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CT 109L Introduction to Desktop Publishing 3
AAST 230 Business Communications 3
SPAN 101 Elementary Spanish 3

TOTAL CREDIT HOURS REQUIRED 30

COURSE DESCRIPTIONS

(Please note that all courses are not offered every semester. Please check the UNM-Taos Course Schedule to see which courses are being offered each semester.)

ADMINISTRATIVE ASSISTANT

AAST 111. BEGINNING KEYBOARDING. (3)
Presentation of keyboard by the touch method and development of basic machine operations. $25 lab fee.

AAST 112. KEYBOARD APPLICATIONS. (3)
This course is designed to help students develop skills and knowledge in the preparation of various types of business correspondence (memos, letters, reports, etc.), in the preparation of statistical communications, and in special development and control in the operation of the typewriter. Prerequisite: ASM AS 111. $25 lab fee.

AAST 124. INTRODUCTION TO WORD PROCESSING. (3)
An introductory course designed to acquaint students with basic concepts of word processing. Students will learn to create, edit, file, retrieve and print various types of documents produced in an office. Prerequisite: AAST 111 or permission of instructor. $25 lab fee.

AAST 134. INTERMEDIATE WORD PROCESSING. (3)
An individual laboratory course used to develop proficiency on word processing and microcomputer equipment and software. Types of lessons include document assembly, multi-page documents, page formatting, tables, and math columns. Prerequisite: AAST 124. $25 lab fee.

AAST 205. BUSINESS MATH/ELECTRONIC CALCULATORS. (3)
Teaches the touch method of operating office adding and calculating machines. Basic operating instructions and realistic problems from simple addition and subtraction to complex calculations are included for both ten-key and electronic calculators. $25 lab fee.

AAST 220. BUSINESS MATH. (3)
The Business Math course is designed to strengthen mathematical skills as well as to expand their understanding of mathematical terms relating to the business arena. (MATH 100 or equivalent).

AAST 224. ADVANCED WORD PROCESSING/DESKTOP PUBLISHING. (3)
This course is designed to refine word processing skills then progress to desktop publishing. Students will create letterheads, design menus, create brochures and forms, and develop newsletters. Prerequisite: AAST 134. $25 lab fee.

AAST 230. BUSINESS COMMUNICATIONS. (3)
This course is designed to help students develop verbal communication skills in a business environment and in composing various business letters, reports, proposals, minutes, and other types of written communication.

AAST 240. MACHINE TRANSCRIPTIONS. (3)
An individual laboratory course teaches the mechanics of machine transcription of dictated materials. A knowledge of grammar, punctuation and capitalization along with good spelling capability is needed.
to successfully transcribe dictated materials. Prerequisites: AAST 112, AAST 134 and AAST 230. $25 lab fee.

AAST 250. RECORDS MANAGEMENT. (3)
Teaches the principles, methods and procedures for the selection, operation, and control of records systems. Students will be made aware of established filing rules as well as changing trends in records management.

AAST 260. BUSINESS APPLICATIONS ON COMPUTER. (3)
Computer-based course in sole proprietor business applications. Includes computer use in accounting, planning, organizing, managing, and communicating. Prerequisite: AAST 111 or instructor’s permission. Prerequisites: AAST 111, AAST 124. $25 lab fee.

AAST 262. LEGAL/MEDICAL TRANSCRIPTION. (3)
This course is designed to familiarize students with legal/medical terminology, layout, formatting, and the transcribing of legal and medical documents using correct spelling, grammar, and punctuation. (Prerequisites: AAST 112, AAST 134, AAST 230 (recommended), AAST 240) $25 lab fee.

AAST 264. LEGAL OFFICE PROCEDURES. (3)
Legal Offices Procedures is designed to utilize a project-based approach to completing legal office activities. The projects will allow a hands-on approach offering the legal secretarial student the ability to perform in a simulated environment. (Prerequisites: AAST 134, AAST 240) $25 lab fee.

AAST 271. OFFICE ACCOUNTING PROCEDURES. (3)
This course will provide a background in the basic accounting procedures used to operate a business. The accounting procedures presented will serve as a sound background for enjoyment in office jobs as well as preparation for studying advanced business courses in college. Office Accounting Procedures will cover financial reports, the double-entry accounting system, the accounting cycle, and payroll.

AAST 272. COMPUTERIZED ACCOUNTING. (3)
Computerized Accounting will provide students with a realistic approach to computerized, integrated principles. The computer software used will process a wide variety of accounting tasks used to operate a business. (Prerequisites: AAST 271) $25 lab fee.

AAST 280. INTERNSHIP. (3)
This course is designed for students to work and gain experience in an approved office setting. Students are not paid for their work but are supervised jointly by instructor and employer. Prerequisites: AAST and Basic Educational requirements or Program Assistant permission.

AMERICAN STUDIES

AMST 181. INTRODUCTION TO CULTURAL STUDIES. (3)
An introduction to one or more of the subjects informing the interdisciplinary field of culture studies. Topics may include material culture, folklore, consumerism, public culture, critical theory, and cultural identity.

AMST 182. INTRODUCTION TO ENVIRONMENT, SCIENCE, & TECHNOLOGY. (3)
An introduction to the socially and politically constructed values directing Americans’ attitudes toward nature, science and technology and to the impacts of those attitudes on built and natural environments regionally, nationally and globally.

AMST 183. INTRODUCTION TO GENDER STUDIES
This course focuses on the interdisciplinary study of the construction of gender as a category. Readings will span cross-cultural and historical materials, including literary, artistic and popular representations of masculinity and femininity in America.

AMST 184. INTRODUCTION TO AMERICAN POPULAR CULTURE. (3)
Survey of basic concepts of popular culture and methods for its study. Includes examination of popular myths and beliefs, heroes, rituals, icons, and formulas. Source materials are drawn from diverse areas—television, film, fashion, comics, music and games. May be repeated for credit with permission of American Studies undergraduate advisor.
AMST 185. INTRODUCTION TO RACE, CLASS AND ETHNICITY. (3)
An interdisciplinary introduction to the issues of race, class and ethnicity in American life and society.

AMST 186. INTRODUCTION TO SOUTHWEST STUDIES. (3)
Provides both an introduction to the complex history and culture of the Southwestern United States and a demonstration of the possibilities of the interdisciplinary study of regional American culture. It is multi-cultural in its content as it is multi-disciplinary in its methodology.

AMST 200. TOPICS IN AMERICAN STUDIES. (3 to a maximum of 6)
The content of this course varies by semester. Topics include: America in the 50s; America in the 60s–70s; the American family; power and culture; schooling in America.

AMST 250. THE BLACK EXPERIENCE IN THE UNITED STATES. (3)
(Also offered as AF AM 280.) An analysis of the political, economic, religious, and familial organization of Black communities in the United States.

AMST 251. THE CHICANO EXPERIENCE IN THE UNITED STATES. (3)
Investigation of the historical and social conditions that have shaped the development of Chicano life.

AMST 252. THE NATIVE AMERICAN EXPERIENCE. (3)
(Also offered as NATA 252.) Introductory survey of Native American History, culture and contemporary issues. Students read literature by and about Native Americans covering a variety of topics including tribal sovereignty, federal policy, activism, economic development, education, and community life.

AMST 285. AMERICAN LIFE AND THOUGHT. (3)
Examination of the development of American cultural values and attitudes from the seventeenth to the early twentieth centuries. Demonstrates the use of interdisciplinary modes of inquiry.

ANTHROPOLOGY

ANTH 101. INTRODUCTION TO ANTHROPOLOGY. (3)
Surveys the breadth of anthropology, introducing students to archeology, biological anthropology, ethnology, human evolutionary ecology, and linguistics.

ANTH 110. LANGUAGE, CULTURE, AND THE HUMAN ANIMAL. (3)

ANTH 121L. ARCHAEOLOGICAL METHOD & THEORY. (4)
Introduction to archaeological method and theory. Lectures cover basic concepts and strategy. Labs provide hands-on experience with methods of analyzing archaeological remains.

ANTH 130. CULTURES OF THE WORLD. (3)
Basic concepts and methods of cultural anthropology. Selected cultures, ranging from preliterate societies to aspects of urban civilization.

ANTH 150. EVOLUTION AND HUMAN EMERGENCE. (3)
Fundamentals of biological anthropology and principles of organic evolution, in relation to the biology, ecology and behavior of primates and fossil humans. Biological anthropology concentrators are required, and others are encouraged, to enroll concurrently in 151L.

ANTH 150L. HUMAN EVOLUTION LABORATORY. (1)
The factual basis of human evolution, from the comparative study of living and fossil primates to interpretation of recent human fossils. Recommended, but not required, that this be taken concurrently with 150. Two hrs. lab.
ANTH 160. HUMAN LIFE COURSE. (3)
Biology and behavior of the human life course, including the evolution of the life history patterns specific to human s and the impact of population growth and of adaptation to local conditions in promoting human diversity. Students are encouraged, but not required, to enroll concurrently in 161L.

ANTH 161L. COMPUTER LABORATORY IN HUMAN EVOLUTIONARY ECOLOGY. (1)
Introduces the computer as a tool in biological and social science research, provides first-hand experience in data collection, analysis and modeling behavior. No prior computer experience required. Prerequisite: 160.

ANTH 220. WORLD ARCHAEOLOGY. (3)
Introduces archaeological theory, method and technique by presenting the developmental history of human cultures.

ANTH 230. TOPICS IN CURRENT ANTHROPOLOGY. (3)
Experimental courses on topics of current interest.

ANTH 237. INDIANS OF NEW MEXICO. (3)
Survey of the Indian cultures of New Mexico including anthropological perspectives on their history, language, social organization, economy, health, and education.

ANTH 238. CULTURES OF THE SOUTHWEST. (3)
Survey of prehistoric cultures of the Southwest from Paleo-Indian times to the Historic Period.

ANTH 255. TOPICS: EVOLUTIONARY ANTHROPOLOGY. (3)
May be repeated for credit as subject matter varies, no limits.

APPLIED ARTS & CRAFTS

AAC 107. PORTRAITURE. (3)
The face is perhaps one of the most often attempted, yet least often accomplished, subject matters in art. Beginning with an analysis of light and shadow, color, form, and perspective, this course emphasizes the professional techniques required to give "life" to portraits. Lab fee. (does not include student materials).

AAC 108. TECHNIQUES OF LANDSCAPE PAINTING. (3)
This course explores the landscape as an art form. It includes the use of space, line, color, and shading to create unique compositions. It also includes the fundamentals of balance, tension, perspective, proportion, and scale as tools in the creation process. Lab fee. (does not include student materials).

AAC 110. TRADITIONAL JEWELRY. (3)
This course is an introduction to the tools, materials, safety procedures, and techniques for fabricating traditional silver jewelry. Includes design, forming, soldering, overlay, and stone setting. Co-requisite: ARTS 122 OR instructor permission. Lab fee. (does not include student materials)

AAC 111. INNOVATIVE JEWELRY. (3)
Today’s casual lifestyle has encouraged jewelers to use a wide variety of materials to make jewelry that is well-designed, affordable and fun to wear. This introductory course will teach students basic sheet metal and wire techniques that can be done in almost any small work space with simple hand tools. Projects will include use of other materials such as wood, leather, cloth, yarn, paint, photographs, paper, clay, plastics, gold leaf, beads, etc. Making innovative jewelry involves the development of design and thoughtful use of materials.

AAC 112. TRADITIONAL JEWELRY II. (3)
This advanced course delves into the design and history of jewelry. It includes construction and decorative techniques such as fusing, casting, soldering, linking, texturing, embossing, and reticulation. Lab fee. (does not include student materials).

AAC 114. METAL CASTING. (3)
The focus of this class will be to bring out the creativity and ingenuity of students by incorporating new three-dimensional concepts through the introduction of working with various textures and hard and soft wax, organic, inorganic, as well as stones of every kind. $60 Lab Fee.

AAC 115. INTRODUCTION TO TINSMITHING. (3)
Decorating tin by folding, punching, and stamping is an Hispanic tradition. These basic techniques, along with an introduction to surface design, forming, and the safe use of hand and soldering tools, will enable students to create a variety of projects during the class. Co-requisite: Art St 122 OR instructor permission. Lab fee (does not include student materials).

AAC 120. BEGINNING WEAVING. (3)
Students will learn to create simple fabrics using a variety of techniques. Students will learn to weave using cards, backstrap and Navajo looms. We will also introduce the 4-harness loom. The emphasis will be on constructing different types of fabrics using various looms and techniques and on designing and planning weaving projects. Co-requisite: Art St 121 or AAC 103, or instructor permission. Lab fee. (does not include student materials).

AAC 121. NAVAJO WEAVING. (3)
This course is for anyone who would like to experience the beauty and simplicity of weaving on a Navajo Loom. The course will include a history of Navajo weaving and discussion of the art as it is now practiced in the Southwest. The students will design and weave a small rug. This course will include warping the looms and both beginning and advanced tapestry techniques. $25 lab fee.

AAC 130. PUEBLO POTTERY TECHNIQUES. (3)
This course will be a combination hands-on examination of the process of pottery making and an exploration into the artistic traditions of the Native Americans who create pottery as an integral part of their lives. We will gather, process and prepare the clay and related materials in much the same way that Native people have done for the last two thousand years in the American Southwest. Through a series of readings and discussions, the class will examine the concept of ethno-aesthetics and ethnographic importance of pottery making and how the process and end results represent a glimpse into the world of the Pueblo people. Co-requisites: Art St 122 OR instructor permission. Lab fee. (does not include student materials).

AAC 140. BEGINNING PRINTMAKING. (3)
This is an introductory level course designed to familiarize the student with a variety of print processes including woodcut, linoleum cut, drypoint, collograph, and monoprint. It will be taught with innovative and non-toxic methods. Lab fee. (does not include student materials).

AAC 141. HAND WOODBLOCK PRINTING. (3)
This is a course in traditional techniques and experimental exploration of woodcut. The use of tools in the woodshop will be demonstrated and practiced. The course will cover jigsaw and reductive cuts for color relief printing. Co-requisites: Art St 121 OR AAC 103 OR instructor permission.

AAC 142. MONOTYPE. (3)
This course in printmaking emphasizes the monotype process including embossing, stencil and mask, and chine collée. We will explore the varied possibilities of the monotype medium while also developing safe and non-toxic printmaking procedures. Additive and subtractive methods, as well as water-based and oil inks, crayons, and pencils, will be used. Technical and aesthetic considerations will be addressed in one-on-one instruction and group critique. Lab fee. (does not include student materials).

AAC 143. SAFE ETCHING-INTAGLIO. (3)
This is an intermediate course in Printmaking, concentrating on alternative non-toxic methods that replace traditional toxic materials. Techniques for both hard and soft grounds lift processes and aquatint will be covered. Etching is an extremely versatile media allowing for bold sculptural imagery, delicate line and subtle tonal appealing to a wide range of artistic concerns. $40 Lab Fee.

AAC 161. PORTRAIT II. (3)
This course is a study of the planes and proportions of the human head. The course goal is to arrive
at a 3-dimensional representation by the use of light, shade, half-tone, and shape. This course also deals with facial structure and pastel and paint manipulation. Prerequisite: AAC 107 OR instructor permission. Lab fee (does not include student materials).

AAC 166. STILL LIFE. (3)
In this class students will draw and paint. They will explore and analyze of line, value, shape, texture, and color. Students will also explore concepts of both organic and non-representative forms as they relate to still life objects. Co-requisite: Art St 106 or AAC 101 or instructor permission. Lab fee. (does not include student materials).

AAC 167. FIGURE DRAWING. (3)
This is an introduction to the human figure with concern for using the figure in pictorial design, representational, and expressive interpretations. Co-requisite: Art St 106 or instructor permission. Lab fee. (does not include student materials)

AAC 293. TOPIC: FIGURE PHOTO. (3)
This is a conceptual and visual investigation into one of photography's classic subjects: the human figure. Work is done in the studio and on location. Discussions probe the aesthetic and intellectual issues raised by the subject including stereotypes and personal and cultural influences. This course will also focus on the environmental figure in regard to the physical landscape and photographic history of Taos. The focus will primarily be on Steiglitz and O'Keeffe who incorporated nature and the environment as a phenomenon, hence creating a Southwest aesthetic of paramount significance in the visual arts. Lab fee. (does not include student materials).

