions and Numbering

All courses are listed alphabetically.

Not all courses listed in this catalog may be offered during the academic year.

Unit of credit or semester unit is a measure of time and study devoted to a course.

Hours for courses are listed as hours that the student will spend in class per week for the semester. Total hours spent in a class are listed for courses that are less than a semester in length. These hours may be lecture, laboratory, discussion, field study, studio, activity, or clinical.

Course Grading

The following course grading is found in the course description following the title of the course:

LG: Letter grade only

C/NC: Credit or No Credit grades only LG-C/NC:

Letter Grade or Credit/No Credit grades

Course Repetition

A student may repeat a course only under the following conditions:

1. the student's prior evaluative grade in the course is a "D", "F", or "NC"; or the student withdrew from the course and received a "W"; or
2. the College Catalog and Schedule of Classes designate the course as a repeatable course and the number of times it may be repeated; or
3. the student receives prior written permission from the Academic Council when the student can demonstrate that the course must be repeated in order to make progress toward employment, graduation, certification, or transfer and a significant length of time has elapsed since the completion of the course.

Course Numbers

The college has adopted the following numbering system effective Fall 2005:

1-99 BS/BA Level

Courses numbered 1 through 99 are baccalaureate level courses, carrying lower division baccalaureate level credit at four-year colleges and universities. Not all courses numbered 1-99 are transferable to UC. Check the MPC Catalog description for transferability. "Baccalaureate applicable" courses in the 1 through 99 series meet the following criteria:

1. The course is parallel to one offered at a California State University or University of California campus and/or has been accepted as satisfying a general education requirement as indicated by the approved CSU-GE List (California State University General Education List) or the IGETC (Intersegmental General Education Transfer Curriculum).

2. The course has procedural rigor to meet the critical thinking and/or computational levels required for baccalaureate level courses.

Courses in this series are also associate degree applicable.

100-299 Associate Degree

Courses numbered 100 through 299 are associate degree level courses. They are generally, but not exclusively, occupational in nature. Courses numbered 100-199 may transfer at the discretion of the receiving institution.

If a student takes both ENGL 111 and 112 OR both ENSL 110 and 155, only one of the courses may be applied toward the associate degree.

300-399 Credit, Non-associate

Courses numbered 300 through 399 are intended as developmental courses in reading, writing, mathematics, study and learning skills. They may not be used to fulfill any degree requirements.

400-499 Non-credit

Courses numbered 400 through 499 are courses for which no credit is awarded.

SUPPLEMENTAL CATALOG

FALL 2009

(This catalog reflects new courses and course revisions adopted since the 2009-2011 catalog was published)

AMERICAN SIGN LANGUAGE

SIGN 1B ELEMENTARY AMERICAN SIGN LANGUAGE II

5 units • LG-P/NP • Four hours lecture; two hours lab

A continuation of SIGN 1A, this course provides students with further instruction in the systematic introduction to receptive and expressive language skills used in American Sign Language and to the culture of the Deaf community. Individualized work in the World Languages Lab is required.

Prerequisites: SIGN 1A

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area C2; IGETC, Area 6A; MPC, Area C

ANTHROPOLOGY

ANTH 4 INTRODUCTION TO CULTURAL ANTHROPOLOGY

3 units • LG-P/NP • Three hours lecture

This course examines the field of cultural anthropology, emphasizing methods and practices, theoretical perspectives, and the significance of ethnographic fieldwork. This course equips the student with a better understanding of cross-cultural ways of life, both past and present, in this time of globalization.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area D1; IGETC, Area 4A; MPC, Area D

ANTH 6 INTRODUCTION TO ARCHAEOLOGY AND PREHISTORY

3 units • LG-P/NP • Three hours lecture

This course examines the field of archaeology emphasizing theoretical perspectives and the significance of archaeological methods, techniques and procedures. This course explores archaeology and world prehistory by investigating evidence of our earliest origins to the establishment of agricultural civilizations.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area D1; IGETC, Area 4A; MPC, Area D

ANTH 21 ANCIENT CIVILIZATIONS OF MESOAMERICA

3 units • LG-P/NP • Three hours lecture

This course traces the development, form and history of pre-Columbian Mesoamerican civilization, surveying the achievements of the Maya, the Aztec, and their neighbors. Also offered as Ethnic Studies 21; credit may be earned only once.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area D1; IGETC, Area 4A, 4C; MPC, Area D

AUTOMOTIVE TECHNOLOGY

AUTO 104 AUTOMOTIVE ELECTRICS

4.5 units • LG-P/NP • Three hours lecture; five hours lab

This course covers automotive electrical systems, including functions of charging, starting, accessory, lighting, and battery circuits. Topics include instrumentation, diagnosis, and repair.

