

## EMERGENCY MEDICAL SERVICES

**EMSP-105 CPR, AED, and First Aid** 1 cr.  
Training in cardiopulmonary resuscitation and use of an AED as well as basic first aid training. Students who take this course will receive an ASHI first aid provider card and an ASHI CPR/AED provider card.

**EMSP-107 CPR for the Professional Rescuer** 0.5 cr.  
Training in cardiopulmonary resuscitation and use of an AED at the professional rescuer level. CPR Professional certification is required for work in most professions in the medical field.

**EMSP-111 First Responder** 3 cr.  
Includes the minimum standard DOT and New Mexico curricula that prepare a First Responder to stay on the forefront of pre-hospital techniques and the advancing knowledge base of pre-hospital care. The lab instruction includes individual instruction in airway management, semiautomatic defibrillation, patient packaging, trauma management and patient assessment skills.

**EMSP-115 EMT-Basic** 10 cr.  
Includes the minimum standard DOT and New Mexico curriculum information as well as additional curricula that prepare an EMT-Basic to stay on the forefront of pre-hospital field techniques and the advancing knowledge base of pre-hospital care. Prerequisites: Accuplacer Reading 82+

**EMSP-117 EMT - Basic Refresher** 2 cr.  
This course provides a review of the information presented in the initial EMT-Basic and EMT-Intermediate classes and can be used to fulfill the requirements for the recertification at the New Mexico state and national level. Prerequisites: Appropriate level First Responder, EMT-Basic, EMT-Intermediate.

**EMSP-221 EMT-Intermediate** 8 cr.  
Includes the minimum standard New Mexico curricula as well as additional curricula that prepares an EMT-Intermediate to stay on the forefront of pre-hospital techniques, as well as updating the advancing and changing knowledge base of pre-hospital care. Following the successful completion of the didactic and laboratory aspects of the class, the student will complete clinical rotations/field internships. Prerequisites: EMT-Basic, current CPR for the Professional Rescuer.

**EMSP-245 Advanced Cardiac Life Support** 1 cr.  
Provides ACLS certification for students or those working in the medical profession. Prerequisites: Current Professional Rescuer CPR, Basic Arrhythmia Recognition or the ability to interpret cardiac rhythms, EMS or nursing experience.

**EMSP-246 Pediatric Advanced Life Support** 1 cr.  
Provides PALS certification for students or those working in the medical profession. Prerequisites: Current Professional Rescuer CPR, Basic Arrhythmia Recognition or the ability to interpret cardiac rhythms, EMS or nursing experience.

## ENGINEERING

**ENGR-111 Intro to Engineering** 2 cr.  
An introduction to engineering as a career. Issues important to engineers, as students and professionals, are discussed as well as career expectations. Basic computer skills and electronic data acquisition are introduced in a laboratory setting, emphasizing a hands-on approach to experimentation. Prerequisite: MATH 115. Corequisite: ENGL 111. Semester offered: Fall, Spring.

**EE-201 Engineering Circuit Analysis** 3 cr.  
Introductory engineering analysis of analog circuits. Topics include electrical component descriptions and equations (resistors, inductors, and capacitors), Kirchhoff's voltage and current laws, and calculus based formulation of network equations using time and frequency domain concepts. Prerequisite: MATH 189. Semester offered: Fall.

**CE-233 Mechanics-Statics** 3 cr.  
An introduction to basic engineering structural analysis of static (stationary) objects. Methods to examine external and internal forces on structural components are developed using vector methods. Prerequisites: MATH 189, PHYS 215. Semester offered: Fall.

**ME-159 Graphical Communication and Design (1+3p)** 2 cr.  
Sketching and orthographic projection. Detail and assembly working drawings, dimensioning, tolerance specification, and design projects. Semester offered: Spring.

**ME-234 Mechanics-Dynamics** 3 cr.  
Expand your knowledge of statics to the study of systems in motion. Dynamics is divided into two parts: "kinematics" examines the geometric aspect of motion (where does it go?), and "kinetics" covers forces involved in motion (how should I design it?). Vector analysis methods are used throughout. Prerequisites: MATH 189, CE 233. Semester offered: Spring.

**ME-240 Thermodynamics** 3 cr.  
This first course in thermodynamics is applicable to all engineering disciplines (and modern society in general) as it deals with energy, and an "energy-balance" approach to problem solving. The first portion is devoted to energy, energy transfer, and physical properties. The first law of thermodynamics (which relates energy to heat and work) and the second law (specifies the direction of certain processes) are then covered in detail. Prerequisite: MATH 268. Semester offered: Spring.

## ENGLISH

**ENGL-050 English Skills** 3 cr.  
Helps students build competence in sentence mechanics, grammar, and usage needed for academic and professional writing. Skills will be developed through ongoing writing assignments, as well as exercises and a range of active learning methods. The course may be taken either as a companion course (with ENGL 095, 099, 111, or 118) or on its own. Course is not applicable towards any degree or certificate. Prerequisite: APEN 0-029. Semesters Offered Fall, Spring, Summer.