AAC 293. TOPIC: LAPIRARY. (3)
Students in lapidary will first and foremost learn safety in all aspects of stone cutting. In the first part of the semester students will learn sawing techniques, including slabbing and trimming. Students will learn the Mohs scale of hardness and stone identification and proceed on to grinding and other shaping methods, as well as stone sanding and polishing. As the students progress they will learn to custom-cut stones to incorporate into jewelry designs, as well as be introduced to stone carving. (Many of these skills will coincide with their Jewelry II designs). Prerequisites: AAC 110, 111T, Co- or prerequisite: AAC 112.  Lab fee.

AAC 293. PUEBLO POTTERY II. (3)
Continued hands-on examination of the process of pottery making in the Pueblo tradition fro intermediate and advanced students. Co-requisites: AAC 130 or instructor permission. $25 Lab Fee. (Does not include student materials).

AAC 293. MIXED MEDIA BOOK ART. (3)
This course emphasizes the “fundamental” vocabulary and skills as related to 2 dimensional art through collage and mixed media, process and the creation of “artistic” books. $25 lab fee.

AAC 293. T/MASTERING DIGITAL CAMERA. (2)
Learn how to use your digital camera - learn all of its features and how to use them. Learn how to transfer your pictures to a computer, how to organize them on your computer, and how to use software to make changes to the brightness, contrast, and color of your pictures. Field trips will let you practice your skill in practical situations. $25 Lab Fee.

ART EDUCATION

ARTE 214. ART IN ELEMENTARY AND SPECIAL CLASSROOMS (3)
Understanding the art process as it relates to the growth and development of children. Experiences, methods, and curriculum for art education in the elementary school. Special fee required.

ART HISTORY

ARTH 101. INTRODUCTION TO ART. (3)
A beginning course in the fundamental concepts of the visual arts; the language of form and the media of artistic expression. Readings and slide lectures supplemented by museum exhibition attendance.
ARTH 201. HISTORY OF ART I. (3)
Prehistoric, Near Eastern, Egyptian, Greek, Roman, Early Christian, Byzantine, Romanesque and Gothic Art.

ARTH 202. HISTORY OF ART II. (3)
Western Art from the Early Renaissance to Impressionism.

ARTH 250. MODERN ART. (3)
This class examines major stylistic developments of European and American painting and sculpture from Impressionism to approximately the art of World War II.

ARTH 251. ARTISTIC TRADITIONS OF THE SOUTHWEST. (3)
The Interrelationships of Native American, Hispanic, and Anglo cultures from prehistoric times to the present, emphasizes the major forms of expression- pottery, textiles, jewelry, architecture, painting and photography, slide lectures, supplemented by museum exhibits.

ART STUDIO

ARTS 106. DRAWING I. (3)
Basic drawing concepts include the expressive use of contour, value, perspective and composition while exploring both dry and wet media. Assigned problems may include still life, landscape, portraiture or the figure. Suggested co-requisite: Art Hi 101. $25 lab fee.

ARTS 121. TWO-DIMENSIONAL DESIGN. (3)
Emphasis is on elements of line, form, value, color theory, painting principles and visual vocabulary. Particular attention will be placed on a disciplined approach toward design and development of perceptual skills. Suggested co-requisite: Art Hi 101. $25 lab fee.

ARTS 122. THREE DIMENSIONAL DESIGN. (3)
Emphasis on materials, processes, and vocabulary. Particular emphasis will be placed on traditional and contemporary approaches to sculpture through the consideration of spatial concepts and making three-dimensional objects. Suggested co-requisite: Art St 123.

ARTS 157. JEWELRY AND SMALL METAL CONSTRUCTION. (3)
Introduction to basic fabrication methods as they relate to object making and small-scale sculpture. Co-requisite ARTS 121. $50 Lab Fee.

ARTS 168. CERAMICS I. (3)
This is an introduction to clay forms, hand-built and wheel-thrown techniques, slip, glazes and stoneware. Suggested co-requisites: 106, 122. $40 lab fee. (does not include student materials.)

ARTS 187. INTRO TO PHOTOGRAPHY. (3)
This course is an introduction to photographic vision and photographic techniques. Suggested co-requisite ARTS 121. $40 lab fee. (does not include student materials.)

ARTS 205. DRAWING II. (3)
This course is for further concentration on basic drawing concepts with a greater emphasis on descriptive and perceptual drawing skills using both dry and wet media. Assigned problems explore aspects of still life, landscape, portraiture and/or the figure. Prerequisites: Art St 106 OR 121 OR instructor permission. $25 lab fee.

ARTS 207. PAINTING I. (3)
This course utilizes painting materials and techniques, integrating basic drawing concepts with color theory and composition. Emphasis on descriptive and perceptual skills through assigned problems will explore aspects of still life, landscape, portraiture, and/or the figure. Prerequisites: Art St 106 OR 121 OR pre- or co-requisite: Art St 205 OR instructor permission. $25 lab fee.
ARTS 213. SCULPTURE I. (3)
A further exploration into the concepts presented in Three-Dimensional Design. Will investigate, through specific assignments, issues that are central to producing sculpture. Pre-requisites: ARTS 122, 123. $50 Lab Fee.

ARTS 287. PHOTOGRAPHY II. (3)
This is a continuation of 187, with concentration on photographic techniques and the formal aspects of photographic vision. Prerequisite: 187, Pre- or Co-requisite: 121. $40 lab fee.

ARTS 257. JEWELRY AND SMALL METAL CONSTRUCTION II. (3)
A continuation of 157. Fabrication skills are further developed and refined. Emphasis is on developing a deeper understanding of form/content as it relates to intimate scale. Pre-requisites: ARTS 122, 157. Co-requisite 106. $60 Lab Fee.

ARTS 268. CERAMICS II. (3)
Continuation of ARTS 168 with emphasis placed on the mastery of ceramic processes and development of a personal aesthetic. Pre-requisites: 122, 168. $60 Lab Fee.

ARTS 274. INTRODUCTION TO PRINTMAKING. (3)
Fundamental techniques, methods, and expressive potentials of the major printmaking processes, including monotype, etching, lithography, woodcut, and xerography. Instruction includes lecture, demonstrations, practice, and critique. Prerequisites: ARTS 106 and ARTS 121.

ARTS 293. BEGINNING WATERCOLOR PAINTING. (3)
Painting on site with emphasis on landscape uses basic techniques of various water-soluble media. This includes lecture, demonstration, practice, and critique. Prerequisites: ARTS 106 OR 121 OR 207 OR instructor permission. $25 lab fee.

ARTS AND SCIENCES

ARSC 198. UNDERGRADUATE STUDY ARTS & SCIENCES. (3)
Develops academic skills necessary for the study of science and mathematics including scholarship, research, comprehension, analysis, synthesis, evaluations, application, critical thinking, and communication of ideas. It also provides an overview of science and math-based professions as well as research opportunities. This course is a prerequisite for first semester students seeking an Associate of Science Degree.

ASTRONOMY

ASTR 101. INTRODUCTION TO ASTRONOMY. (3)
Conceptual description of our fascinating universe: early astronomy, Newtonian, synthesis, Earth, Moon, planets, asteroids, comets, the Sun, our solar system, stars, black holes, galaxies, dark matter, dark energy and cosmological mysteries.

ASTR 101L. ASTRONOMY LABORATORY. (1)
Intended as an adjunct to ASTR 101, this course deals with elementary techniques in astronomical observations. Two hrs. Pre- or co requisite: ASTR 101.

BIOLOGY

BIOL 110. BIOLOGY NON-MAJORS. (3)
Biological principles important for the non-major in today's world. Ecological, evolutionary, and molecular topics. (Credit not allowed for both 110 and either 121L-122L).

BIOL 112L. BIOLOGY LAB FOR NON-MAJORS. (1)
An optional laboratory which will be taken concurrently with 110. One 3-hour lab per week including plant and animal diversity, techniques, and investigation of current issues.

BIOL 123. BIOLOGY FOR HEALTH RELATED SCIENCES AND NON-MAJORS. (3)
Principles of cell biology, genetics, and organic biology. 3 lectures, 3 hrs lab. (Credit not allowed for both 123 or 110.)

BIOL 124L BIOLOGY FOR HEALTH RELATED SCIENCES AND NON-MAJORS LAB. (1)
One credit optional laboratory to accompany 123. Pre- or co-requisite: 123

BIOL 201 MOLECULAR AND CELL BIOLOGY. (4)
The scientific method, the role of water in cell biology, carbon and molecular diversity, macromolecules, introduction to metabolism, tour of cell structures and functions, membrane structure and function, cellular respiration, photosynthesis, cell communication, and the cell cycle. 3 lectures, 1 discussion section. Co-requisite: Chemistry 121L.

BIOL 202. GENETICS. (4)
Mitosis, meiosis, Mendelian genetics, chromosomes and inheritance, molecular basis of inheritance, genes to proteins, genetic models (viruses and bacteria), eukaryotic genomes, genetic basis of development, and overview of genomes. 3 Lectures, 1 discussion section. Co-requisite: CHEM 122L

BIOL 203L. ECOLOGY AND EVOLUTION. (4)
Darwinian principles, origin of the earth, the fossil record and diversification of ancient life, evolution of populations, origin of species, phylogenetics, introduction to ecology and the biosphere, behavioral ecology, population ecology, community ecology, ecosystem ecology, and conservation biology. 3 lectures, 3 hrs. lab. Lab material includes a survey of the diversity of life. Prerequisites: Bio 201 and 202, CHEM 121L and 122L. Co requisite Math 162 or 180.

BIOL 204L. PLANT AND ANIMAL FORM AND FUNCTION. (4)
Plant structure and growth, transport in plants, plant nutrition, plant reproduction and development, control systems in plants, introduction to animal systems, animal nutrition, circulation and gas exchange, immune systems, control of the internal environment, chemical signals in animals, reproduction, development, nervous systems, and sensory and motor mechanisms. 3 lectures and 3 hrs. lab. Prerequisites: Bio 201 and 202, CHEM 121L and 122L. Co requisite Math 162 or 180.

BIOL 237. HUMAN ANATOMY AND PHYSIOLOGY I. (3)
An integrated study of human structure and functions of the skeletal, muscular, nervous, and cardiovascular systems. Prerequisites: 121L and 4 hours of general chemistry.

BIOL 238. HUMAN ANATOMY AND PHYSIOLOGY II. (3)
Continuation of 237. Cardiovascular, respiratory, digestive, excretory, reproductive, and endocrine systems. Prerequisite: 237

BIOL 239L. MICROBIOLOGY FOR HEALTH SCIENCES. (4)
Introduction to microbiology with emphasis on principles of infection and immunity. Prerequisites: 121L and 4 hrs of chemistry. Not accepted toward a biology major. 4 hrs. lab required for pharmacy students, 3 hrs. lab required for nursing and dental hygiene students. (Credit not allowed for both 239L, 351 and 352L.)

BIOL 247L. HUMAN ANATOMY AND PHYSIOLOGY LABORATORY I. (1)
Laboratory work using cadavers. Anatomy stressed with appropriate physiological work. Topics integrated with 237. Pre- or co requisite: 237. 3 hrs. lab.

BIOL 248L. HUMAN ANATOMY AND PHYSIOLOGY LABORATORY II. (1)
Continuation of BIOL 247L. Topics integrated with 238. Pre- or co requisite: 238. 3 hrs. lab.

BUSINESS TECHNOLOGY

BSTC 204. HUMAN RELATIONS IN BUSINESS. (3)
A study of basic human relations in work environments. Address principles of business relations including organizational skills, communications, interpersonal relationships, career goals, job hunting, professionalism on the job and attitudes for success.

BSTC 110. TOPIC: STARTING A SMALL BUSINESS. (3)
This course includes instruction in the development of a business plan. Basic compliance issues that the small business person faces will be addressed, i.e. state and federal taxes, bonding, licenses
and fees, unemployment payments, etc. The course will aid the individual in assessing when and if to start a small business and describe what the different tax statutes mean, i.e. sole proprietorship, LLC, C, or corps.

BSTC 293. JUMP INTO QUICKBOOKS. (1)
The basic nuts and bolts of the most current edition of QuickBooks Pro. After taking this class you will be able to use this program in your home and office. This is an abbreviated course offered on a two-session basis.

CHEMISTRY

CHEM 111L. ELEMENTS OF GENERAL CHEMISTRY. (4)
One semester course in general chemistry, especially for non-science majors in the health sciences except pre medicine and medical technology. 3 hrs. lab. (Credit not allowed for both 111L and 121L.)

CHEM 121L. GENERAL CHEMISTRY. (4)
Introduction to the chemical and physical behavior of matter. Prerequisite: completion of Math 121 with a grade of C or better; or a math placement test score which qualifies the student for Math 180. 3 hrs lab.

CHEM 122L. GENERAL CHEMISTRY. (4)
Continuation of 121L. Prerequisite 121L with grade of C or better. 3 hrs. lab.

CHEM 212. INTEGRATED ORGANIC CHEMISTRY AND BIOCHEMISTRY. (4)
Survey interrelating the major principles of organic chemistry and biochemistry with special emphasis on students in the health sciences. Prerequisite: 111L or 121L. (Credit not allowed for both 212 and 301.)

COMMUNICATION & JOURNALISM

CJ 101L. INTRODUCTION TO COMMUNICATION. (3)
Principles and concepts of various types of human communication, including interpersonal, small group, organizational, public and mass communication. A lecture/discussion course.

CJ 110. INTRODUCTION TO MASS COMMUNICATION. (3)
(Also offered as MA 110.) The development of the mass media with emphasis on television in the areas of programming, policy, regulation, economics and technology. Examination of the social, cultural, and political impact of the mass media on contemporary society.

CJ 115 [125]. COMMUNICATIONS ACROSS CULTURES. (3)
An introduction to communication among people from different cultural backgrounds, emphasizing intercultural relations. The class seeks to identify, honor, and enhance the strengths of different cultural perspectives.

CJ 130. PUBLIC SPEAKING. (3)
Analysis, preparation, and presentation of speeches. A performance course.

CJ 171L [151L]. WRITING FOR THE MASS MEDIA I. (News Writing) (3)
Practical introduction to journalism, emphasizing journalistic conventions and gathering and writing of news for the print and broadcast media. Language and typing skills required, Prerequisite: 15 hours., 2.00 GPA, ENGL 102.

CJ 220 [270]. COMMUNICATION FOR TEACHERS. (3)
Concepts and practices of interpersonal, small group, and public communication pertinent to classroom teachers at the elementary, middle, and secondary levels of education.

CJ 221. INTERPERSONAL COMMUNICATION. (3)
Analysis of a variety of interpersonal communication concepts with special emphasis on the application of communication skills in different situations.
CJ 225. SMALL GROUP COMMUNICATION. (3)
Basic characteristics and patterns of communication in small groups. Includes attention to role theory, conflict resolution and creative decision-making methods.

CJ 262. NEWS PHOTOGRAPHY/LAB. (3)
Camera and darkroom techniques for newspapers and magazines; editing of photos, including preparation of outlines; production of all varieties of photos for publication, including photo stories.

CJ 262. RADIO/TELEVISION PERFORMANCE. (3)
Verbal and nonverbal performance and message preparation skills related to both the audio and video components of the mass media. Emphasis on fundamentals of prepared, extemporaneous and interpretive speaking for radio and television.

CJ 268. MEDIA THEORY AND INFLUENCE. (3)
Introduction to theories of mass media and their influences.

CJ 269. INTRODUCTION TO VISUAL COMMUNICATION. (3)
Exploration of visual images in the mass media, with emphasis on the design and theory of mediated imaging. Includes some practical training in still photography and video. Prerequisite: 171L with a grade of C (not C-) or better or permission of instructor.

CJ 271 [251]. WRITING FOR THE MASS MEDIA II. (3)
Continuation of CJ 171, with increased emphasis on gathering news from original sources and the introduction of writing for advertising, public relations and television. Prerequisite: 171 with C or better.

CJ 273 [253-255L]. NEWSPAPER PRACTICE AND LAB. (3)
Open to all University students. May be taken up to 3 times.

CJ 293. TOPICS. (1-3)

COMPUTER SCIENCE

CS 150L. COMPUTING FOR BUSINESS STUDENTS. (3)
Students will use personal computers in campus laboratories to learn to use word processors, spreadsheets and database management systems. The course will cover access to the World Wide Web and other topics of current importance to business students. Course cannot be applied towards a major in Computer Science. Prerequisite: Math 122. $30 lab fee.