COMPUTER SCIENCE AND INFORMATION SYSTEMS

CSIS 10A COMPUTER SCIENCE: BEGINNING PROGRAMMING

4 units • LG-P/NP • Four hours lecture; one hour lab

This project-based course provides extensive programming experience in Java. Content includes principles of algorithm design, representation of data, objects and classes, simple data structures, effective programming style, and use of a debugger. Students are assumed to have had prior programming experience such as is covered in CSIS 1.

Advisories: CSIS 1; MATH 263; eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU, UC

General Ed. Credit: MPC, Area A2

CSIS 10B COMPUTER SCIENCE: ADVANCED PROGRAMMING

4 units • LG-P/NP • Four hours lecture; one hour lab

Students gain further experience in software design by developing and using common data structures in an object-oriented environment. Coverage includes dynamic memory, strings, linked lists, stacks, queues, trees, sorting, searching and hashing. This course is currently taught in C++ with a Microsoft/Unix OS option.

Prerequisites: CSIS 10A

Advisories: MATH 40; eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU, UC

DENTAL ASSISTING

DNTL 115 DENTAL SPECIALTIES

1.5 units • LG • One hour lecture; two and one-half hours lab

Covered in this course is the study of dental specialties: Orthodontics, oral and maxillofacial surgery, pediatric dentistry, periodontics, endodontics, prosthodontics, and the associated assisting functions. Duties associated with specialty dentistry and delegated to the dental assistant and registered dental assistant in the California Dental Practice Act are taught to a level of competence. The importance of legal/ethical issues is addressed throughout the course.

Prerequisites: DNTL 100, 102, 103, 104

Prerequisites or corequisites: DNTL 107, 108

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

ENGINEERING

ENGR 12 ENGINEERING CIRCUITS

3 units • LG • Three hours lecture; one hour problem

This course introduces DC and sinusoidal circuit analysis as applied to resistive, capacitive, and inductive circuits, op-amps, transformers and balanced three-phase circuits. Topics include Thevenin and Norton circuit theorems, superposition, complex phasors and power, frequency response, resonance, and associated calculations.

Prerequisites: PHYS 3B

Prerequisites or corequisites: ENGR 12L, MATH 32

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU, UC

ENGR 12L ENGINEERING CIRCUITS LABORATORY

1 unit • LG-P/NP • Three hours laboratory

Students build, measure, analyze, and model standard electronics circuits while verifying theoretical circuit principles. Hands-on labs start with basic circuit patterns and culminate with applications of active filters, magnetic circuits and balanced 3-phase power. Use of standard electronics instrumentation and circuit modeling (PSPICE) and analysis (MATLAB, MathCAD) tools is also covered.

Advisories: Eligibility for ENGL 1A; ENGR 12

Credit transferable: CSU

ENGR 17 TECHNICAL COMPUTING WITH MATLAB

3 units • LG-P/NP • Three hours lecture; one hour lab

This course introduces technical computing using the MATLAB environment. Topics include programming techniques, data visualization, numerical problem solving, symbolic manipulation, and simulation. Representative examples are drawn from mathematics, science, and engineering.

Prerequisites or corequisites: MATH 18 or 20A

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU

ENGLISH

ENGL 11 LITERATURE BY AND ABOUT WOMEN

3 units • LG-P/NP • Three hours lecture

This course covers American, British and international literary works by and about women, including poetry, fiction, autobiography, drama and non-fiction prose. It will introduce students to literary analysis, interpretation and understanding. The course focuses on literary trends, style, and issues of race, class, ethnicity, and cultural identity and provides students with opportunities to explore individual writers in depth. Also offered as Women's Studies 11; credit may be earned only once.

Prerequisites: Eligibility for ENGL 1A

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area C2; IGETC, Area 3B; MPC, Area C

ENGL 40 AMERICAN LITERATURE

3 units • LG-P/NP • Three hours lecture

This course offers a comprehensive survey of American prose and poetry from the seventeenth century to the present, emphasizing Euro-American, Native American, African-American, Latino/Latina, and Asian-American literary traditions and contributions. Satisfies intercultural studies requirement for the associate degree at MPC. Also offered online.