**ENGL-095 Basic Writing Workshop 6 cr.**

A reading and writing workshop designed to help students improve academic and communication skills in preparation for college-level writing courses. The course addresses academic literacy skills in reading and writing, library research work, computers and word processing, and college success. This the first-level, pre-college composition course. (RR option) Prerequisites: ENGL 050 or APEN 040-069. If APEN is 030-039 then Corequisite is ENGL 050. IF APEN is 040-069 then the corequisite is RDNG 095. Semesters Offered Fall, Spring, Summer.

**ENGL-098 Basic Technical Composition 3 cr.**

Introduces students to communication skills useful to technicians who need to produce practical, informative writing. This reading and writing workshop prepares students for ENGL 118: Technical Composition. This course addresses academic, technical, and workplace literacy skills necessary for college-level reading and writing, particularly in certificate programs and A.A.S. technical fields. Prerequisite: Successful completion of ENGL 095 with instructor recommendation or APEN 070-084. Corequisite: RDNG 095 or APRD 58+. Semester offered: - Fall and Spring.

**ENGL-099 Basic Composition 3 cr.**

A reading and writing workshop designed to help students improve academic and communication skills in preparation for college-level writing courses. This course addresses academic literacy skills in college reading, writing, and library research and is the second-level, pre-college composition course. (RR option) Prerequisites: ENGL 095 or APEN 070-084. Corequisite: RDNG 095 or APRD 58+. Successful completion of ENGL 095 with instructor recommendation or placement exam score. Semesters Offered Fall, Spring, Summer.

**ENGL-100 English As a Second Language 3 cr.**

Specifically for students whose predominant language is not English. Emphasis on the enhancement of standard written and spoken English. Graded S/U. Course not applicable towards any degree or certificate. Semester offered: On Demand.

**ENGL-111 Freshman Composition 3 cr.**

A writing workshop with reading assignments, in-class writing exercises, group learning activities, and essay draft workshops that will help students produce their best work for their writing portfolios. The course emphasizes academic essay writing and introduces the documented argument paper. Prerequisites: ENGL 095 with signed waiver from instructor or ENGL 099 or APEN 085+. Corequisite: RDNG 113 or APRD 081+. Semester offered: Fall, Spring, and Summer.[NM Common Course Number ENGL 1113, Area I; Communications]

**ENGL-118 Technical Composition 3 cr.**

This college-level course introduces communication skills useful to technicians. Specific activities include a study of sentence mechanics; reading and summarizing technical material; gathering information and preparing both oral and written reports; and writing memoranda and letters. Additionally, the writing skills necessary for a job search will be emphasized. Prerequisites: ENGL 095 with signed waiver from instructor, ENGL 099 or APEN 085+. Corequisite: RDNG 113 or APRD 081+. Semester offered: Fall, Spring, and Summer.

**ENGL-125 Introduction to Creative Writing 3 cr.**

This course teaches techniques for creative writing and explores imaginative uses of language through creative genres (fiction, poetry, creative non-fiction, playwriting) with emphasis on the students' unique style, subject matter and needs. In a workshop setting, students will write a great deal, learn critical terminology, and spend time discussing craft and strategies for effective revision. Offered: Fall Semester.

**ENGL-130 Editing and Style for Writers 3 cr.**

A comprehensive introduction to the elements of good creative writing and the methodologies of evaluating and editing your own writing and that of others. Includes style and usage, diction and sentence variety, imagery, and figurative language, and how to write concisely and succinctly and with imagination and expression. Students will learn how to evaluate and edit writing both holistically and in detail. Offered: Fall Semester.

**ENGL-211 Advanced Composition 3 cr.**

A continuation of the work begun in ENGL 111, with additional emphasis on the development of rhetorical and expository writing skills. Stresses critical reading skills with attention to literary forms such as the short story, poetry, drama and the novel. Course emphasizes the research process necessary for advanced college writing. Prerequisite: ENGL 111 and RDNG 113. Semester offered: Spring.[NM Common Course Number ENGL 1123, Area I; Communications]

**ENGL-218 Advanced Technical Composition 3 cr.**

This advanced course in the theory and application of practical, informative writing, covers the organization and presentation of technical information in a variety of formats and situations. Additionally, the course emphasizes the research process. Prerequisites: ENGL 118, Technical Composition or ENGL 111 Freshman Composition and RDNG 113. Semester offered: Fall, Spring, and Summer. [NM Common Course Number ENGL 2113, Area I; Communications]

**ENGL-221 Creative Writing: Prose 3 cr.**

Introduction to the elements of fiction writing. Students will read and discuss short fiction, as well as experiment with their own writing and share original short stories in a workshop setting. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: Fall.

**ENGL-222 Creative Writing: Poetry 3 cr.**

Introduction to the elements of poetry writing. Students will read and discuss poetry, as well as experiment with their own writing and share their original poetry in a workshop setting. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: Spring.