COMPUTER TECHNOLOGY

CT 102L. INTRODUCTION TO MICROCOMPUTERS. (3)
Students will be introduced to basic word processing, spreadsheet, and database applications. Hands-on exercises as well as classroom discussion will be utilized to provide beginners with a solid foundation for further computer study. $25 lab fee.

CT 105L. INTRODUCTION TO MACINTOSH. (3)
The course provides an overview of the operation of the Macintosh computer and its applications. Students will be introduced to various application programs including word processing, spreadsheets, database management, and desktop publishing. Content also includes desk accessories, file and folder management. $25 lab fee.

CT 106L. MICROSOFT WORD. (3)
The student will be introduced to advanced word processing techniques using Microsoft Word. The class content involves document design and formatting as well as file management. A great emphasis will be put on efficiency in applications. $25 lab fee.

CT 107L. MICROSOFT EXCEL. (3)
The course introduces the student to the Microsoft Excel spreadsheet application. Beginning and more advanced topics will be offered. Course content includes spreadsheet layout and design as well
as file management. Prerequisite: CT 102L or equivalent Windows experience. $25 lab fee.

CT 108L. POWERPOINT. (3)
Learning Power Point Pro starts with basics. Students will become familiar with PowerPoint screens and the various screen elements. Then students will learn the fundamentals of creating effective multimedia presentations. By the end of the course, students will create their own presentations using their own information. $25 lab fee.

CT 109L. DESKTOP PUBLISHING 1. (3)
Students will learn desktop publishing in a production environment using the Macintosh computer. Course content includes page layout and design using text and graphics as well as file management. $25 lab fee.

CT 110L. DIGITAL IMAGERY 1. (3)
The course introduces students to computer graphics on the Macintosh computer using Adobe Photoshop. Students will create, modify, and prepare various computer-generated raster image documents. Course content includes document scanning and resizing as well as producing digital artwork. $25 lab fee.

CT 111L. INTRODUCTION TO COMPUTER AIDED DESIGN & DRAFTING. (3)
This entry-level course is intended for the technician or draftsperson interested in the use of CADD in an engineering environment. The course will acquaint the student with the AutoCAD electronic drafting program for IBM-PC's and address basic techniques associated with Architectural Desktop. The student will be familiarized with basic aspects of CADD from program initiation through hard copy output (plotting) of rudimentary AutoCAD drawings. $25 lab fee.

CT 112L. INTRODUCTION TO MICROSOFT ACCESS. (3)
The student will be introduced to the Microsoft Access database application. Database concepts, application, and design will be emphasized. Content includes ongoing database management. $25 lab fee.

CT 113L. MULTIMEDIA 1. (3)
Course content focuses on importing and capturing sound, text, and video imagery for digital storytelling using non-linear editing on the MacIntosh. Students will learn to export their projects to DVD, CD, the web, and videotape. $25 Lab fee.

CT 114L. INTRODUCTION TO WORLD WIDE WEB PUBLISHING. (3)
The course introduces students to producing World Wide Web home pages for publication on the Internet using the Macintosh computer. Students will gain experience in browsing the World Wide Web as well as designing, writing, and maintaining web pages. Content includes HTML, links and URLs, images, sound, and video. $25 lab fee.

CT 115L. VECTOR GRAPHICS. (3)
The course introduces the student to using various vector graphic images in publishing. The student will gain experience in creating, modifying, and preparing graphic images as well as knowledge of a proper operating environment. $25 lab fee.

CT 116L. FUNDAMENTALS OF GRAPHIC DESIGN. (3)
This is a core course that allows the student to understand the visual dynamics of Graphic Design. The emphasis of this course is on drawing and composition. This is a course in design aesthetic that will allow the student to experience the theory and practices of 2-dimensional design throughout history. Areas to be covered: typography, the golden ratio, design, composition, line, shape, space and color concepts. $25 lab fee.

CT 120L. INTRODUCTION TO DATABASE PUBLISHING. (3)
Students will be introduced to database management in a publishing environment. This course teaches relational database management, database design, and overall operation. Emphasis will be placed on database publishing as it relates to online Internet catalogs, etc. $25 lab fee.
CT 160L. INTERMEDIATE MACINTOSH. (3)
The course emphasizes managing a Macintosh computer system in a business publishing environment. The student will learn troubleshooting techniques, file management, and advanced productivity applications. $25 lab fee.

CT 170L. INTRODUCTION TO INTERNET. (3)
The student will be introduced to the Internet and its capabilities. The course is designed for the beginner with no prior knowledge of computers or the Internet. Content includes an introduction to Email, Telnet, and the World Wide Web. $25 lab fee.

CT 171L. INTERMEDIATE INTERNET. (3)
The course is a continuation of CT 170L for students seeking additional Internet skills. Emphasis is on using the Internet effectively for accessing and searching its vast resources. Content includes Email, Gopher, Telnet, FTP, World Wide Web, and UNIX. $25 lab fee.

CT 173L. MARKETING ON THE INTERNET. (3)
Students will be introduced to marketing concepts as they relate to the Internet. The course is a non-technical approach to producing online sales and product information as well as customer relations and support. Content includes familiarization with the World Wide Web and its capabilities and limitations. $25 lab fee.

CT 175L. PLANNING AND DESIGNING WEBSITES. (3)
In order to build a web site that is both attractive and logical, one must understand the basic principles of web design and planning. This class will cover the skeleton of web design and give the students needed skills to take raw material and transform the material into a web site. Prerequisites: CT 110, CT 170, or Co requisite: CT 114. $25 lab fee.

CT 190L. DESKTOP PUBLISHING 2. (3)
The student will gain experience in planning, implementing, and managing professional desktop publishing projects. Course content includes pricing, assembling, and profitability in the publishing environment. $25 lab fee.

CT 191L. ADVANCED WORLD WIDE WEB PUBLISHING. (3)
The course is a continuation of CT 114L and furthers the students knowledge of WWW publishing. Students will gain experience with animation, audio, image maps, and a variety of other advanced topics. $25 lab fee.

CT 193L. BUSINESS INFORMATION SYSTEMS. (3)
The course emphasizes information systems used in business. Students will gain an understanding of business computer concepts, communications, application and system software, system development, and information resource management. $25 lab fee.

CT 195L. DIRECTED STUDIES/GRAPHIC DESIGN. (3)
Will be available to students focusing on Digital Graphic Design certificates. It will be an open lab where the student can focus on a specific line of study. $25 lab fee.

CT 199L. ADVANCED DESKTOP PUBLISHING. (3)
This is an advanced graphic design course. The student will gain experience in planning, implementing and managing professional desktop publishing projects. The topics studied will be pricing, assembling, and profitability in a publishing environment. $25 lab fee.

CT 207L. QUICKBOOKS. (3)
QuickBooks Pro is the most popular personal and business accounting program in the country. Knowledge of this program can give students command of their personal and business data, along with job and career possibilities. Prerequisite: CT 102L or equivalent Window experience. $25 lab fee.

CT 210L. DIGITAL IMAGERY 2. (3)
This course focuses on several areas of Photoshop that are key to the producing quality print and web images such as: color editing by selection techniques and curves control, making professional
composition of images using Photoshop layers, how to handle different types of file extension, how to convert them, and how to handle large file sizes. $25 lab fee.

CT 211L. ADVANCED WEB DEVELOPMENT & MANAGEMENT. (3)
This course will guide the student through the fields of system administration, advanced web programming, advanced coding, and development techniques. This course will also present techniques on marketing the student's skills and a brief overview of writing a technical resume. $25 lab fee.

CT 212L. INTERMEDIATE MICROSOFT ACCESS. (3)
Students will review basic concepts taught in the CT 112L Introduction to Microsoft Access course. The review will be in the form of a project and the student can work and ask questions towards completing the project. In addition, Intermediate Access will also concentrate on advanced reporting, queries, and the use of Macros in the development of forms. Prerequisite: CT 112L. $25 lab fee.

CT 213L. MULTIMEDIA 2. (3)
Multimedia 2 is to provide the student with further knowledge of Multimedia using Adobe Final Cut. Upon successful completion of this course, the student will have a basic understanding of multimedia editing. $40 lab fee.

CT 214L. MULTIMEDIA TOOLS AND TECHNIQUES. (3)
The objective of this course is to provide the student with techniques and experience in the use of digital camcorders and cameras. At the end of the course, the student will be able to capture and transfer digital imagery to the computer. $40 lab fee.

CT 215L. MULTIMEDIA PRODUCTION. (3)
This course will allow students to develop and present multimedia projects using various mediums. The course includes works from concepts to storyboards to production. $40 lab fee.

CT 216L. DIRECTED STUDIES/MULTIMEDIA. (3)
Seminar will be available to students focusing on Multi Media Certificates. It will be an open lab where the student can focus on a specific line of study. $40 lab fee.

CT 224L. INTRODUCTION TO UNIX. (3)
Students will be introduced to the UNIX operating system and its capabilities. Course content includes commands, tools, networking, shells, and Internet access. $25 lab fee.

CT 225L. INTRODUCTION TO “C” PROGRAMMING. (3)
Students will be introduced to computer programming using the versatile "C" language. The course content includes program design, creation, and implementation. Emphasis will be placed on proper structure, program efficiency, and application portability. Lab fee.

CONSTRUCTION TECHNOLOGY

CNST 101. LAYOUT AND FRAMING. (3)
A study of wood and construction techniques. Wall, roof and deck framing, planning layout and study of stress on structural members. Classroom and lab experience.

CNST 103. EXTERIOR FINISHING. (3)
A study of exterior trim techniques, selection of doors and windows, methods of installation. Includes overview of paint, stains, and prefabricated materials. $25 lab fee.

CNST 105. INTERIOR FINISHING. (3)
A study of the interior of a building which includes methods of wall, ceiling, and floor finishing. The use of different types of covering, paint, paneling, and texture will be emphasized. The installation of decorative tile for bathroom, kitchen, and floors will be explored. $25 lab fee.

CNST 109. PLUMBING THEORY I. (3)
Introduction to plumbing occupations, safety, tools, equipment, and human relations in the plumbing trade. Covers plumbing components, sizes of various residential and commercial plumbing systems,
pipe fitting and joining, and cost estimating. $20 lab fee

CNST 111. REMODELING. (3)
This course is designed to focus on key factors underlying hidden costs. Hopefully we will visit remodeling jobs, in process, to see the surprise factors in action.

CNST 112. OWNER BUILT HOME. (3)
An introduction to the construction of your own home, with or without the use of architects, designers, and contractors. Including design, legal, and financial considerations of such a project.

CNST 115. CONCRETE POURING AND FINISHING. (3)
A study of the use of concrete in building construction. The use of power tools and hand tools to finish walls and poured work. $20 lab fee.

CNST 118. ALTERNATIVE BUILDING & CONSTRUCTION. (3)
An overview and evaluation of construction techniques and systems currently in use in the Southwest. The course will include poured pumice, hay bale, and stacked tire techniques, solar, and low cost considerations. This class will visit representative construction sites.

CNST 120. PRINCIPLES OF ELECTRICITY. (3)
A study of AC and DC circuits and components. Practical applications of electrical principles and practice on circuit boards. Use of calculations derived from formulas of electrical functions. The working principles and proper use of various electrical motors. Classroom with lab experience. $25 lab fee.

CNST 121. ELECTRICAL WIRING. (3)
This introductory course will be useful for students preparing to become electricians for do-it-yourselfers who would like to install and repair their own electrical systems. The course will teach the basic theory of electricity, electrical terms, measuring electricity, electrical wires, and electrical devices. $40 lab fee.

CNST 125. SOLAR DESIGN. (3)
This course will educate students about renewable energy and how to use solar energy for heating, cooling, hot water, cooking, and electrical power. Hands on activities are integrated throughout the course. The curriculum will also cover “green” building materials and sustainable design principles. Students will create their own residential design(s) incorporating these principles throughout the semester. $25 lab fee.

CNST 128. ADOBE CONSTRUCTION. (3)
A practicum in the use of adobe as a building material for both historic restoration and new structures. Includes use of production-scale adobe brick forms, building to code with formulating and applying adobe plaster.

CNST 175. BLUEPRINT READING. (3)
An introduction to blueprint reading for builders to help students interpret the ideas of designers and architects and to express their own ideas through drawings. Stresses necessary skills and process used in architectural drafting.

CNST 184. GENERAL CARPENTRY. (3)
This course will have two components: a classroom segment, where carpentry concepts will be explored, and a hands-on segment where students will be able to participate in the actual construction of a structure. Habitat for Humanity has generously offered one of their projects as a “hands-on” site. $40 lab fee.

CNST 185. COST ESTIMATING FOR CARPENTRY. (3)
The application of mathematics to carpentry trade problems such as planning and computing labor, material, and equipment for residential, commercial, and other projects.

CNST 293. TOPICS: PHOTOVOLTAICS. (3)
This course introduces students to photovoltaics or electricity generated directly from the sun. Includes battery storage and reverse generation “on grid.” $25 lab fee.

CNST 293. TOPICS: CREATIVE DRAFTING. (3)
An introduction to drawing the built form. From freehand sketching to precise mechanical drafting, the course intends to sharpen visual, manual, and aesthetic drawings (plans, elevations, details) and 3-dimensional pictorial drawings (axonometrics and perspective). $25 lab fee.

CNST 293. TOPICS: TRIM AND FINISH CARPENTRY. (3)
This course continues the instruction in “General Carpentry, CNST 184”, by refining the skills needed for professional finish carpentry, including door and window installation, trim and molding installation, stair construction, built in cabinets and efficient production, methods for the professional carpenter. $40 lab fee.

CNST 293. TOPIC: RESIDENTIAL DESIGN AND DRAWING. (3)
An introductory course to develop the skills necessary to produce the required drawings for a building permit. The site and structure of selected residences will be used as actual examples from which to learn site analysis skills and to measure and draw up an acceptable set of building documents. This process will illuminate various design decisions and structural choices in the making of a home.

CRIMINAL JUSTICE

CRJS 101. INTRODUCTION TO CRIMINAL JUSTICE. (3)
An introductory course in the history and philosophy of the U.S. criminal justice system. The legislative and constitutional framework of the system is covered and each of the major components (the police, courts, corrections, and industrial security) is examined.

CRJS 102. INTRODUCTION TO CORRECTIONS. (3)
A study of the history, philosophy, legal issues, research, and models of the corrections system and the impact of the system on prisoners and society. The corrections process, the rights of the convicted criminal and correctional systems and community corrections and other alternative sentencing programs.

CRJS 103. JUVENILE JUSTICE SYSTEM. (3)
A study of the juvenile justice system, with particular emphasis on New Mexico; history of the juvenile court; juvenile court practices and procedures; neglect; dependency and delinquency; jurisdiction of the court; and the roles of the police officer, the juvenile correctional officer, social service worker and other human service workers in the juvenile justice system. This course will also explore alternative juvenile justice programs that have proven successful around the country.

CRJS 201. CRIMINAL LAW I. (3)
An introductory study of the philosophy, development, and social basis of U.S. and New Mexico criminal law and constitutional procedure. Topics include an overview of the classification of crime, the elements of and parties to a crime, defenses, pertinent principles of evidence, laws of arrest and search and seizure and their application in the legal process.

CRJS 203. COURTS AND CRIMINAL JUSTICE. (3)
Structures and functions of American courts. Roles of attorneys, judges, and other court personnel, operation of petit and grand juries, trial and appellate courts.

CRJS 204. POLICING AND LAW ENFORCEMENT. (3)
This course will explore issues relevant to the law enforcement community. The course will explore the evolution of American policing from its roots in England to the present. Topics will include community oriented policing, problem oriented policing, victim issues, the culture of the police community, trauma and stress, the structure of local, state, and federal agencies, and the process that link law enforcement agencies to the courts and corrections.

CRJS 293. TOPIC IN CRIMINAL JUSTICE. (3)
CULINARY ARTS

CART 101. INTRODUCTION TO CULINARY ARTS (3).
An introduction to the fundamentals of professional food preparation to include product identification, basic skill development, dexterity, safety, and sanitation in the kitchen. This class will focus on the use of seasonal fruits, vegetables, and grains and will provide the student with the basics of quality control, weights and measures, terms, professionalism, and communication. Lab fee: $50.

CART 102. SOUPS, STOCKS, AND SAUCES (3).
Emphasis will be placed on classical techniques in the preparation of mother sauces and their derivatives, proper stock preparation, reduction, storage, and usage. This course also covers the assembly of clear broth, legume, velouté, chowders, bisques and cream soups, and focuses on the preparation of vegetarian, meat, poultry, and seafood entrees. Lab fee: $50.