Prerequisites: ENGL 1A

Advisories: ENGL 1B

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area C2; IGETC, Area 3B; MPC, Area C, F

ETHNIC STUDIES

ETNC 21 ANCIENT CIVILIZATIONS OF MESOAMERICA

3 units • LG-P/NP • Three hours lecture

This course traces the development, form and history of pre-Columbian Mesoamerican civilization, surveying the achievements of the Maya, the Aztec, and their neighbors. Also offered as Anthropology 21; credit may be earned only once.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area DI; IGETC, Area 4A, 4C; MPC, Area D

ETNC 24 AFRICAN AMERICAN IN UNITED STATES HISTORY TO 1865

3 units • LG-P/NP • Three hours lecture

This course offers an introduction to the role of African Americans in the development of the United States from the country's beginnings until 1865. Emphasis is placed on their historical and cultural contributions to life in the United States as well as their socioeconomic and sociopolitical status. Also offered as History 24; credit may be earned only once.

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU

ETNC 25 AFRICAN AMERICAN IN UNITED STATES HISTORY SINCE 1865

3 units • LG-P/NP • Three hours lecture

This course offers an introduction to the role of African Americans in the development of the United States from 1865 to present. Emphasis is placed on their historical and cultural contributions to life in the United States as well as their socioeconomic and sociopolitical status. Also offered as History 25; credit may be earned only once.

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU

ETNC 45 INTRODUCTION TO AMERICAN DIALECTS

3 units • LG-P/NP • Three hours lecture

This course focuses on African-American and Latino English dialects found in the U.S. today. It examines their origin, syntax, phonology and lexicon. The relationship of dialect to education and the language user's role in society are also discussed. Also offered as Linguistics 45; credit may be earned only once. Also offered online.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU

HISTORY

HIST 24 AFRICAN AMERICAN IN UNITED STATES HISTORY TO 1865

3 units • LG-P/NP • Three hours lecture

This course offers an introduction to the role of African Americans in the development of the United States from the country's beginnings until 1865. Emphasis is placed on their historical and cultural contributions to life in the United States as well as their socioeconomic and sociopolitical status. Also offered as Ethnic Studies 24; credit may be earned only once.

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU

HIST 25 AFRICAN AMERICAN IN UNITED STATES HISTORY SINCE 1865

3 units • LG-P/NP • Three hours lecture

This course offers an introduction to the role of African Americans in the development of the United States from 1865 to present. Emphasis is placed on their historical and cultural contributions to life in the United States as well as their socioeconomic and sociopolitical status. Also offered as Ethnic Studies 25; credit may be earned only once.

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU

HOSPITALITY

HOSP 57 TRENDS IN HOSPITALITY SALES AND MARKETING

1.5 units • LG-P/NP • One and one-half hours lecture

This course offers a study of key hospitality sales and marketing methodologies and best practices such as pricing techniques, revenue maximization, social networking, sustainability, strategic planning, green marketing and global hospitality industry trends.

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU

HOSP 68 INTRODUCTION TO ECOTOURISM

3 units • LG-P/NP • Three hours lecture

Students learning the principles of responsible travel to natural areas that conserve the environment and improve the well-being of local people. This class explores the principles of ecotourism and sustainable travel. Students learn about successful case studies as well as opportunities for utilizing ecotourism as a means of conservation and economic improvement in the local community.

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU

INTERIOR DESIGN

INTD 61 RENDERING AND PERSPECTIVE

1.5 units • LG-P/NP • One hour lecture; two hours lab

This is a primer course in rendering and quick-sketch perspective drawing skills for the student of interior design. The course explores the various mediums and techniques available for rendering and how to apply them to perspective drawings. Techniques graphically express design concepts such as freehand or quick-sketch drawing, building on basic drafting perspective needs for the interior designer, and the rendering techniques and tools to enhance study models and presentations are addressed.