**ENGL-223 Creative Writing: Creative Nonfiction 3 cr.**

Introduction to the elements, genres, and styles of creative nonfiction writing and to the requisite attributes of creative nonfiction writers – literary voice, personal interaction with subject, openness to experience, among others. Students will read and discuss essays in various as well as experiment with their own writing and share original nonfiction essays in a workshop setting. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: Spring.

**ENGL-225 Introduction to Poetry** 3 cr.  
This course will explore the vast world of poetry. In addition to surveying poetry, it will also study poetic conventions, techniques, and forms. Special attention will be paid to contemporary poetry. Prerequisite: ENGL 111 or permission of instructor. Semester offered: On Demand.

**ENGL-228 Latin American Literature** 3 cr.  
A study of Latin America through fiction, poetry, and essays written by Latin American authors. This course will offer the student an increased understanding of the complexities of Latin American cultures, politics, history, and socio-economic status. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester Offered: On Demand.

**ENGL-230 Southwest Literature** 3 cr.  
A study of the American Southwest through fiction, poetry, biography and other works by Anglos, Native Americans, and Hispanics. This course will contribute to the student an increased understanding of the culture of the Southwest and its relations to the broader American culture. Prerequisite: ENGL 111 or permission of instructor RDNG 113. Semester offered: Fall, odd numbered years.[NM Common Course Number ENGL 2713, Area I; Communications]

**ENGL-235 Women's Literature** 3 cr.  
A survey of the works of women writers from the English-speaking tradition. Course includes study of works in various genres that explore the diversity of women's experience throughout the ages. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: Fall, even-numbered years.

**ENGL-243 The Bible As Literature** 3 cr.  
This course is a literary introduction to the Bible including a study of genres (narrative, poetry, proverb, visionary writing, and others), language, and archetypes. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: On Demand.

**ENGL-245 American Indian Literature** 3 cr.  
Provides students with an introduction to a representative range of contemporary and historical works by Native American Writers. Emphasizes literary styles of expression and analyzes texts for their influence on cultural continuity. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: Spring, even-numbered years.[NM Common Course Number ENGL 2733, Area I; Communications]

**ENGL-250 Teaching Writing** 3 cr.  
This course is designed for pre-service teachers as an introduction of methods of teaching the writing workshop. It is applicable for teachers at any level of teaching, and will include practical as well as theoretical material. Students will begin to develop their own practices and philosophies of teaching writing for their future classrooms. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: Spring.

**ENGL-251 American Literature to 1865** 3 cr.  
A survey of the major literary works from pre-colonial times to 1865. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: Fall. [NM Common Course Number ENGL 251, Area I; Communications]

**ENGL-252 American Literature From 1865 to Present** 3 cr.  
A continuation of the survey of major literary works from 1865 to the present. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: Spring.[NM Common Course Number ENGL 2523, Area I; Communications]

**ENGL-261 Survey of World Literature I** 3 cr.  
A study of world literature from antiquity through the Renaissance. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: Fall. [NM Common Course Number ENGL 2613, Area I; Communications]

**ENGL-262 Survey of World Literature II** 3 cr.  
A study of representative texts showing the diversity of people and cultures from a range of time periods from the Renaissance to the modern world. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: Spring.[NM Common Course Number ENGL 2623, Area I; Communications]

**ENGL-271 Introduction to the Study of Language** 3 cr.  
A broad overview of the study of linguistics, to include the basic structure of language, first and second language acquisition, bilingualism and social and regional variation. Course will explore linguistic issues with particular emphasis on their educational implications. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: Fall and Spring.

**ENGL-272 Traditional English Grammar** 3 cr.  
This course examines the morphology and syntax of standard English. It is a useful course for those who will be teaching language arts and those who wish to deepen their understanding of how English is structured. Prerequisite: ENGL 111 or permission of instructor and RDNG 113. Semester offered: Fall.

**ENGL-280 Advanced Creative Writing by Genre** 3 cr.  
This course will provide continued development for writers who already possess previous experience in a given genre. Course will emphasize advanced techniques and exploration of published writers. Offered: On Demand.

## ENTREPRENEURSHIP AND SMALL BUSINESS

**ENSB-150 Understanding Financial Statements** 1 cr.  
This course provides a practical understanding of business financial statements and statement analysis for the small business owner. Emphasis on concepts related to the understanding of the information presented in financial statements, the balance sheet, the income statement, and the cash flow statement. Prerequisites: ENGL 099 or APEN 085+; and RDNG 095 or APRD 058+. Semester Offered: Fall and Spring

**ENSB-265 Small Business Operations** 3 cr.  
A hands-on approach to managing a small business on an ongoing basis, including mission, marketing, financial planning, problem areas, decision making and managing resources for small businesses. Defines the problem solving and decision making processes. Prerequisite: ENGL 099 or APEN 085+; and RDNG 113 or APRD 081+. Corequisite: ENSB 150. Semester Offered: Spring.