CART 103. INTERNATIONAL CUISINE (3).
This course affords the opportunity for the student to practice skills acquired in 101 and 102 using the medium of international cuisine. This course will explore the cuisines of France, Italy, Spain, Greece, Mexico, and more. Learn to work with the ingredients that are adding excitement to the global market basket. Study a variety of approaches to preparing and presenting the final dish. Lab fee: $60.

CART 104. PROCESSING AND PRODUCT DEVELOPMENT (3).
This course will cover the basic steps to develop, package, and market a specialty food product. Topics include specialty foods history, market research, trends, processing techniques, food safety issues, packaging design, and labeling requirements. The course also includes hands-on food processing workshops including commercial canning and juicing at the Taos Food Center. Lab fee: $50.

CART 105. THE WORLD OF TAMALES (3).
Fun hands-on cooking class designed to allow students to learn how to make many different styles of tamales. Focusing on a tour of tamale making from South America to Northern New Mexico, students will learn wrapping styles, masas, meat and vegetable fillings, and appropriate sauces and salsas. Learn southwestern cuisine through the medium of tamales. Lab fee: $50.

CART 106. VEGAN COOKING (3).
Introduction to the fundamentals of the Vegan lifestyles. Course will include Vegan philosophy, nutritional information, elementary Vegan pantry requirements, and basic Vegan cooking techniques. Local Southwestern flavors, plus cuisines from around the world will be used to augment Vegan cooking concepts including Italian, Thai, Chinese, Japanese, and East Indian. Lab fee: $50.

CART 107. CULINARY BUSINESS (3).
The student will be allowed a solid financial business approach to food services and culinary arts through use of computer technology to manage costing, budgets, menu development and writing, ordering, profitability, record keeping, inventory, sanitation schedules and supplies, file management, and P & L’s. This course is a template for existing restaurateurs as well as those wanting to start a food service business. Lab fee: $45.

CART 109. TABLE SERVICE INTERNSHIP (3).
This is the second to the last course necessary for completion of the Culinary Arts Certificate Program. This class provides clear, straightforward techniques needed to assure excellent table service. The course also allows the opportunity for the student to have an overview of an entire restaurant operation. Prerequisites: CART 101, 102, 103, 107 OR MGMT 101, AND 12 HOURS OF ELECTIVES. Lab fee: $45.

CART 110. CULINARY ARTS INTERNSHIP (3).
This is the final course necessary for completion of the Culinary Arts Certificate Program. This course allows the student to work 45 hours in a professional restaurant environment. This is a hands
on, work-study class. It will provide the student the opportunity to practice real world techniques in the culinary arts profession. Prerequisite: CART 109. Lab fee: $45.

CURRICULUM & INSTRUCTION IN MULTICULTURAL TEACHER EDUCATION

CMTE 291. PROBLEMS. (1-3, maximum of 3) Prerequisite: Permission of instructor.

CMTE 296. INTERNSHIP. (3-6, maximum of 12)

DANCE

DANC 110. MODERN DANCE I. (2 to a maximum of 6) Fundamental work for the adult beginner in Modern Dance techniques and styles. A course fee is required.

DANC 169. FLAMENCO I. (2) This is a course in fundamental work for the adult beginner in techniques and styles of Flamenco. A course fee is required.

DANC 204. STRETCHING, STRENGTHENING, AND CONDITIONING FOR THE PERFORMING ARTS. (3 to a maximum of 12) Specialized floor work training using principles of the Pilates Methodology and the basic movement concepts of Core Dynamics™. For preparing and maintaining a uniformly developed body for dance and movement. A course fee is required.

DANC 208. STUDIES IN SPANISH FORM. (1-3 to a maximum of 3) This course will provide students with studio instruction in a variety of dance techniques based on or derived from Spanish classical and folk dance forms. Such styles as Escuela Bolera, Jota, Castenets, and Cante will be taught. A course fee is required.

DANC 212. IMPROVISATION. (3) Discover the authentic self in movement. Students will take their first steps in use of structure and form in dance composition and in developing skills in group interaction.

DANC 289. TOPICS IN FLAMENCO. (3) Flamenco and Spanish dance technique and choreography for adults at the intermediate/advanced level of dance. This class introduces the use of various props-specifically, manton (Shawl) and/or castanets-unique to the dance form. Working with live musicians will continue, focusing on musical and choreographical structure and the communication between dancer and musician. Some history, culture, and costuming will be covered. Core strength of the body will also be addressed. $40 Lab Fee.

DANC 293. TOPIC: FLAMENCO II. (3) Flamenco techniques and styles are taught at the intermediate level.

DANC 295. CONTEMPORARY DANCE. (3) Playful, simple and accessible movement rooted in African dance and the butoh form of Body Weather. Regular practice increases core strength, neuromuscular response, expands breathing capacity, flexibility, and opens awareness to creative impulse. Partnered stretching concerned with breathing and alignment is led at the close each class. Please wear comfortable clothing. Bring "layers" (extra socks and a sweater) and water. We work in bare feet. There will be an eight-hour field trip during the course to be determined the first week of class. $40 Lab Fee.

EARLY CHILDHOOD MULTICULTURAL EDUCATION

ECME 101 CHILD GROWTH, DEVELOPMENT, AND LEARNING. (3) This basic course in the growth, development, and learning of young children, prebirth through age eight, provides students with the foundation for becoming competent early childhood professionals.
and knowledge of how young children grow, develop and learn. Major theories of child development are integrated with all aspects of development, including biological-physical, social, cultural, emotional, cognition, and language domains. The adult’s role in supporting each child’s growth, development, and learning will be emphasized.

ECME 103. HEALTH, SAFETY, AND NUTRITION. (2)
This course provides information related to standards and practices that promote children’s physical and mental well being, sound nutritional practices, and maintenance of safe learning environments. It includes information for developing sound health and safety management procedures for the prevention of childhood illnesses and communicable diseases. The course examines the many nutritional factors that are important for children’s total development, healthy eating habits, physical activity, and rest. Students gain knowledge necessary for creating safe learning environments for decreasing risk and preventing childhood injury.

ECME 111. FAMILY AND COMMUNITY COLLABORATION I. (3)
This course examines the involvement of families from diverse cultural and linguistic backgrounds in early childhood programs. Ways to establish collaborative relationships with parents and others involved with children in early childhood settings are discussed. Strategies for communicating with parents and guardians about their children and incorporating the families’ goals and desires for their children into the early childhood program will be included.

ECME 115. GUIDING YOUNG CHILDREN. (3)
This class explores various theories of child guidance and the practical application of each. It provides developmentally appropriate methods for guiding children and effective strategies and suggestions for facilitating positive social interactions. Appropriate strategies for preventing and dealing with violence, aggression, anger, and stress will be explored. Emphasis is placed on helping children become self-responsible, competent, independent, and cooperative learners.

ECME 117. CURRICULUM DEVELOPMENT AND IMPLEMENTATION I. (3)
Co-requisite: ECME 117L Curriculum Development and Implementation Practicum I
This beginning curriculum course focuses on developmentally appropriate content in early childhood programs. It addresses content that is relevant for children birth through age eight and developmentally appropriate ways of integrating content into teaching and learning experiences. Information on adapting content areas to meet the needs of children with special needs and the development of IFSPs and IEPs are included. Curriculum development in all areas, including literacy, numeracy, the arts, health, science, social skills, and adaptive learning for children, birth through age eight, is emphasized.

ECME 117L. CURRICULUM DEVELOPMENT AND IMPLEMENTATION PRACTICUM I. (2)
Co-requisite: ECME 117 Curriculum Development and Implementation I
This course provides opportunities for students to apply knowledge gained from Curriculum Development and Implementation I and develop skills in planning developmentally appropriate learning experiences for young children from birth through age eight, including young children with special needs. Learning experiences will cover all content areas, including literacy, math, science, social studies, health/wellness, the arts, and adaptive skills for children, birth through age eight.

ECME 193. FOUNDATIONS/EARLY CARE. (3)
This course is designed for developing professionals in the field of early care, education, and family support, those “new to the field” as well as those already employed, but with no formal training. Course work will provide an initial introduction to the seven competency areas of early childhood education. Students will have an opportunity to observe and participate for ten hours in a local early care and educational setting. Upon successful completion of this course students will be awarded an Entry Level New Mexico Certificate.

ECME 202. INTRODUCTION TO READING AND LITERACY DEVELOPMENT. (3)
This course is designed to prepare early childhood professionals for promoting children’s emergent literacy and reading development. Through a developmental approach, the course addresses ways in which early childhood professionals can foster young children’s phonemic awareness, literacy problem solving skills, fluency, vocabulary, comprehension, and language development. This course provides the foundation for early childhood professionals to become knowledgeable about literacy
development in young children. An integrated language arts perspective and an interdisciplinary approach as it addresses developing writing, reading, and oral language in the home and school contexts will be addressed. Major instructional approaches and strategies to support children’s emergent literacy and reading skills will be presented.

ECME 217. CURRICULUM DEVELOPMENT AND IMPLEMENTATION II. (3)
Co-requisite: Curriculum Development and Implementation Practicum II
This basic course focuses on the learning environment and the implementation of curriculum in early childhood programs. Students will use their knowledge of content, developmentally appropriate practices, and language and culture to design and implement experiences and environments that promote optimal development and learning for children from birth through age 8, including children with special needs. Various curriculum models and teaching and learning strategies will be included. Prerequisite ECME 117.

ECME 217L. CURRICULUM DEVELOPMENT AND IMPLEMENTATION PRACTICUM II. (2)
Co-requisite: Curriculum Development and Implementation II (see separate syllabus)
This course provides opportunities for students to apply knowledge gained from Curriculum Development and Implementation II and develop skills in planning learning environments and implementing curriculum in programs serving young children, birth through age eight, including those with special needs. Prerequisite ECME 117L.

ECME 220. ASSESSMENT OF CHILDREN AND EVALUATION OF PROGRAMS I. (3)
This basic course familiarizes students with a variety of culturally appropriate assessment methods and instruments, including systematic observation. The course addresses the development and use of formative and summative program evaluation to ensure comprehensive quality of the total environment for children, families, and the community. Students will develop skills for evaluating the assessment process and involving other teachers, professionals and families in the process.

ECME 230. PROFESSIONALISM. (2)
This course provides a broad-based orientation to the field of early care and education. Early childhood history, philosophy, ethics and advocacy are introduced. Basic principles of early childhood systems are explored. Multiple perspectives on early care and education are introduced. Professional responsibilities such as cultural responsiveness and reflective practice are examined.

EARTH & PLANETARY SCIENCES

EPS 101. HOW THE EARTH WORKS-AN INTRODUCTION TO GEOLOGY. (PHYSICAL GEOLOGY). (3)
A fascinating tour of our active planet. Explore earth materials (rocks and minerals), the continents’ motions and related origins of earthquakes, volcanoes, mountain building, oceans, landscapes, natural energy and economic resources, global working and other topics. Concurrent: 105L.

EPS 105L. PHYSICAL GEOLOGY LABORATORY. (1)
Minerals, rocks, and topographic and geologic maps: field trips. Pre or co-requisite 101 or 103.

EPS 110. SHORT TOPICS IN EPS. (1 TO A MAXIMUM OF 3)
Eight week courses on selected topics relating directly to the human experience, e.g. volcanoes, extinctions, weather, earthquakes, New Mexico’s water, soils, nuclear hazards, geomagnetism, field geology, and the geology of everyday life.

EPS 211. DINOSAURS AND THEIR WORLD. (3)
Survey of the fossil record, evolution, paleobiology, and extinction of dinosaurs, and the animals with whom dinosaurs shared the earth.

EPS 212. HISTORICAL GEOLOGY. (4)
Origin and history of the earth including age of the planet and dating of rocks, changing configurations of oceans and continents as a result of plate tectonics, records of climate change, history of formation and erosion of mountain chains, origin and evolution of life and causes of
extinction. Required field trip and lab exercises permit understanding of how Earth history is interpreted from the geologic rock record. Prerequisite: 101 and pre- or co requisite: 105L.

EPS 225. OCEANOGRAPHY. (3)
The ocean as a physical and chemical feature and dynamic process.

EPS 250. GEOLOGY OF NEW MEXICO. (3)
Description of geologic features including structures, landforms, and mineral resources of New Mexico. For earth science teachers at high schools and junior high schools. Prerequisite: 101

EPS 251. METEOROLOGY. (3)
(Also offered as Geog 251.) Description of weather phenomena, principles of atmospheric motion, weather map analysis, and weather prediction.

ECONOMICS

ECON 105. INTRODUCTORY MACROECONOMICS. (3)
Economics on a national scale: determination of national income, employment level, inflation, and impact of policies affecting money supply, interest rates and government programs. Current macroeconomic issues and problems. (Prerequisite for most upper-division courses).

ECON 106. INTRODUCTORY MICROECONOMICS. (3)
Exploration of individual consumer behavior, production decisions by the firm, and supply and demand relationships in the marketplace. Examination of the international dimension of production and consumption choices. (Prerequisite for most upper division choices).

ECON 203. SOCIETY AND THE ENVIRONMENT. (3)
(Also offered as CRP 203.) Introduction to environmental and natural resource issues of both global and local scale. Investigates basic causes and consequences of environmental problems including interrelated physical and social science dimensions.

ECON 204. ORIGINS AND DEVELOPMENT OF ECONOMIC IDEAS. (3)
Introduction to economic ideas, theories and models. Emphasis is on foundations of economic analysis, history of economic ideas, development of economic models and economic behavior of individuals, groups, businesses and organizations.

ECON 212. PERSONAL INVESTING. (3)
Investment options available to the individual will be analyzed in terms of economic theories of capital markets. Risk, value, returns, and portfolio analysis.

ECON 239. ECONOMICS OF RACE AND GENDER. (3)
Examines the economic situation of women and minorities in the United States. Explores effects of race, gender, and ethnicity on the economic performance of workers and evaluates various strategies for social change.

EDUCATION

EDUC 220. EXPLORING SCHOOLS AND TEACHING. (3)
This course is open to all University students interested in exploring schools, teaching, contemporary education issues, and teaching as a profession.

EDUC 293. TOPICS IN EDUCATION. (1-3, no limit)
Various topics related to education from an interdisciplinary perspective.

EMERGENCY MEDICINE

EMS 101. EMT-BASIC. (6)
This is U. S. D. O. T. EMT-B course (120 hours) designed specifically for medical rescue and ambulance personnel who have access to specialized vehicles equipped with specialized items of equipment. The course trains pre-hospital emergency care providers to recognize and stabilize patients with life-threatening emergencies at the scene and in transport, utilizing the specialized
vehicles and specialized items of equipment. Prerequisite for EMT-1 and paramedic training. Restricted: Instructor approval required. $45 lab fee.

EMS 201. EMT-I. (5)
This course utilizes the standard U.S. D.O.T. curriculum, and involves 108 hours of didactic and laboratory sessions. Emphasis is placed upon pre hospital emergency patient assessment and care, with advanced airway management and intravenous therapy included. Prerequisite: 101. Restricted: Instructor approval required. Pre-testing required. $90 Lab fee.

Note: All paramedic courses require formal admittance into the Paramedic program. Admission requires successful completion of a formal pre-testing and interview process.

ENGLISH

ENGL 101. COMPOSITION I: EXPOSITION. (3)
This course encourages students to think, read, and compose as writers think, read, and compose. Students learn to read their own writing critically and, from feedback provided by both instructors and peers, revise their drafts into clear, readable, thoughtful essays. In the second half, students are introduced to the conventions of academic discourse, conduct research, and compose a longer essay that distinguishes them as experts on their chosen topic. Prerequisite: English 100 or equivalent.

ENGL 102. COMPOSITION II: ANALYSIS & ARGUMENT. (3)
In this course students engage, analyze, and synthesize complex ideas in essays that are argumentative in style and voice. In addition to reading and studying written texts, students experiment with rhetorical strategies that will enhance their written ability to persuade readers to accept as valid their carefully considered and supported positions. Prerequisite: English 101 or equivalent.

ENGL 150. THE STUDY OF LITERATURE. (3)
An introduction to the study and appreciation of literature for non-English majors. Shows how understanding writers' techniques increases the enjoyment of their works; relates these techniques to literary conventions; teaches recognition, analysis, discussion of important themes.