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU

LAW ENFORCEMENT TRAINING PROGRAM

LETP 140 PC 832 LAWS OF ARREST

1 unit • LG • Total hours: Seventeen hours lecture; twenty-three hours lab

This course is certified by the Commission on Peace Officer Standards and Training (POST) and meets the content and hour requirements established by POST. Students learn professional orientation, laws of arrest, search, seizure, evidence, preliminary investigations, communications and arrest techniques. This course satisfies PC 832 requirements for entry level but does not include the firearms portion. (POST-certified)

LETP 145C POST BASIC ACADEMY I

13 units • LG • Total hours: Sixty-eight hours lecture; four hundred sixty-eight hours lab

This 536-hour course is certified by the Commission on Peace Officer Standards and Training (POST) and meets the content and hour requirements established by POST for Level I Reserve Peace Officers. This course, combined with Level III and Level II certificates, meets the regular basic academy requirements.

Prerequisites: LETP 145A and LETP 145B; successful completion of POST Level I course entry requirements; POST entry reading and writing exam; Academy physical agility test; medical insurance, valid California driver's license; medical exam clearance by a licensed physician; DOJ clearance per Penal Code section 13511.5

LETP 146 BASIC POLICE REQUALIFICATION COURSE

3 units • LG • Total hours: Twenty hours lecture; one hundred sixteen hours lab

This 136-hour course is certified by the Commission on Peace Officer Standards and Training (POST) guidelines for Regular Basic Course requalification requirements. This course is required for individuals who have successfully completed the Regular Basic Course (e.g., Basic Course, Basic Academy Module or the State Investigators Basic course) and have not been hired or have experienced a three-year break in service. This course is also required for applicants who are seeking appointment or reappointment and meet the minimum criteria as determined by POST to enter the course (out-of-state applicants).

LETP 180 CITIZEN'S ACADEMY

.5-1 unit • P/NP • Thirty-two to fifty hours lab

This course is designed to provide instruction on police department organization and structure, recruitment, selection, and training. Students are provided insight into traffic enforcement, the use of force and firearms, citizen's complaint procedure, women in law enforcement, field training officer programs, records/jail, the District Attorney's office, investigation, and hostage negotiations.

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

LETP 245 FIELD TRAINING PROGRAM

6-13 units • P/NP • Total hours: Three hundred thirty to six hundred eighty-seven hours lab

This variable-hour practicum course introduces employees to the job requirements of the law enforcement officer including legal aspects, procedures, policies and agency protocols. The course provides necessary training, supervision and performance assessment of a California law enforcement officer-trainee including legal standards, community expectations, agency protocols, and calls for service. The law enforcement officer-trainee is supervised by an approved field training officer or designated supervisor throughout the duration of the course. This course meets minimum certification standards required by the California Commission on Peace Officer Standards and Training (POST) and is mandated for all California peace officers according to POST regulation. For non-POST agencies, the course may be certified as determined by the agency.

LETP 260 BACKGROUND INVESTIGATOR

.5 unit • P/NP • Total hours: Twelve hours lecture; twenty-four hours lab

This is a Peace Officer Standards and Training (POST)-certified course designed to provide students with the skills to be accomplished in background investigations. Students study the fundamentals of background investigation, interviewing, the use of psychological screening, polygraphs, legal aspects of background investigation, and verbal/non-verbal communication. (POST-certified)

LETP 275 CORRECTIONAL OFFICER CORE TRAINING

5-10 units • P/NP • Total hours: Thirty-four to sixty-eight hours lecture; one hundred fifty-three to three hundred six hours lab

This variable-hour course is designed to meet the California Corrections Standard Authority (CSA) requirements for entry-level training of correctional officers for adult institutions. The course includes lecture and practical application skills and knowledge including roles and responsibilities of the adult corrections officer, Title 15, Title 24, professionalism and ethics, and proper techniques to maintain the safety and security of inmates.

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

LETP 276 JAIL TRAINING PRACTICUM

2-27 units • P/NP • One to nine hours lecture; three to fifty-four hours lab

This variable-hour practicum course introduces students to the requirements of the Correctional Officer including procedures, policies and standards of the agency. The course provides necessary training and assessment on specific job-related expectations such as daily duties, agency protocols and personnel requirements. The employee is supervised by an approved training officer throughout the duration of the course. This course meets certification standards of the California Standards Authority (CSA) under Standards and Training for Corrections (STC) and may be certified as determined by the agency.

Prerequisite: LETP 275 or equivalent

LETP 280.3 FIELD TRAINING OFFICER UPDATE

.5 unit • P/NP • Total hours: Eight hours lecture; sixteen hours lab

This 24-hour course is designed for peace officers who are serving as Field Training Officers in their respective agencies. The course examines state-mandated update training required by the Commission of Peace Officer Standards and Training (POST). Areas of study include role and responsibility of the FTO, legislative and training updates, principles of learning, and standards of documentation. This course satisfies the state requirements for triennial certification of the FTO according to POST.

Prerequisite: LETP 280.2

LIBRARY SERVICES

LIBR 60 FAMILY RESEARCH STUDIES: GENEALOGY I

3 units • LG-P/NP • Three hours lecture

Students are introduced to family history research methods and sources (1850-present), including basic Internet and library sources as well as research methodologies for locating ancestors. Students are taught fundamental organization skills for preserving family materials by assembling a family history archival notebook using a genealogy computer program. Basic knowledge of computers and the Internet is recommended. Also offered online.

Credit transferable: CSU

General Ed. Credit: MPC, Area E2

LINGUISTICS

LING 45 INTRODUCTION TO AMERICAN DIALECTS

3 units • LG-P/NP • Three hours lecture

This course focuses on African-American and Latino English dialects found in the U.S. today. It examines their origin, syntax, phonology and lexicon. The relationship of dialect to education and the language user's role in society are also discussed. Also offered as Ethnic Studies 45; credit may be earned only once. Also offered online.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU

LING 50 INTRODUCTION TO STANDARD AMERICAN ENGLISH

3 units • LG-P/NP • Three hours lecture

This course presents the spoken and written English used by business, the media, and schools in the U.S. today. This course is designed for native speakers of other English dialects, native speakers of other languages, and those wishing to become more fluent with this mainstream form of English to increase their educational and employment success.

Credit transferable: CSU

MATHEMATICS

MATH 10 MATHEMATICS FOR GENERAL EDUCATION

3 units • LG • Four hours lecture

This course offers a historical study of elementary mathematics and discussion of philosophic differences of ancient and modern mathematics. Topics from modern mathematics, such as set theory, symbolic logic, modular systems and the axioms of various number systems will be covered.

Prerequisites: Qualifying math assessment score; or MATH 263; or an equivalent course from an accredited college

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area B4; IGETC, Area 2A; MPC, Area A2

MATH 13 PRE-CALCULUS

4 units • LG • Five hours lecture

This course reviews polynomial, exponential, and logarithmic functions; trigonometric functions; theory of equations; binomial theorem; conic sections; inverse functions; and trigonometric equations. Additional topics from coordinate geometry and DeMoivre's Theorem are covered.

Prerequisites: Qualifying math assessment score; or MATH 263; or an equivalent course from an accredited college

Advisories: MATH 262; eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area B4; IGETC, Area 2A; MPC, Area A2

MATH 16 ELEMENTARY STATISTICS

3 units • LG-P/NP • Four hours lecture

This course covers elementary probability, descriptive measures, measures of central tendency, dispersion and correlation, statistical inference, tests of hypotheses using z, t, Chi-square and F distributions. Examples are drawn from applications in the social sciences, biological sciences and business. This course includes a computer component. Calculations will be done with the aid of a desktop computer or with a handheld computer/calculator having built-in functions. Also offered online.

Prerequisites: Qualifying math assessment score; or MATH 263; or an equivalent course from an accredited college

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area B4; IGETC, Area 2A; MPC, Area A2

MATH 17 FINITE MATHEMATICS

3 units • LG • Four hours lecture

This course is suitable for students of mathematics, philosophy, biological and behavioral sciences, business and economics. Topics include selections from symbolic logic, sets, linear programming, probability theory, statistics and game theory, with selected applications from business, social sciences, biological science and behavioral science.

Prerequisites: Qualifying math assessment score; or MATH 263; or an equivalent course from an accredited college

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area B4; IGETC, Area 2A; MPC, Area A2

MATH 18 CALCULUS AND ANALYTIC GEOMETRY FOR BIOLOGY/SOCIAL SCIENCE/BUSINESS

4 units • LG • Five hours lecture

This course covers functions, graphs, limits, derivatives, differentiation techniques, and applications of the derivative, exponential and logarithmic functions; integration and applications of the integral; functions of several variables; and partial derivatives. The course is designed for students in biology, social sciences and business. This course is not a substitute for MATH 20A.