ENGL 211. TOPICS IN LITERATURE. (3 to a maximum of 6)
Surveys a specific type or area of literature, e.g., the American novel, the satiric novel, southern fiction, the western novel, American poetry, feminist literature, Chicano literature, Native-American literature, African-American literature, Medieval, and Viking literature. Primarily for non-majors. Prerequisite: English 150.

ENGL 219. TECHNICAL WRITING. (3)
This course is designed to familiarize students with the discourse of business, government, and higher education. Students will develop a topic relevant to their interests or careers through professional correspondence, proposals, critiques and summaries of researched sources, and a final full-length report (or study) that clearly establishes their authority over the subject matter. IN a workshop-based classroom, students will consult frequently with the instructor and collaborate with peer-colleagues throughout the semester. Prerequisite: ENGL 102 or equivalent.

ENGL 220. EXPOSITORY WRITING. (3 to a maximum of 6)
An intermediate course with emphasis on rhetorical types, structure, and style. Prerequisite: 102 or its equivalent.

ENGL 221. CREATIVE WRITING: PROSE FICTION. (3)
To develop facility, strength, and enjoyment in writing creative short prose, through exposure to first rate narratives (short story and autobiographical), a diverse number of writing activities in a workshop setting, the teaching of listening and editing techniques, and the support of a non-threatening group of peer writers. Prerequisite: 101 or its equivalent.

ENGL 222. CREATIVE WRITING: POETRY. (3)
Poetry writing workshop course. Prerequisite: ENGL 101 or its equivalent.
ENGL 290. INTRODUCTION TO PROFESSIONAL WRITING. (3)
Introductory course in the professional writing concentration. Study of technical writing, public information and public relations writing, and freelance nonfiction writing. Prerequisite: ENGL 102 or its equivalent.

ENGL 292. WESTERN LITERATURE/WORLD CONTEXTS. (3)
Western literature from classical Greece through the Renaissance complemented by texts from other traditions. Classical World, Middle Ages, Renaissance; Homer, Sophocles, Virgil, Dante, Chaucer, Shakespeare, the Bible.

ENGL 293. WESTERN LITERATURE/WORLD CONTEXTS. (3)
Western literature from the Enlightenment to the present complemented by texts from other traditions. Modernism, Swift, Voltaire, Goethe, Thoreau, Freud, Eliot.

ENGL 296. EARLIER AMERICAN LITERATURE. (3)
A general survey of American literature to the mid-19th century.

ENGL 297. LATER AMERICAN LITERATURE. (3)
A general survey of American literature from the mid-19th century to the present.

ENGL 298. WORKSHOP IN LITERATURE OR WRITING. (3 to a maximum of 6)
Various topics in literature, language, and writing.

ENGLISH (INTRODUCTORY COURSES)

ISE 010. ENGLISH FUNDAMENTALS. (3)
Intensive study of basic vocabulary, grammar and mechanics, sentence structure, paragraph, and essay development. Reinforcement of reading, study and other academic skills. Not accepted toward degree/certificate programs. Co requisite: ISR 020, to be determined by placement test score. Offered on a CR/NC basis only.

ISE 100. ESSAY WRITING (3)
Prepares students for first-year college composition by providing practice of the rhetorical and grammatical skills necessary to write purposeful, reader-centered essays. Covers effective use of a writing process in out-of-class essays and in timed, in-class situations. Incorporates readings for discussion of ideas and for information to be used in students' writing. Satisfactory completion of ENGL 100 meets prerequisite for ENGL 101. Co requisite: ISR 021, to be determined by placement test score. Offered on a CR/NC basis only.

ENVIRONMENTAL SCIENCE

ENVS 101. The Blue Planet. (3)
This course covers global change and environmental concerns and weaves together an understanding of earth’s lithosphere, atmosphere, and oceans and how ecosystems are linked to the physical environment. Students are encouraged but not required to enroll concurrently in 102L.

ENVS 102L. The Blue Planet Laboratory. (1)
Introductory environmental earth science laboratory. Includes minerals, rocks, and rock cycle, topographic maps, local geology and groundwater, weather and climate. Pre- or co requisite. 101

FAMILY STUDIES

FS 213. MARRIAGE AND FAMILY RELATIONSHIPS. (3)
Overview of significant research and theories in premarital, marital and family relationships.

FS 281. INTRODUCTION TO FAMILY STUDIES. (3)
An introduction to the profession of Family Studies including content areas, community agencies, and career opportunities.

FS 252. PRINCIPLES OF INTERVIEWING. (3)
Basic knowledge of the interviewing process with emphasis on developing interviewing skills.
Awareness of ways in which the student's background and behavior influence the interview. Videotaped class interviews provide material for discussion and critique.

**FRENCH**

FREN 101. ELEMENTARY FRENCH. (3)
This course provides a foundation in reading writing, listening, and speaking for all subsequent courses.

FREN 102. ELEMENTARY FRENCH. (3)
This course is designed to complement and follow French 101. Having mastered the basics contained in French 101, this class expands on more advanced forms of conversational speaking, reading, grammar, vocabulary, history, and culture.

FREN 103. ELEMENTARY FRENCH CONVERSATION. (3)
This is a supplementary course to French 101-102 for students interested in additional practice in phonetics (103) and communication skills (104).

FREN 201. INTERMEDIATE FRENCH I. (3)
Review of grammar and development of communication skills, conducted mostly in French.

FREN 202. INTERMEDIATE FRENCH II. (3)
This is a conclusion to the presentation of grammar, development of communication skills, introduction to reading of French Literature. By the end of the course, classes will be conducted entirely in French.

**GENERAL STUDIES**

GNST 192 T/AMERICAN INDEPENDENT CINEMA. (3)
This course will offer an introduction to recent American independent film, with special emphasis on issues of diversity and marginalization as reflected in works by current film makers. This course is designed to interact with the Taos Talking Pictures Film Festival: students in this course will have an opportunity to serve on a film jury which evaluates films entered into the festival, participate in festival screening and special events, and meet with independent film makers in attendance at the festival.

GNST 293. T/LIFE SKILLS. (3)
This is a discussion and guided assignment class, which explores the transitions from high school to career. Class lessons will provide an overview of various models for planning, implementing and evaluating transition focused needs and education. Readings, discussions, and activities will increase the students knowledge and skills in individual development planning, evaluating, curricula and collaborating with community agencies and families. Each student will be required to map out during this course an individual development plan.

GNST 293. T/KINETIC LEARNING ACROSS THE CURRICULUM. (3)
This course prepares teachers to use kinetic learning experience in a wide varsity of curricular areas as well as for students' personal development. Teachers participate in movement sessions related to learning language arts, math, social studies, science, and critical thinking.

GNST 293. T/INTRODUCTION TO BRAZILIAN CULTURE. (3)
This course will offer a general overview of Brazilian culture. Students will examine the historical background of the Brazilian populace, and will explore Brazil's religious traditions, music and dance, sports and popular festivals, media arts and contemporary literature.

GNST 293. T/INTERNSHIP CREDIT. (3)
Project or credit for work related to program of study. Students must obtain approval by departmental advisor or instructor approval.

GNST 293. T/ZERO WASTE. (3)
This course investigates current practices in reducing and eliminating waste and inefficiency in systems. Students will study examples of local and regional activities which have a negative impact on the environment and the economy. They will then develop creative solutions that address
employment, business development, and environmental issues in the region.

GNST 293. T/CAMPUS ECOLOGY. (3)
Students will study the UNM-Taos campus for energy efficiency, indoor environmental quality, land use planning, water use, wastewater treatment, and waste disposal. Students will compare other campuses and community solutions to come up with creative solutions for the long range sustainability of the UNM-Taos campus.

HEALTH EDUCATION

HED 164L. STANDARD FIRST AID. (1-3, maximum of 3)
Preparation in knowledge and skills to meet the needs in situations when basic first aid care is needed. Students eligible for Standard First Aid Certification and CPR Certificate.

HOLISTIC HEALTH AND HEALING ARTS

HHHA 101. INTRO TO HEALING ARTS. (3)
This course introduces students to various theories and modalities of practice in the Healing Arts. An overview of Eastern and Western philosophies and the technologies which encompass them will be taught and demonstrated to students. This course is both didactic and experiential in nature.

HHHA 102. MEDITATION, CONSCIOUSNESS AND SELF-HEALING. (3)
This course teaches the history and application of practical techniques for awakening the subtle body. Creative meditation and personal mythology will be explored as a basis for mobilizing the mind/body spirit to use inner resources for self-healing.

HHHA 103. KUNDALINI YOGA. (3)
The fundamentals of Kundalini Yoga, including exercise sets (Kriyas), breathing techniques (pranayam), and mental concentration and relaxation techniques; i.e. meditation. The focus is on strengthening the nervous system and balancing the endocrine glandular system.

HHHA 104. HATHA YOGA. (3)
Hatha Yoga is a study of yogic postures as a form of health maintenance. Students will study asanas (postures) and pranayama (breath work). Students will study the use and purposes of asanas.

HHHA 105. TAI CHI. (3)
Taijiquan as applied for daily living will be taught. Students will learn how this famous time-rested system for health, self-defense, to manage stress, and to access areas deep within the body and consciousness normally not accessed. This course will help students to build whole-body awareness and strength and more fully understand themselves.

HHHA 106. INTRODUCTION TO MASSAGE. (3)
Develop your Healing Art of Touch. You will learn Basic massage, Swedish massage, Sports massage, Acupressure, and Reflexology. You will enhance your intuition, learn body reading, & effective body mechanics so you learn to be relaxed as you give the massage.

HHHA 107. MASSAGE: BODY/MIND CLEARING I, UPPER BODY. (3)
You will learn innovative Body/Mind Clearing massage techniques for the upper body (Deep Connective Tissue Work, Applied Kinesiology, & body-centered facilitation skills, within the self-expression model of hearing)

HHHA 108. MASSAGE: BODY/MIND CLEARING II, LOWER BODY. (3)
You will learn innovative Body/Mind Clearing massage techniques for the lower body (Deep Connective Tissue Work, Applied Kinesiology, and body-centered facilitation skills, within the self expression model of healing).

HHHA 109. MASSAGE: BODY/MIND CLEARING III, HIPS/TORSO. (3)
You will learn innovative Body/Mind Clearing massage techniques for the hips/torso of the body (Deep Connective Tissue Work, Applied Kinesiology, and body-centered facilitation skills, within the
self expression model of healing).

HHHA 110. APPLIED KINESIOLOGY AND ORIENTAL MESSAGE. (3)
An introduction to kinesiology and oriental message focusing on acupressure meridian massage and muscle testing.

HHHA 111. JOURNAL WRITING AS A HEALING ART. (3)
An experiential course to develop a self-nourishing journal-writing practice and to explore ways in which journal writing may be used as a tool in healing self and others.

HHHA 113. THE HEALING POWER OF SONG. (3)
Singing is a basic human need. Learn the healing power of song as you learn to find and free your natural voice through breath and song. Songs from all over the world will be taught.

HHHA 114. KUNDALINI YOGA AND COMMUNICATION. (3)
We will experience Kundalini Yoga Kriyas, pranayam and meditations, as well as reading in yoga literature. We will read the words written by and about those who have attained the goal of yoga, as defined by Patanjali. We will note the impact our yogic practices have on our communication with friends, family, and society. Partner yoga will be explored as one vehicle to refine communications, in and out of the classroom.

HHHA 115. AYURVEDA: THE SCIENCE AND ART OF LIFE AND LONGEVITY. (3)
This course introduces students to the 5,000-year-old science of ayurveda which originated in India. An overview of this ancient art and science of self-healing will be presented with the focus on how to apply this knowledge base to current lifestyles in the west.

HHHA 116. INTRODUCTION TO TRADITIONAL ORIENTAL MEDICINE. (3)
This course introduces students to the theory, practice and historical development of Traditional Oriental Medicine. An overview of the major theoretical concepts governing this medicine and its historical context, in both ancient and modern times, will be presented.

HHHA 117. DREAMS, VISION, AND ARTMAKING/IMAGERY AS A HEALING TOOL. (3)
An experiential course on consciousness, exploring the relationship between meditation visualization dreams and creativity. Techniques for and the use of meditation and imagery (visualization) for personal growth, creativity, healing, and art making will be taught.

HHHA 118. MASK MAKING AS A HEALING ART. (3)
A “hands-on -creative class” and laboratory using a myriad source of materials to create the LIFE MASK of each student. As the course develops and student’s awareness of the mask expands, we will create characters and abstract masks.

HHHA 119. WOMAN AS HEALER. (3)
History and treatment as consumers and practitioners of health care in Western cultures; changes and issues unique to women and their relationships in American society; community resources for women.

HHHA 120. OUTCOME BASED PATIENT CARE IN ALTERNATIVE MEDICINE. (3)
Specially designed for the complimentary medicine practitioner, this course will begin to introduce the practitioner to outcome-based patient care and its infrastructure (its knowledge based information, process standardization methods, outcomes measurement/evaluation, data requirements information technology supports.) The emphasis will be on helping practitioners to assess patients and develop treatment plans with the greatest possibility for positive clinical outcomes. In addition, this course will help the practitioner to better work with patients, their families, and with other disciplines to serve the needs of the patient.

HHHA 121. HEALTH, HEALING AND CULTURE. (3)
This course, originally designed for the health care professional, will focus on strategies and practices that can enhance cultural competency for all care providers. This course will examine cultures, and the diversity of ways that humans have learned to deal with illness, pain, and healing. The course will explore how culture impacts health care beliefs, rituals/practices, and compliance
with treatment regimens. It will expose the students to current ideas, models, and practices in culture-specific care communication and guidelines in interviewing, assessing, and developing of treatment plans for the culturally diverse client/patient.

HHHA 122. HOLISTIC WELLNESS. (3)
This course will offer the students an opportunity to learn how they can attain an optimal level of health through nutrition, fitness, and alternative styles of healing.

HHHA 123. INTERIOR ALIGNMENT FOR HOME AND BODY. (3)
This course will work with understanding energy flow and how it moves through our bodies creating our own signature movements. Each student's authentic movement will be discovered and witnessed. Once students comprehend their movement symbols, they can understand which spaces will support their movement patterns. Movements and environments that block the flow of personal expression will be identified as well as spaces and movements that facilitate each student's identity. Students will work in groups to understand their own patterns and learn how to identify patterns in others.

HHHA 124. FENG SHUI. (3)
The goal of this course is to learn how energy flows as defined by the “Chinese art of placement” applied to houses, offices, and treatment centers. By the end of the course, students will be able to do a beginning assessment of their own home using the principles of Intuitive Feng Shui. Students will also have experiences that point to the metaphors for their life manifested in how they arrange their environment and how to change their living spaces to empower their ambitions in life.

HHHA 125. DANCE THERAPY. (3)
This course will be a thorough experience of some of the different types of Dance Therapy originating from the various women who founded the field. Each way of working will be discussed so that application and history are understood. The students will also experience each history personally so they have a direct understanding of how each mode of Dance Therapy is employed. Ways of using Dance Therapy as a part of other modes of treatment will also be addressed so each student sees the relationship that the body and its messages have to their treatment modality.

HHHA 126. FELDENKRAIS. (3)
This course consists of movement lessons in the Feldenkrais Method. Each class will contain an Awareness Through Movement lesson. Students learn how they learn using the lessons to discover maximum efficiency with minimum effort. These lessons are excellent for the performing and non-performing artist, broadening their sense of using themselves and awareness of space and physical function.

HHHA 127. AIKIDO. (3)
Aikido essentially means “the way of harmony with the force and principle of nature”. The focus of training is simple and practical through the repetitive practice of various motions known as kata (forms). Aikido practice invariably brings greater self-awareness. The integration of body, mind, and spirit is a natural growth process, which occurs through the daily practice of Aikido.

HHHA 128. ASTROLOGY AS HEALING ART. (3)
Astrology is an ancient healing art that helps individuals gain a perspective on their personality, potential, and the events in their lives. Students will learn the basics of astrology – signs, houses, plants, and aspects and how to put them together to read a chart. Examples from charts of famous people will be used. Students will receive a copy of their birth chart.

HHHA 129. QI GONG: FOUNTAIN OF LIFE. (3)
This course focuses on introducing the ancient Chinese practice of using Qi (breath, or life force) to awaken our intrinsic self-healing energy for internal cultivation and holistic healing.

HHHA 130. EMOTIONAL HEALING. (3)
This course is a vehicle for students to learn to become consciously aware of how inner feeling and the psychological conditioning attached to them influences the state of health. A holistic health
approach is utilized to support the development of physical awareness and emotional self-healing. Due to its content this course is didactic, however mostly experiential.