Prerequisites: Qualifying math assessment score; or MATH 263; or an equivalent course from an accredited college

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area B4; IGETC, Area 2A; MPC, Area A2

MATH 20A CALCULUS WITH ANALYTIC GEOMETRY I

4 units • LG • Five hours lecture

This course covers elementary analytic geometry, functions (including trigonometric functions), limits, continuity, derivatives, curve sketching and other applications of the derivative, integration and applications of integration.

Prerequisites: Qualifying math assessment score; or MATH 13; or an equivalent course from an accredited college

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area B4; IGETC, Area 2A; MPC, Area A2

MATH 113 PREPARATION FOR CALCULUS I

1 unit • P/NP • One hour lecture

This course is designed for students who have taken a precalculus-level course and want to improve their understanding of the topics covered in that course. This course prepares students for calculus by providing a personalized online review of the prerequisite topics. Only offered online.

MATH 271 PREPARATION FOR INTERMEDIATE ALGEBRA

1 unit • P/NP • One hour lecture

This course is designed for students who have taken an elementary algebra-level course and want to improve their understanding of the topics covered in that course. This course prepares students for intermediate algebra by providing a personalized online review of the prerequisite topics. Only offered online.

MATH 273 PREPARATION FOR PRECALCULUS

1 unit • P/NP • One hour lecture

This course is designed for students who have taken an intermediate algebra-level course and want to improve their understanding of the topics covered in that course. This course prepares students for precalculus by providing a personalized online review of the prerequisite topics. Only offered online.

MATH 381 PREPARATION FOR ELEMENTARY ALGEBRA

1 unit • P/NP • One hour lecture

This course is designed for students who have taken a prealgebra-level course and want to improve their understanding of the topics covered in that course. This course prepares students for intermediate algebra by providing a personalized online review of the prerequisite topics. Only offered online.

NURSING

NURS 100 PHARMACOLOGY FOR NURSING

2 units • LG • One and one-half hours lecture; one and one-half hours lab

This course introduces students to the nurse's role in drug therapy, characteristics of drug classifications, calculation of pharmacological dosages, and preparation of medications for administration.

Prerequisites: PHSO 1 and 2

Advisories: CHEM 30A

NURS 180 PROFESSIONAL SKILLS DEVELOPMENT

1 unit • P/NP • Three hours lab

Nursing students are provided the opportunity to develop and apply leadership skills through activities associated with the California Nursing Students Association. Included are identification of nursing-related professional issues and problems. Students will plan projects and activities for resolution of these issues. May be taken four times for credit.

NURS 181 ADVANCED PROFESSIONAL SKILL DEVELOPMENT

1 unit • P/NP • Three hours lab

Advanced nursing students are provided the opportunity to further refine and develop leadership skills and professionalism through activities associated with the California Nursing Students Association. Students identify important professional issues and plan strategies to enhance public awareness and work toward resolution of these issues. May be taken four times for credit for ongoing training or updating.

NURS 201 PREPARATION FOR REGISTERED NURSE LICENSURE EXAM

2 units • P/NP • Total hours: Thirty-four hours lecture

This course provides an overview of content required by the California State Board of Registered Nursing for Registered Nurse (RN) licensure. It is designed as a review for the National Council Licensure Exam for Registered Nursing (NCLEX-RN). Topics include test-taking strategies.

NURS 252 PHYSICAL ASSESSMENT

1 unit • LG-P/NP • Total Hours: Eight hours lecture, twenty-four hours lab

Students develop skill in systematic physical assessment of clients, including history taking and head-to-toe examination. The focus is on identification of normal and abnormal variations in clients of all ages, genders and ethnic backgrounds, enhancing the beginning practitioner's acute care assessment skills, or refining skills for practitioners with experience. Provides sixteen contact hours for California RN license renewal, provider number 00184. May be taken four times for credit for ongoing training or updating.

NURS 267 INTERPRETATION OF 12 LEAD ECG

.5 unit • LG • Total hours: Eight and one-half hours lecture

This course is designed for healthcare professionals who have basic ECG interpretation skills. It provides more advanced skill in interpreting abnormal heart rhythms, including bundle branch blocks, hemiblocks, complex syndromes and myocardial infarctions. Provides seven CEUs for California RN license renewal, provider number 00184. May be taken four times for credit for ongoing training or updating.

Advisories: NURS 264

NURS 267A CRITICAL CARE NURSING

6 units • P/NP • Total hours: Fifty-one hours lecture; one hundred fifty-three hours lab

This course is designed to prepare registered nurses to work in critical care settings such as ICU, CCU, and emergency departments. It includes theory, skills, and clinical practice in advanced pathophysiology, assessment of the critically ill client, prioritization, interventions, and evaluation of care. CEUs provided for CA RN licensure renewal, provider number 00184. May be taken four times with different topics.

Advisories: NURS 264

PSYCHOLOGY

PSYC 1 GENERAL PSYCHOLOGY

3 units • LG-P/NP • Three hours lecture

This course provides a scientific understanding of the principles of general psychology. Special attention is given to the topics of scientific methodology, growth and development, social influences on behavior, intelligence, motivation, emotion, learning, perception, conflicts and mental health.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area D9, E; IGETC, Area 4I; MPC, Area D

PSYC 33 PSYCHOLOGY OF ADJUSTMENT

3 units • LG-P/NP • Three hours lecture

This course studies adjustment behavior in response to health, social, and emotional problems and explores strategies and principles for the prevention of these problems.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU

General Ed. Credit: MPC, Area D

PSYC 35 INTRODUCTION TO ABNORMAL PSYCHOLOGY

3 units • LG-P/NP • Three hours lecture

This course is an introduction to the symptoms, diagnosis, etiology, and treatment of abnormal behavior. Emphasis is on the major diagnostic categories described in the DSM-IV.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU, UC

General Ed. Credit: IGETC, Area 4I; MPC, Area D

PSYC 40 HUMAN SEXUALITY

3 units • LG-P/NP • Three hours lecture

This course examines the physiological, psychological, social, and emotional aspects of sex, including aesthetic and ethical issues, and review of major statistical studies. Provider approved by the California Board of Registered Nursing, Provider Number 00184 for 45 contact hours.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area D9, E; IGETC, Area 4I; MPC, Area D

PSYC 50 HEALTH PSYCHOLOGY

3 units • LG-P/NP • Three hours lecture

This course examines the psychological aspects of health, illness and healing. Topics include stress and coping, personality and health, importance of intimate and loving relationships in creating a healthy mind and body.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU

General Ed. Credit: CSU, Area D9, E; MPC, Area D, EI

PSYC 57 ADULT DEVELOPMENT AND AGING

3 units • LG-P/NP • Three hours lecture

Students are introduced to concepts and theories of adulthood and aging, including health, memory, information processing, relationships, work, and death. The course covers concepts of successful aging and provides various activities designed to expose students to the processes of aging from an experiential perspective. Also offered online.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU

General Ed. Credit: CSU, Area E; MPC, Area D, EI

SPEECH COMMUNICATION

SPCH 2 SMALL GROUP COMMUNICATION

3 units • LG-P/NP • Three hours lecture

This course focuses on the processes and principles of group dynamics, as well as the role of discussion in groups. SPCH 2 is designed as a “learning by doing” course; hence, it includes experiences in problem-solving and decision-making situations.

Prerequisite: Eligibility for ENGL 1A

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area A1; IGETC, Area 1C; MPC, Area A2

SPCH 3 INTERPERSONAL COMMUNICATION

3 units • LG-P/NP • Three hours lecture

Students learn the basic concepts, vocabulary, theories and processes relevant to one-on-one communication. Emphasis is placed on application of theories relevant to such topics as self-concept, perception, listening, verbal and nonverbal communication, managing emotions, and conflict resolution.

Prerequisites: Eligibility for ENGL 1A

Credit transferable: CSU

General Ed. Credit: CSU, Area A1; MPC, Area A2

SPCH 54 LEADERSHIP COMMUNICATION

3 units • LG-P/NP • Three hours lecture

This course is designed to assist students interested in developing or improving communication skills relevant to leadership. Theories of leadership are investigated, and students learn how to apply both knowledge and skills to diverse small group and public speaking situations. Students have the opportunity to apply the knowledge gained outside of class. Campus and/or community involvement is a required element of this course. Also offered as Personal Development 54; credit may be earned only once.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU

General Ed. Credit: CSU, Area A1; MPC, Area A2

THEATRE ARTS

THEA 23 STAGE LIGHTING

3 units • LG-P/NP • Two hours lecture; two hours lab

This course provides an introduction to the theory and practice of lighting procedures in the theatre. Emphasis is placed upon a basic understanding of electricity and color as they relate to the theatre medium as well as upon a thorough and practical study of stage lighting instrumentation and design.