HHHA 201. EMERGENCY MEDICINE AND MASSAGE. (3)
Exploration of physical and energetic healing systems used through the millennium by healers, medicine men/women, and shamans across cultural lines. Lectures will be interspersed with movement, meditations, individual and group processing, as well as practical hands on massage and energy work techniques, taught from an intuitive perspective.

HHHA 201 SACRED CEREMONY: POEMS, PRAYERS, RITUALS AND PRACTICES FROM AROUND THE WORLD. (3)
“Come, come, whoever you are!” as the mystic poet Rumi exclaimed. We will read sacred poetry, prayers, and songs from religious and spiritual traditions throughout the world’s various times and cultures. We will also share and learn about rituals and practices from the world’s major traditions. Guest speakers will help in our explorations. Emphasis is on connections with healing and the sacred.

HHHA 202. MEDITATION AND THE CREATIVE ARTS. (3)
An exploration of the ways in which meditation practice can inform and inspire creativity and the practice of the arts. We’ll experiment with various meditation and mindfulness techniques, with art forms including drawing, calligraphy, writing, photography, and music to access our deepest sources of creative expression.

HHHA 203. KUNDALINI YOGA II. (3)
Kundalini Yoga II is for students who choose to deepen their practice gaining more benefits by incorporating yoga in their lifestyle as a support for their studies and their activities. This course focuses on the further development and understanding of yoga as an integrative health practice. This course is essential for students pursuing a vocation in Kundalini Yoga instruction.

HHHA 204. HATHA YOGA II. (3)
This Hatha Yoga II class is a continuation of Hatha Yoga 104. It will be a study of yogic asanas (postures) vinyasas (continuous sequences of asanas) as well as pranayama (breath work).

HHHA 227. AIKIDO II. (3)
This course is designed to provide an ongoing presentation of the practice of Aikido. Students need to have successfully completed Aikido I to participate in this class. The focuses of training are the continued practice of and increase in the variety of Aikido techniques.

HHHA 229. AIKIDO: SWORD AND STAFF. (3)
This course is designed to provide an introduction and orientation to the basics of Aikido weapons practice through sword and staff work. The focus of weapons training is simple and practical through the repetitive practice of various motions known as “kata” (forms). The rewards of training can include a greater overall sense of well-being, strength, stamina, suppleness, sensitivity, coordination, confidence, balance and flexibility.

HHHA 293. TOPICS. (3)
Selected issues and topics in Holistic Health and Healing Arts.

HEALTH CAREERS DENTAL ASSISTANT

HCDA 101. INTRODUCTION TO DENTAL ASSISTING. (3)
This course will introduce the student to four-handed dentistry to include: asepsis and OSHA recommendations related to general operative procedures, medical history, vital signs, and charting.

HCDA 120. PRE-CLINICAL DENTAL ASSISTING I (4)
An introduction to four-handed dentistry including aseptic techniques, moisture control, local anesthesia, instrumentation, dental materials, and general operative.

HCDA 125. PRE-CLINICAL DENTAL ASSISTING II. (4)
A continuation of pre-clinical I with emphasis on four-handed techniques in six recognized specialties. $100 lab fee.
HCDA 145. CLINICAL DENTAL ASSISTING I. (3)
Clinical application of basic dental and behavioral science to the practice of dental assisting.

HCDA 155. CLINICAL DENTAL ASSISTING II. (3)
Clinical application of basic dental and behavioral science to the practice of dental assisting with an emphasis on refinement of chair side skills.

HCDA 230   DENTAL RADIOLOGY. (3)
Instruction in the basic principles of radiation physics, and modern intra- and extra-oral dental radiographic techniques. It includes exposing radiographs, arrangement and care of darkroom equipment, composition and preparation of developing solutions, processing and mounting films. Radiation safety and protection guidelines will be emphasized.

HCDA 240   DENTAL EDUCATION. (3)
Various aspects of dental disease prevention will be covered. This will include coronal polishing of teeth, providing one-on-one oral hygiene instruction, the importance of nutrition, and the psychology of patient behavior.

HCDA 164. SEMINAR IN DENTAL ASSISTING. (3)
This unit is designed to instruct the student in the basic fundamentals of legal aspects in dentistry. It includes both didactic and clinical application.

HEALTH CAREERS HEALTH SCIENCES

HCHS 111. MEDICAL TERMINOLOGY. (3).
An introduction to terminology used in health careers. It will provide a basic knowledge of prefixes, suffixes, and root words used in describing anatomical parts of the human body as well as general terms relating to disease processes.

HCHS 111. CONCEPTS OF DISEASE TRANSMISSION. (4)
This course will introduce the student to the fundamental concepts and biological principles of disease causing organisms. The function of disease producers and the ways in which humans can control such organisms will be discussed. $40 lab fee.

HISTORY

HIST 101. WESTERN CIVILIZATION (3).
Ancient times to 1648.

HIST 102. WESTERN CIVILIZATION (3).
1648 to present.

HIST 161. HISTORY OF THE UNITED STATES. (3)
Survey of the economic, political, intellectual, and social development of the United States, including the place of the U.S. in world affairs from 1607 to 1877.

HIST 162. HISTORY OF THE UNITED STATES. (3)
Survey of the economic, political, intellectual, and social development of the United States, including the place of the U.S. in world affairs from 1877 to the present.

HIST 220. STUDIES IN HISTORY. (3)
Will vary from instructor to instructor but will offer a review of particular historical issues designed for the non-specialist. Course may be repeated without limit provided the topics vary.

HIST 260 NEW MEXICO HISTORY. (3)
Survey from Cabeza de Vaca to 1912.
HUMAN SERVICES

HS 101. INTRODUCTION TO HUMAN SERVICES. (3)
An overview of the care givers, the delivery systems, and the types of services provided within the field of Human Services, with particular emphasis on the development of the field and the roles and functions performed by these "new professionals." Pre- or Co requisite: ENGL 100.

HS 102. PRINCIPLES OF INTERVIEWING. (3)
Provides basic knowledge of the interviewing process with emphasis on developing interviewing skills. Develops an awareness of ways in which the student’s background, attitude, and behavior influence the interview.

HS 105. GROUP DYNAMICS. (4)
Drawing on both theoretical and observer-participation models, students will explore various relationships as they develop in dyads, small-group and large-group settings. Relates practical experience from field placement to group models of interaction. Prerequisite: HS 101 or HS Coordinator permission.

HS 109. TECHNIQUES OF ASSESSMENT AND INTERVENTION. (3)
The course surveys means of obtaining and evaluating information about difficulties which bring people to mental health or social service settings and introduces students to various techniques and processes for assisting individuals, groups, and families. Prerequisite: HS 101 and 102.

HS 201. FAMILY PROCESS: FUNCTIONAL AND DYSFUNCTIONAL FAMILIES. (3)
Assists in developing student’s understanding of how families function in today’s society, in terms of their ability to cope with various sources of stress. Describe theoretical and therapeutic systems which serve as a guide for family intervention.

HS 202. CONTEMPORARY ISSUES IN MENTAL HEALTH. (3)
Current social, ethical, legal, and medical issues, including community mental health, patients’ rights, and side effects of psycho pharmacology (*Offered by agreement with Human Services Program 202)

HS 250. CLINICAL EXPERIENCE IN HUMAN SERVICES. (4)
Practical experience in a clinical setting involving service to clients and patients in various human service agencies; understanding the helping process. Prerequisite: HS 101, 102, 109 & Psych 105 or HS Coordinator permission.

HS 251. ADVANCED CLINICAL EXPERIENCE IN HUMAN SERVICES. (4)
Continuation of HS 250 with increased student responsibility for client/care service. Weekly seminar. Prerequisite: HS 101, 102, 109, 250 & Psych 105 or HS Coordinator permission.

HS 252. ADVANCED CLINICAL EXPERIENCE IN HUMAN SERVICES. (4)
Continuation of 251 with increased student responsibility for client/care service. Weekly seminar. Prerequisite: HS 101, 102, 109, 250, 251 & Psych 105 or HS Coordinator permission.

HS 293. TOPICS. (3)
Selected issues and topics in Human Services.

LINGUISTICS

LING 101. INTRODUCTION TO THE STUDY OF LANGUAGE. (3)
(Also offered as ANTH 110.) This class is a broad overview of the nature of language: language structure, biology of language, language learning, language and thought, bilingualism, social and regional variation, and educational implications. It is intended to fulfill the breadth requirements in any college.
MANAGEMENT

MGMT 101. FUNDAMENTALS OF ACCOUNTING I. (3)
This course covers the accounting cycle and financial statements with emphasis on sole proprietorship.

MGMT 102. FUNDAMENTALS OF ACCOUNTING II. (3)
Continuation of 101, including corporation and manufacturing accounting and decision making.
Prerequisite: MGMT 101.

MGMT 113. MANAGEMENT: AN INTRODUCTION. (3)
Modern concepts of organizations and their management in a dynamic world. An overview of managerial activities within business and other organizations.

MGMT 222. INTRODUCTION TO MARKETING. (3)
An overview of marketing in general, course content will cover market analysis, product, pricing, distribution and promotion strategies, marketing management, target marketing, terms and principles applied to case situations.

MGMT 290. STATISTICAL METHODOLOGY. (3)
(Also offered as MATH 245.) Sample spaces, random variables, probability densities expectation, variance, correlation, estimation, confidence intervals, hypothesis testing power. Specific applications will include T-test, one-way analysis of variance, simple linear regression, and correlations. Applications of business will be emphasized. Prerequisites: MATH 162 or equivalent.

MATHEMATICS

MATH 106. PROBLEMS IN INTERMEDIATE ALGEBRA: (1)
Study session for 120 with an emphasis on problem solving. Offered on a CR/NC basis only. Co-requisite: 120

MATH 107. PROBLEMS IN COLLEGE ALGEBRA. (1)
Study session for MATH 121 with an emphasis on problem solving. Offered on a CR/NC basis only. Co-requisite: 121

MATH 110. PROBLEMS IN ELEMENTS OF CALCULUS I. (1)
Study session for MATH 180 with an emphasis on problem solving. Offered on a CR/NC basis only. Co requisite: 180

MATH 111. MATHEMATICS FOR ELEMENTARY AND MIDDLE SCHOOL TEACHERS I. (3)
The intuitive and logical background of arithmetic; properties of sets; algorithms of arithmetic in base ten and other bases, properties of the integers, mathematical terminology, elements of number theory, problem solving. Prerequisite: fulfillment of department placement requirements or CR in IS-Math 100.

MATH 112. MATHEMATICS FOR ELEMENTARY AND MIDDLE SCHOOL TEACHERS II. (3)
The properties of rational number system, extension to the irrationals, decimal and fractional representation of real numbers, geometry and measurement. Prerequisite: C (not C-) or better in MATH 111.

MATH 120. INTERMEDIATE ALGEBRA. (3)
As preparation for MATH 121 or MATH 150. Covers linear equations and inequalities, polynomials, factoring, exponents, quadratic equations. Prerequisites: High school Algebra I and adequate ACT mathematics score, or a CR in Math 100. Not open to students with credit for mathematical courses numbered 121 or above. Acceptable as credit toward graduation, but not acceptable to satisfy the Arts and Sciences mathematics group requirement. Co-requisite: MATH 125L. Offered on a CR/NC basis only.

MATH 121. COLLEGE ALGEBRA. (3)
Algebra as preparation for Math 180. Includes the study of equations, inequalities, graphs, functions,
exponential and logarithmic functions, systems of equations and inequalities, and polynomials. 
Prerequisite: fulfillment of department placement requirements or a grade of CR in Math 120.

MATH 129. A SURVEY OF MATH. (3) 
An introduction to some of the great ideas of mathematics, including logic, systems of numbers, 
sequences and series, geometry, and probability. Emphasizes general problem solving skills. 
Prerequisite: fulfillment of department placement requirements or a grade of C (not C-) or better in 
Math 120.

MATH 145. INTRODUCTION TO STATISTICS. (3) 
Techniques for the visual presentation of numerical data, descriptive statistics, introduction to 
sampling and statistical inference, illustrated by examples from a variety of fields. Prerequisite: 
fulfillment of department placement requirements or a grade of CR in Math 120.

MATH 162L. CALCULUS I. (4) 
Derivative as a rate of change, intuitive, numerical, and theoretical concepts, applications to 
graphing, trigonometric and exponential functions, integral as a sum, relation between integral and 
derivative, applications, mean value theorem. Prerequisite: fulfillment of department placement 
requirements or C (not C-) or better in Math 150 and Math 123.

MATH 163L. CALCULUS II. (4) 
Applications of the definite integral, transcendental functions, techniques of integration, improper 
integrals, numerical methods of integration, and infinite series. Prerequisite: C (not C-) or better in 
Math 162L or permission of department chairperson.

MATH 180. ELEMENTS OF CALCULUS I. (3) 
Emphasis is on applications. Intended primarily for students pursuing degrees in business, biological 
and social sciences, and most technology areas. Course covers derivative as rate of change, 
techniques of differentiation, exponential and logarithmic functions, anti-differentiation and the 
definite integral. Prerequisite: Adequate score on placement test or grade of C or better in MATH 150.

MATH 181. ELEMENTS OR CALCULUS II. (3) 
Includes the definite integral, multivariate calculus, simple differential equations, basic review 
of trigonometry and its relation to calculus. Prerequisite: C (not C-) or better in 180 and some 
knowledge of trigonometry or 123.

MATH 215. MATHEMATICS FOR ELEMENTARY AND MIDDLE SCHOOL TEACHERS III. (3) 
Topics from probability and statistics, coordinate geometry, algebra, some applications of 
mathematics, elements of logic, enrichment topics for the classroom. Introduction to programming. 
Prerequisites: C (not C-) or better in MATH 111 and 112.

MATHEMATICS (INTRODUCTORY STUDIES) 

MATH 099. PRE-ALGEBRA. (4) 
This course prepares students for algebra. Topics include operations on fractions and decimals; 
ratios, proportions and percents, sign number operations, measurement, elements of geometry, 
elements of algebra and word problems. CR/NC. Lab fee.

MATH 100. ARITHMETIC & INTRODUCTORY ALGEBRA. (4) 
A basic skills course. Arithmetic and introductory algebra for students who are not prepared to begin 
at the intermediate algebra level. Does not count toward Associate Degrees. CR/NC or ABC/PR/NC. 
Lab fee.

MEDIA ARTS 

MA 111. TECHNICAL INTRODUCTION TO VIDEO PRODUCTION. (3) 
This class is designed for the student who has no practical knowledge of video technology. Students 
learn about the camera and lens, sound recording, lighting, editing, and other elements of production. 
$25 lab fee.
MA 210. INTRODUCTION TO FILM. (3)
This course is an analysis of film as a unique art and a survey of main trends in film history. It will include screening and critical study of major films. It will not count toward the major in art history or art studio. MA 210 is a prerequisite to 300 and 400 level Media Arts Courses. $25 lab fee.

MA 212. BEYOND HOLLYWOOD. (3)
An introduction to marginalized cinemas with screenings of major works. A course fee is required.

MA 216. TOPIC IN FIELD PRODUCTION. (3)
These courses strengthen students skills in video technology while helping them write, direct, and edit video projects that begin to reflect a personal, artistic vision. $25 Lab Fee.

MUSIC

MUS 102. MUSIC THEORY FOR NON MAJORS. (3)
Students will develop awareness of basic elements of melody, rhythm, harmony, form and expression through involvement as singers, players, creators, movers, listeners, and readers of music. Designed for students with little or no musical training.

MUS 113. MEXICAN GUITAR. (1)
This a beginning guitar course that will introduce students to basic methods of chording and strumming with an emphasis on traditional Spanish music. Nylon-stringed guitars are preferable, though steel strings may be used.

MUS 114. MEXICAN GUITAR. (1)
This is a continuation of Music 113. Prerequisite: Music 113.

MUS 139. MUS APPRECIATION. (3)
This is a non-technical course designed to expand the student’s ability to listen actively. Repertoire includes compositions from chamber music and symphonic literature. Listening lab required.

MUS 143. UNIVERSITY CHORUS. (1)
Large mixed chorus. Open to all university students; no audition required. Maximum of 8 hours credit allowed toward degrees in the BUS, in the College of Fine Arts or in the College of Education; 4 hours in other colleges.

MUS 172. JAZZ HISTORY. (3)
This course is a study of the evolution of jazz in the United States from its beginnings to the present.