Advisories: Eligibility for ENGL 111 and 112 or ENSL 110 and 155; eligibility for MATH 351

Credit transferable: CSU, UC

WOMEN'S STUDIES

WOMN 11 LITERATURE BY AND ABOUT WOMEN

3 units • LG-P/NP • Three hours lecture

This course covers American, British and international literary works by and about women, including poetry, fiction, autobiography, drama and non-fiction prose, introducing students to literary analysis, interpretation and understanding. The course focuses on literary trends, style, and issues of race, class, ethnicity, and cultural identity and provides students with opportunities to explore individual writers in depth. Also offered as English 11; credit may be earned only once.

Prerequisites: Eligibility for ENGL 1A

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area C2; IGETC, Area 3B; MPC, Area C

DISTANCE LEARNING: MPC ONLINE

ENGLISH

ENGL 40 AMERICAN LITERATURE

3 units • LG-P/NP • Three hours lecture

This course offers a comprehensive survey of American prose and poetry from the seventeenth century to the present, emphasizing Euro-American, Native American, African-American, Latino/Latina, and Asian-American literary traditions and contributions. Satisfies intercultural studies requirement for the associate degree at MPC.

Prerequisites: ENGL 1A

Advisories: ENGL 1B

Credit transferable: CSU, UC

General Ed. Credit: CSU, Area C2; IGETC, Area 3B; MPC, Area C, F

ETHNIC STUDIES

ETNC 45 INTRODUCTION TO AMERICAN DIALECTS

3 units • LG-P/NP • Three hours lecture

This course focuses on African-American and Latino English dialects found in the U.S. today. It examines their origin, syntax, phonology and lexicon. The relationship of dialect to education and the language user's role in society are also discussed. Also offered as Linguistics 45; credit may be earned only once.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU

LIBRARY SERVICES

LIBR 60 FAMILY RESEARCH STUDIES: GENEALOGY I

3 units • LG-P/NP • Three hours lecture

Students are introduced to family history research methods and sources (1850-present), including basic Internet and library sources as well as research methodologies for locating ancestors. Students are taught fundamental organization skills for preserving family materials by assembling a family history archival notebook using a genealogy computer program. Basic knowledge of computers and the Internet is recommended.

Credit transferable: CSU

General Ed. Credit: MPC, Area E2

LINGUISTICS

LING 45 INTRODUCTION TO AMERICAN DIALECTS

3 units • LG-P/NP • Three hours lecture

This course focuses on African-American and Latino English dialects found in the U.S. today. It examines their origin, syntax, phonology and lexicon. The relationship of dialect to education and the language user's role in society are also discussed. Also offered as Ethnic Studies 45; credit may be earned only once.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU

MATHEMATICS

MATH 113 PREPARATION FOR CALCULUS I

1 unit • P/NP • One hour lecture

This course is designed for students who have taken a precalculus-level course and want to improve their understanding of the topics covered in that course. This course prepares students for calculus by providing a personalized online review of the prerequisite topics. Only offered online.

MATH 271 PREPARATION FOR INTERMEDIATE ALGEBRA

1 unit • P/NP • One hour lecture

This course is designed for students who have taken an elementary algebra-level course and want to improve their understanding of the topics covered in that course. This course prepares students for intermediate algebra by providing a personalized online review of the prerequisite topics. Only offered online.

MATH 273 PREPARATION FOR PRECALCULUS

1 unit • P/NP • One hour lecture

This course is designed for students who have taken an intermediate algebra-level course and want to improve their understanding of the topics covered in that course. This course prepares students for precalculus by providing a personalized online review of the prerequisite topics. Only offered online.

MATH 381 PREPARATION FOR ELEMENTARY ALGEBRA

1 unit • P/NP • One hour lecture

This course is designed for students who have taken a prealgebra-level course and want to improve their understanding of the topics covered in that course. This course prepares students for intermediate algebra by providing a personalized online review of the prerequisite topics. Only offered online.

PSYCHOLOGY

PSYC 57 ADULT DEVELOPMENT AND AGING

3 units • LG-P/NP • Three hours lecture

Students are introduced to concepts and theories of adulthood and aging, including health, memory, information processing, relationships, work, and death. The course covers concepts of successful aging and provides various activities designed to expose students to the processes of aging from an experiential perspective.

Advisories: Eligibility for ENGL 1A

Credit transferable: CSU

General Ed. Credit: CSU, Area E