MUS 292. TOPIC: GUITAR I. (3)
This course is based on group lessons in guitar for beginners. Various traditions will be introduced.

MUS 292. TOPIC: GUITAR II. (3)
Students will learn theory as it applies to the instrument. They will learn the rudiments of music, including basic rhythm, melody, scale construction, chording, and note reading.

MUS 293. TOPIC: GOSPEL/JAZZ CHOIR. (3)
This is a performance-oriented course for singers and a rehearsal and performance of gospel/jazz repertoire. The emphasis is on harmony, rhythm, phrasing and the basic elements required for a professional musical presentation. Prerequisite: Music 293T TOPIC: Voice Lab OR instructor approval.

MUS 293. TOPIC: GROUP VOICE I. (3)
Students will learn basic vocal techniques and how to free and open the voice. Songs from around the world will be taught.

MUS 293. TOPIC: VOICE LAB (formerly Vocal Technique). (3)
This is a performance-oriented course for beginning or intermediate singers. Students will explore a variety of vocal techniques and musical styles and will also have the opportunity to work on individual repertoires as well as ensemble pieces. Musical styles will include gospel, jazz, and world music. Co-
requisite: Music 293T TOPIC: Gospel/Jazz Choir.

MUSIC EDUCATION

MUSE 298. MUSIC FOR THE ELEMENTARY TEACHER. (3)
This course will help to prepare elementary classroom teachers to teach music education in a self-contained classroom in traditional and open situations.

NATIVE AMERICAN STUDIES

NAS 150. INTRODUCTION TO NATIVE AMERICAN STUDIES. (3)
Examines the unique status of sovereign Native nations/tribes from pre-contact until 1871 and provides an introduction and foundation for understanding social, geographic, and linguistic differences among indigenous populations in North America from a Native perspective.

NAS 252. THE NATIVE AMERICAN EXPERIENCE. (3)
(Also offered as AMST 252.) Introductory survey of Native American history, culture, and contemporary issues. Students read literature by and about Native Americans covering a variety of topics including tribal sovereignty, federal policy, activism, economic development, education, and community life.

NAS 255. TOPICS IN NATIVE AMERICAN STUDIES. (3)
Topics courses taught by Native and non-Native faculty from the University of New Mexico and community, varying according to instructor’s expertise. May be repeated as topic varies.

NATURAL SCIENCES

NTSC 261. PHYSICAL SCIENCE. (4)
For pre-services K-8 teachers only. A broad, inter-disciplinary introduction to the science of geology, chemistry, physics and astronomy, with emphasis on the science processes and inquiry. The course is activity-based, utilizing a problems-and-issues based approach; various teaching methods are modeled and practiced by students.

NTSC 262. LIFE SCIENCE. (4)
For pre-services K-8 teachers only. An activity-based study of science topics including botany, cell biology, genetics, microbiology, and zoology with emphasis on science processes and inquiry. Various teaching methods are modeled and practiced by students; some field experiences may be required. Prerequisite: NTSC 261

NTSC 263. ENVIRONMENTAL SCIENCE. (4)
For pre-service K-8 teachers only. An activity-based interdisciplinary study of major issues in environmental science with emphasis on science process, scientific investigations, and field-based activities. Course topics include current issues on population, healthy ecosystems, and natural resources. Various teaching methods are modeled and practiced by students. Prerequisites: NTSC 262 and ENGL 100 (or ENGL placement score of 12.0 and above). $25 lab fee.

NUTRITION

NUTR 120. NUTRITION FOR HEALTH. (3)
General concepts of nutrition applied to food choices that support health. Cultural, psychological, and economic implications of food choices.

NUTR 244. HUMAN NUTRITION. (3) This course provided an overview of all the nutrients including function in the body and food sources. Dietary guidelines intended to promote long term health are stressed. Prerequisites: BIOL 121L or 123L, CHEM 111L or CHEM 121L, or the equivalent.

OUTDOOR EDUCATION

GNST 293. WILDERNESS SKILLS. (3)
This course focuses on the wilderness experience and covers topics including safe back country
travel, gear and clothing, wilderness first-aid, navigation, edible and medicinal plants, survival and primitive skills. A backpacking excursion will be offered during this course. $25 lab fee.

GNST 293. WILDERNESS FIRST AID
American Red Cross Wilderness First Aid Basics. This course teaches basic skills dealing with injuries and illnesses in remote settings. Upon completion, participants will receive an American Red Cross card valid for three years. $65 lab fee.

GNST 293. WILD FOODS AND WILD MEDICINE. (3)
This course focuses on the wild plants of the Taos area. Students will hike in the natural terrain and learn to identify local plants while also learning their edible, medicinal, and nutritional qualities. $25 lab fee.

PARALEGAL STUDIES

PLTR 101. INTRODUCTION TO PARALEGAL STUDIES. (3)
This course will provide an introduction and an overview of the various forms of being a legal assistant, as well as an introduction to the American legal system (including civil, criminal, administrative, and regulatory law), and a very basic introduction to legal research and writing, as well as ethical considerations of the legal profession.

PLTR 102. LEGAL RESEARCH AND WRITING. (3)
This course will provide an introduction to basic legal research, including both conceptual thinking, legal research, and writing skills. Students will be introduced to legal research process (both manual and computer), including how factually-based problems can be researched and how the various primary and secondary research sources are used and coordinated.

PLTR 103. LOCAL GOVERNMENT LAW. (3)
This course will provide an introduction and overview to New Mexico specific local government law, including municipalities, counties, and other local political subdivision entities, including a review of various state and federal laws affecting local governments.

PLTR 104. BUSINESS LAW I. (3)
This course will provide an introduction and overview of business law and its impact on the various business entities commonly found, including a study of business and the court system (including alternative dispute resolution) basic constitutional and administrative/regulatory processes, and the formation of business organizations.

PLTR 105. BUSINESS LAW II. (3)
This course will continue the introduction and overview of business organizations and the laws (civil, criminal, administrative, and regulatory) affecting them, including: tort law; consumer protection and product liability law, real and personal property (including intellectual property) laws, contract law (including sales and UCC provisions), agency law, and labor/employment law.

PLTR 106. CRIMINAL LAW AND PROCEDURE. (3)
This course will continue the introduction and overview of the substantive criminal law defining common law, statutory crimes and punishment, classifications thereof and state law defining crimes, including basic criminal procedure concepts.

PLTR 107. CIVIL PROCEDURE. (3)
This course will continue the introduction and overview of civil procedure, including an in-depth look at the New Mexico Rules of Civil Procedures for the courts of limited jurisdiction, general jurisdiction, and appellate jurisdiction.

PLTR 108. LAW OFFICE/LEGAL ASSISTANT INTERNSHIP. (3)
This course will provide a familiarization to the law office setting, including files, forms, and client counseling procedures (including ethical considerations), plus an opportunity to gain “hands-on” experience through supervised, on-the-job training in local law offices, government agencies, or legal departments.
PLTR 109. FAMILY PRACTICE. (3)
This course will provide a more in-depth look at family issues, including juvenile law, domestic relations, and elder law, as well as the inter-play with law enforcement and government agency intervention.

PHILOSOPHY

PHIL 101. INTRODUCTION TO PHILOSOPHICAL PROBLEMS. (3)
Philosophical issues and methodology illustrated though selected problems concerning values, knowledge, reality, and in social, political, and religious philosophy.

PHIL 102. CURRENT MORAL PROBLEMS. (3)
Ethical issues arising in contemporary society, e.g., sexual morality, preferential treatment, racism, punishment, war, and world food distribution.

PHIL 108. INTRODUCTION TO ASIAN PHILOSOPHIES. (3)
Philosophical issues and methodology illustrated in relation to South and East Asian thought, Hinduism, Buddhism, Taoism, and Confucianism.

PHIL 111-2. HUMANITIES I-II. (3,3)
Comparative introduction to the development of human civilizations emphasizing philosophic thought, religious practice, and artistic expression.

PHIL 156. REASONING AND CRITICAL THINKING. (3)
The purpose of this course is to help students learn how to analyze, critique, and construct arguments in context, in other words, how to read and write argumentative essays.

PHIL 201. GREEK PHILOSOPHY. (3)
An introductory survey of early and classical Greek philosophy. Figures: the Pre-Socratics, Socrates, Plato, and Aristotle. Topics: beginnings of scientific thought, theories of the self, the concept of being, ethical relativism, happiness, and theories of justice.

PHIL 202. MODERN PHILOSOPHY. (3)
An historical study from the Renaissance through Kant.

PHIL 241. PHILOSOPHIC PROBLEMS. (3 to a maximum of 12)
Topic may vary. An elementary treatment of some major philosophic treatment.

PHYSICAL EDUCATION

GNST 293. WEIGHT LIFTING. (3)
Learn about: Skeletal and muscular structure, benefits of strength training, strength training factors and guidelines, weight training posture, back safety, and stretching. Covers explosive strength, power, plyometrics, loading, circuit training, and much more. $25 lab fee

GNST 293. PILATES. (3)
Pilates is a fusion of western and eastern philosophies that teaches you about breathing with movement, body mechanics, balance, coordination, positioning of the body, spatial awareness, strength, and flexibility. You will learn to flow from one movement to the next building stamina and cardiovascular fitness. The class focuses on individual progress in a non-competitive arena with emphasis on stretching as well as strengthening of muscles. $25 lab fee

GNST 293. POWER YOGA. (3)
This athletic focused yoga workout is one of the fastest growing mind-body fitness trends in the U.S. Discover how power yoga brings together an ancient practice adapted for modern times to help you tone, shape, and sculpt. This class helps build stamina, strength, and endurance by combining various yoga exercises at a rapid pace. Explore the many ways yoga affects the mind and body. $25 lab fee
GNST 293. SCUBA DIVING. (3)
This course is designed to introduce the student to Scuba Diving as a safe and fun recreational sport. It will demonstrate proper use of the equipment used for scuba diving, proper techniques and skills necessary for conducting safe scuba dives, environmental considerations, physiological and psychological concerns, emergency measures and preparation for advanced training. A PADI International Open Water Certification Card will be issued to students upon successful completion of this course. $25 lab fee

GNST 293. LATIN DANCE. (3)
A Latin dance based aerobics class that combines steps and movements from the Cha Cha, Merengue, Salsa, and Samba into a high-energy aerobics that sizzles. This is so much fun you will forget you’re getting a workout! $25 lab fee

GNST 293. ZUMBA. (3)
A Latin dance based aerobics class that combines steps and movements from the Cha Cha, Merengue, Salsa, and Samba into a high energy aerobics class that sizzles. This is so much fun you will forget you’re getting a workout! $25 lab fee

GNST 293. CARDIO KICKBOXING. (3)
Learn Tae Kwan Do and Boxing techniques and how they improve hand-eye coordination. Lower body agility and metabolic conditioning. Learn techniques to correct form with this intensive aerobic workout. Shows how improved flexibility helps performance and decreases injuries. $25 lab fee

PHYSICS

PHYC 102. INTRODUCTION TO PHYSICS. (3)
Designed for non-science students in all colleges as well as for students planning to major in the sciences who want a general introduction to the basic phenomena and concepts of physics. The treatment is primarily descriptive, with practical demonstrations and applications and with a minimum of elementary mathematics. No previous preparation is assumed. Basic physical concepts such as energy, momentum, and electrical charge are discussed as well as the properties of gravitational, electromagnetic and nuclear forces, and wave phenomena. The basic ideas of relativity and quantum theory are introduced. See Physics 102L for laboratory.

PHYC 102L. PHYSICS LABORATORY. (1)
A physics laboratory offered in conjunction with Physics 102 for students desiring lab credit. Experiments and projects designed to explain basic physical concepts related to the atom, the environment, and the universe. Pre- or co-requisite: 102. 2 hrs lab.

PHYC 151. GENERAL PHYSICS. (3)
Mechanics, sound, heat. The sequence 151, 151L, 152, 152L is required of pre-medical, pre-dental, and pre-optometry students. Only 151 and 152 are required of pharmacy students. Prerequisite: A working knowledge of algebra at the level of MATH 150 and of MATH 123 (trigonometry).

PHYC 151L. GENERAL PHYSICS LAB. (1)
Mechanics, sound, heat. Pre- or co-requisite 151. 3 hrs lab

PHYC 152. GENERAL PHYSICS. (3)
Electricity, magnetism, optics. Prerequisite: 151

PHYC 152 L. GENERAL PHYSICS LAB. (1)
Electricity, magnetism, optics. Pre- or co-requisite: 152. 3 hrs. lab.

PHYC 160. GENERAL PHYSICS. (3)
Mechanics, sound. Pre- or co-requisite: MATH 162

PHYC 160L. GENERAL PHYSICS LAB. (1)
Mechanics, sound. Pre- or co-requisite: 160. Three hrs. lab.
PHYC 161. GENERAL PHYSICS. (3)
Heat, electricity, magnetism. Prerequisite: 160. Pre- or co-requisite: MATH 163

PHYC 161L. GENERAL PHYSICS LAB. (1)
Electricity and Magnetism. Pre- or co-requisite: 161. Three hrs. lab.

POLITICAL SCIENCE

POL SCI 110. THE POLITICAL WORLD. (3)
An introduction to politics, with emphasis on the ways people can understand their own political systems and those of others.

POL SCI 200. AMERICAN POLITICS. (3)
Survey of American politics, including political behavior of the American electorate, the theory of democracy, the structure and function of American political institutions, and contemporary issues.

POL SCI 240. INTERNATIONAL POLITICS. (3)
Will analyze significant factors in world politics, including nationalism, “national interest” ideology, international conflict and collaboration, balance of power, deterrence, international law, and international organization.

POL SCI 299 INTRODUCTORY POLITICAL TOPICS. (3)
Special introductory topics of political science which relate contemporary issues to the discipline. Precise topics will be noted in appropriate class schedules prepared for registration. POLS major or minor students are limited to no more than 3 credit hours. Additional/excess hours above these limits may be counted as A&S electives.

PORTUGUESE

PORT 101-102. ELEMENTARY PORTUGUESE. (3, 3)
Beginning course in Lusiphone studies focusing primarily on the spoken language as practiced in Brazilian culture. It will include basic pronunciation, vocabulary, grammar, and culture. Students will be given ample time for repetition, recombination of materials, and exposure to traditions of Brazil.

PSYCHOLOGY

PSY 105. GENERAL PSYCHOLOGY. (3)
Overview of the major content areas in psychology. Topics to be covered include learning, cognition, perception, motivation, biological systems, social and abnormal psychology, development, personality, and approaches to psychotherapy.

PSY 200. STATISTICAL PRINCIPLES. (3)
Presentation of the basic principles of the description and interpretation of data. Provides an acquaintance with statistical principles appropriate to a liberal arts education, as well as a basis for further work in data analysis. Students planning graduate study in any field are advised to take 300 and 302 as well. Pre- or co-requisite: 105.

PSY 232. CLINICAL PSYCHOLOGY. (3)
Introduction to clinical psychology as a profession and research area: psychometrics and assessment, systems of prevention and therapy, forensic psychology, program evaluation, professional/ethics issues. Prerequisite: 105.

PSY 220. DEVELOPMENTAL PSYCHOLOGY. (3)
Description of the more salient aspects of the behavior and development of children and adolescents. Particular emphasis is placed on pertinent psychological research and practical applications to life situations. Prerequisite: PSY 105.

PSY 230. ADJUSTMENT AND INTERPERSONAL RELATIONS. (3)
Process of normal human adjusting and coping in both personal and interpersonal spheres. Topics include applications of psychology to stress and mood management, self esteem, social adjustment,
communication, and relationships. Prerequisite: PSY 105.

PSY 240. BRAIN AND BEHAVIOR. (3)
A general survey of the biological foundations of behavior. Emphasis is on the central nervous system. Prerequisite: PSY 105 or BIOL 121L.

PSY 250. SPECIAL TOPICS IN PSYCHOLOGY. (1-3)
Study of any psychological topic not otherwise included in the curriculum upon expression of mutual interest by students and faculty. May be repeated for credit because the subject matter varies.

PSY 250. PSYCHOLOGY OF GIRLS AND WOMEN. (3)
This course focuses on the psychological development of girls and women from sociocultural and multicultural perspectives. The class will highlight developmental milestones particular to women’s lives: relationships, family, child rearing, trauma, community, and creativity. We will read work by poets and writers and by psychologists who have developed new perspectives which contribute to improving the quality of women’s lives. Course will include guest speakers, films, presentations, and class discussions.

PSY 250. HEALTH, STRESS & COPING. (3)
This is an introductory course designed to provide an overview of the major areas in the field of health, stress, and coping.

PSY 260. PSYCHOLOGY OF LEARNING AND MEMORY. (3)
Survey of the variety of laboratory learning situations, with an emphasis on the application of principles to practical situations. Topics range from simple processes such as conditioning to complex processes such as transfer, memory, and concept formation. Prerequisite: PSY 105.

PSY 265. COGNITIVE PSYCHOLOGY. (3)
Study of the cognitive processes involved in the encoding storage, retrieval, and utilization of knowledge including attention, memory, comprehension, categorization, reasoning, problem solving, languages, and motor skills. Prerequisite: PSY 105.

PSY 271. SOCIAL PSYCHOLOGY. (3)
Study of social influence: perception of oneself and others, attitudes, conformity, attraction, altruism, aggression, groups. Prerequisite: PSY 105.

READING

ISR 020. READING I. (3)
Reading for accuracy and understanding in short expository passages. Vocabulary, sequence, summary, and discussion skills are emphasized. Not accepted toward degree/certificate programs. Co-requisite: ISE 010, to be determined by placement test score. CR/NC.

ISR 021. READING II. (3)
Reading for analysis in short expository and academic passages. Vocabulary, outlining and note taking, and distinguishing among fact, assertion, evidence, and implication are emphasized. Not accepted toward degree/certificate programs. Co-requisite: ISE 100, to be determined by placement test score. CR/NC.

ISR 100. BASIC READING FUNDAMENTALS. (3)
A course designed to strengthen the basic components of reading, writing, and spelling through the use of multi-sensory methods.

RELIGIOUS STUDIES

RELG 101. INTRODUCTION TO RELIGIOUS STUDIES. (3)
Comparative study of religious beliefs, practices, and institutions.

RELG 105. RELIGION AND THE ARTS. (3)
Introduction to the relationship between religion and culture as reflected in the arts.
RELG 107. WORLD RELIGIONS. (3)
Introduction to major living world religions, such as Buddhism, Christianity, Hinduism, Islam, and Judaism.

RUSSIAN

RUSS 101. ELEMENTARY RUSSIAN. (3)
This course is designed for the beginning student of foreign languages. It introduces the student to Russian and Soviet culture via geography, cuisine, drama, song, dance, basic vocabulary, expressions, grammar, composition, and dialogue.

SOCIOLOGY

SOC 101. INTRODUCTION TO SOCIOLOGY. (3)
Basic concepts, topics, and theories of contemporary sociology. Prerequisite for more advanced courses in sociology.

SOC 200. FOUNDATIONS OF SOCIAL WELFARE. (3)
Historical development of social welfare institutions and the welfare state, social indicators, and the quality of life.

SOC 205. CRIME, PUBLIC POLICY AND THE CRIMINAL JUSTICE SYSTEM. (3)
The main objectives of this course are to introduce students to the study of crime, provide a basic knowledge of key criminology concepts, consider crime as a social problem, review the history of criminology and study the links between criminology and crime policy. Prerequisite: SOC 101.

SOC 211. SOCIAL PROBLEMS. (3)
Sociological approaches to problems such as poverty, crime and delinquency, sexual behavior, mental disorders, drug use, corporate power, and other issues selected by instructor. Prerequisite: SOC 101.

SOC 213. DEVIANCE. (3)
Survey of major forms of norm-violating behavior in American society, such as drug and alcohol abuse, mental illness, criminal behavior, and sexual deviance. Discussion of sociological explanations of the causes of, and attempts to address, these behaviors. Prerequisite: SOC 101.

SOC 216. DYNAMICS OF PREJUDICE. (3)
The study of prejudice and discrimination, including their historical and contemporary sources and prospects for their reduction, with applications to American institutions. Prerequisite: SOC 101.

SOC 221. GLOBAL ISSUES. (3)
The global context of patterns of developments in nation-states with emphasis on industrializing countries. Selected topics of social, economic, and cultural change. Inequality, war, reform and revolution in global perspective. Prerequisite: SOC 101.

SOC 225. MARRIAGE, FAMILY, AND THEIR ALTERNATIVES. (3)
Hood Comparative analysis of contemporary family and household forms such as dual-worker, single-parent, and homosexual couple households. Focus on links between large-scale social changes and changing family composition and interaction patterns.

SOC 230. SOCIETY & PERSONALITY. (3)
The social psychology of personalities, relationships, small groups, and organizations. Prerequisite: SOC 101.

SOC 280. INTRODUCTION TO RESEARCH METHODS. (3)
A survey of the major methods of social research; foundations of social research, research design,
sampling and measurement, quantitative and qualitative research methods, and data analysis.  
Prerequisite: SOC 101

SPANISH

SPAN 101. ELEMENTARY SPANISH. (3)  
This course is designed for beginning Spanish for students with no previous exposure to Spanish.  
There is an emphasis on the development of all four language skills, with emphasis on listening and speaking. Bilingual students must enroll in corresponding sections numbered 150’s.

SPAN 102. ELEMENTARY SPANISH. (3)  
This is a course in beginning Spanish for students who have completed 101 or equivalent. There is continued development of four skills with emphasis on listening and speaking. Bilingual students must enroll in corresponding sections numbered 150’s.

SPAN 120. WORKSHOP IN CONVERSATIONAL SPANISH. (1-3 TO A MAXIMUM OF 3)  
Conversational Spanish on the freshman and sophomore levels. May not be used to satisfy language requirements.

SPAN 201. INTERMEDIATE SPANISH. (3)  
This is a course in intermediate Spanish for students who have completed 102 or equivalent. Review of grammar and further development of all four skills will be emphasized. Bilingual students must enroll in corresponding sections numbered 150’s.

SPAN 202. INTERMEDIATE SPANISH. (3)  
This course is designed for intermediate Spanish for students who have completed 201 or equivalent. There is continued development for all four skills with emphasis on reading.

SPAN 203. SPANISH CONVERSATION. (3)  
This class is designed for students who have completed or are currently enrolled in Spanish 201, 202 or 276. Small classes are designed to increase skills in speaking Spanish. It is not for native speakers.

SPAN 276. ACCELERATED INTERMEDIATE SPANISH. (6)  
This is an intensive one-semester course designed for language enthusiasts who want to review or can devote the time required to cover two semesters in one. It is equivalent to SPAN 201 and SPAN 202.

SPAN 278. SPANISH FOR PROFESSIONALS. (3)  
This course is a specially designed course for professionals in the fields of medicine, law, business, office management. Attention is given to specialized professional vocabularies.

SPECIAL EDUCATION

SPCD 201. EDUCATION OF THE EXCEPTIONAL PERSON. (3)  
A survey of the characteristics and educational needs of exceptional children, includes definition, etiology, characteristics, and various educational alternatives for each of the exceptions. Corequisite: 204

SPCD 204. INTRODUCTION TO SPECIAL EDUCATION. (3)  
Field experience and seminar in special education settings. Required of all undergraduate majors. Corequisite: 201

STATISTICS

STAT 145. INTRODUCTION TO STATISTICS. (3)  
Techniques for the visual presentation of numerical data, descriptive statistics, introduction to probability, and basic probability models used in statistics, introduction to sampling and statistical inference illustrated by examples form a variety of fields.
Prerequisite: fulfillment of department placement requirements or a grade of CR in MATH 120.

THEATRE

THEA 120. ACTING FOUNDATIONS I. (3)
This is a class in beginning acting. The basic fundamentals of acting including analytical and physical skills of the actor, personal work habits, and taking responsibility for the actor’s craft are included within its scope. Co-requisite 122.

THEA 121. ACTING FOUNDATIONS II. (3)
This is a continuation of 120 with emphasis on textual material. Prerequisite: 120.

THEA 122. INTRODUCTION TO THEATER. (3)
The nature of theater art explores the aesthetic and practical dimension of the unified work of the theater production. It is open to non-majors.

THEA 200. THEATRE PRACTICUM. (1 to a maximum of 4)
Participation in University theatre season in production capacity. May not duplicate other course assignments. Offered on a CR/NCR basis only.

THEA 220. ACTING SKILLS I. (3)
Actor preparation. Developing the physical and emotional craft of the actor through intensive exercises, emphasis on methods of study and preparation for presentation of dramatic materials.

THEA 221. ACTING SKILLS II. (3)
Continuation of THEA 220. Prerequisite: THEA 220.

THEA 223. INTRODUCTION TO SCRIPT ANALYSIS. (3)
The nature of the staged dramatic work such as analysis of plays with representative readings from the history of dramatic literature are included. Prerequisite 122.

THEA 226. ENSEMBLE IMPROVISATION. (3 to a maximum of 6)
Emphasis on the development of original dramatic material out of the process of individual and group improvisation.

THEA 295. STUDIES IN THEATER: MODERN THEATER. (3)
This course will require the students to read, study, and perform excerpts from nine plays beginning with Beckett’s Waiting for Godot. The goal of the course is to familiarize students with the development of the modern theater and to provide experience participating in in-class acting exercises as well as attending live professional performances.

WOMEN’S STUDIES

WMST 200. WOMEN IN CONTEMPORARY SOCIETY. (3)
Focuses on women’s status in society—the myths and realities. Examines women’s socialization by sex, class, race and culture, the economics of discrimination, and the role of education and family.

WMST 231. INTRODUCTION TO CHICANA STUDIES. (3)
This course is an introduction to the interdisciplinary field of Chicana studies. Includes historical and contemporary research on labor, political involvement, cultural studies, and feminism.

WMST 233. AMERICAN INDIAN WOMEN. (3)
An interdisciplinary course that focuses on the historical, cultural, economic, and political issues that affect the changing roles of the American Indian Woman.

WMST 279. TOPIC: WOMEN AND CREATIVITY. (3)
In this course we will explore women’s creative expressions and experiences in art, writing, music, and dance. Native American and Hispanic arts will be highlighted and a variety of multi-cultural perspectives will be explored. Some experiential work.
WMST 279. TOPIC: SOCIAL & POLITICAL ISSUES OF WOMEN'S HEALTH. (3)
Examines women’s relationship to the American health care system. Focuses on recent efforts to initiate gender-specific research and define women’s unique health concerns. Emphasizes issues of access, diversity, and social justice. Relies on resources generated by the women’s health movement and our own community health educators.

WMST 279. TOPIC: PSYCHOLOGY OF GIRLS AND WOMEN. (3)
This course focuses on the psychological development of girls and women from sociocultural and multicultural perspectives. The class will highlight developmental milestones particular to women’s lives: relationships, family, child rearing, trauma, community, and creativity. We will read work by poets and writers and by psychologists who have developed new perspectives, which contribute to improving the quality of women’s lives. Course will include guest speakers, films, presentations, and class discussions.

WMST 279. TOPIC: WOMEN OF THE SOUTHWEST. (3)
This course explores the history of women in the Southwest. We will examine the rich tapestry of women’s lives in different cultures of the area: American Indian, Spanish Mexican, and Anglo-American. Discussions will include Indian women prior to the arrival of the Spanish and how contact with the Spanish contributed to the creation of a new culture. We will examine the Anglo-American encroachment in the area from the perspective of Spanish-Mexican and Indian women. These various issues will be examined by means of lecture material, readings, and class discussions. Discussions will include the roles of prominent women and the lives and experiences of “ordinary” women. Above all, students will learn to think critically about history and to appreciate different interpretations offered by historians. Our understanding of the past is constantly changing.

WMST 297. TOPIC: WOMEN, FILM AND POPULAR CULTURE. (3)
Students will study the history of women and film and video, and discuss how media, portrayals of women have or have not reflected and/or influenced their status in society. Class will include an examination of, and work by, women in film and popular culture through the lens of feminist theory.

WOODWORKING

WW 101. BASIC WOODWORKING. (3)
This course introduces students to the wonderful world of wood and related materials, the use and misuse of hand and power tools, and shop safety procedures. The course also demonstrates professional construction techniques and the magic of joinery. This class is half lecture and half shop time, during which students create individual projects. $40 lab fee. (does not include student materials)

WW 110. FURNITURE DESIGN & CONSTRUCTION. (3)
An introduction to creating furniture from conception to completed work. Course will include the history of furniture design, the drawing of furniture, various woods, joinery and construction techniques. Tools, equipment and, shop safety will be included. $40 lab fee. (Does not include student materials.)

WW 111. CABINET BUILDING. (3)
A study of cabinet making in contemporary and Spanish Colonial styles. Practice in construction and finishing techniques, including use of counter top materials.

WW 113. SPANISH COLONIAL FURNITURE. (3)
Lab-based course in design, carving and building Spanish Colonial Furniture using traditional styles and methods. $40 lab fee. (Does not include student materials.)

WW 114. SPANISH COLONIAL CARVING. (3)
Instruction is traditional methods of carving using the designs, tools and techniques of Spanish Colonial woodworking. $25 lab fee. (Does not include student materials.)

WW 117. WOOD CARVING. (3)
This course introduces woodcarving-- the tools, safety practices, and basic techniques, including chip carving, low relief carving, texturing, and tool sharpening. This course is the first in a series of
classes on woodcarving. $40 Lab fee. (Does not include student materials.)

WW 118. WOOD CARVING II. (3)
The second in a series of carving classes to turn out professional quality carvers. This class is designed to enhance the student's carving abilities by allowing the student to work on a project or projects of their choice. In so doing, the student will learn to master the skill of carving projects which they use in the world of commerce. A review of some basics such as sharpening tools, safety, and basic techniques will be covered up front. In this class the student will move from the use of the basic carving knife to using an array of hand tools including gouges, chisels, other knives, and the mallet. Students will be introduced to design techniques and will be required to design and lay out their projects. Projects can include high relief pieces in the round. Prerequisite: WW 117 or Instructor permission. $40 lab fee (Does not include student materials.)

WW 120. WOODWORKING SHOP. (3)
This is an advanced course for students who have completed basic woodworking courses and are prepared to work on individual projects. A brief refresher course on safety, tools, equipment, design, and stock preparation is also included before students go to work. Prerequisite: WW 101 and one other WW course or consent of instructor. $40 lab fee (Does not include student materials.)

WW 123. PRODUCTION WOOD SHOP. (3)
This is an advanced course for students who are interested in learning the basics of production woodworking. It includes tools and machinery, safety, jigs and templates, wood and laminates used to achieve precision, uniformity and efficiency while working on a class project for UNM. Prerequisites: WW 101 and one other WW course or consent of instructor.

WW 135. WOOD SCULPTURE. (3)
An introduction to the sculpting of wood. Includes the history of wood sculpture, woods, safety, tools, and techniques. This course will enable students to visualize and accomplish individual projects from both solid and laminated wood blocks. $40 Lab fee (Does not include student materials.)

WW 136. WOOD LAMINATING AND BENDING. (3)
This advanced course is an introduction to wood lamination as a technique for creating large forms in solid wood and for creating bent forms. This course discusses clamping, forms, presses, hand tools and power machinery, laminated joinery, and decorative lamination. Prerequisite: WW 101 and one other WW course, or consent of instructor. $40 lab fee. (Does not include student materials.)

WW 293. TOPIC: LEGACIES OF WOOD. (3)
This course is a multicultural survey of wooden artifacts created by human hands over the last 5000 years. Students will study historical examples through visits to nearby museums and galleries and observe living artisans at work in their studios. Utilizing library, museum, and Internet resources, students will research topics for a final paper, portfolio, or multimedia presentation.

WW 293. TOPIC: SANTO CARVING. (3)
This course is an introduction to the tools, materials, safety procedures, and techniques used in carving traditional contemporary cedar santos. The class is primarily hands-on carving with a small amount of lecture. Lecture covers the religious symbolism and culture surrounding santos as well as the many types of styles found in northern New Mexico. Students will design and fabricate their own cedar santo as they progress through the class. $40 lab fee. (Does not include student materials.)

WW 293. TOPIC: HAND TOOLS AND WOOD JOINERY. (3)
This course introduces students to approximately a dozen woodworking joints all constructed using hand tools. Students will learn the characteristics and appropriate use of each joint and the techniques for making the joints. $25 lab fee (Does not include student materials.)

WW 293. TOPIC: ADVANCED FURNITURE MAKING. (3)
An advanced course in making furniture from drawings, model making, joinery, finishing, and forming curves by shaping bent lamination and stack lamination. Shop safety will be emphasized. Prerequisite: WW 101 and WW 110 or permission of instructor. $25 lab fee (Does not include student materials.)