

ANTH-255 Ancient Peoples-Southwest 3 cr.
Studies the unique prehistoric residents of the Four Corners area of New Mexico, Arizona, Utah, and Colorado through classroom lectures, films, slides, and field trips. Prerequisites: APRD 80+ or RDNG 113; APEN 84+ or ENGL 111. Semester offered: Fall, even years. [NM Common Course Number ANTH 2313, Area IV: Social/Behavioral Science Core]

ANTH-280 Internship 1-3 cr.
Consists of supervised work placement in an organization where anthropological skills and/or knowledge may be acquired or utilized. Students will perform duties related to the academic disciplines of anthropology (e.g., biological anthropology, sociocultural anthropology, archaeology, and/or linguistics) and will submit a term paper, case study, or approved academic project related to the work performed. Evaluation will be by the professor with written input from the work supervisor. Prerequisite: Permission of Instructor. Semester offered: On demand.

ANTH-288 Archaeological Field Methods 9 cr.
Archaeological field school held at the B-Square Ranch to teach survey and excavation techniques as well as laboratory procedures for dealing with collected cultural materials. Lectures on Four Corners prehistory and history, field trips to local archaeological sites, and workshops on artifact and skeletal analysis are also included. Prerequisites: ANTH 110 or ANTH 212. Semester offered: Summer.

ANTH-292 Capstone Project-Archaeology 6 cr.
This capstone course serves as a way to unify student work under the AA concentration in Archaeology. Under the direction of a supervisory archaeologist, the student will successfully complete a small but comprehensive archaeological field project (such as "clearance" of four to six home site leases), including contact with the appropriate officials, background research with respect to previous work conducted in the area, the actual site survey(s), production of appropriate maps, documentation of any cultural resources found in association with the survey, field analysis of artifacts found in association with the project, report writing and submission, etc. Prerequisites: ANTH 110, ANTH 212, ANTH 255, and ANTH 288. Semester offered: Arranged: On demand.

ART

ARTS-110 Orientation in Art 3 cr.
Emphasis on contemporary approaches to painting, sculpture, architecture and industrial arts and crafts. Understanding of materials and processes and basic design principles is stressed through direct experience and heightened perception. Prerequisites: APEN 070+ or ENGL 095; APRD 058 or RDNG 095. Semester offered: Fall and Spring. [NM Common Course Number, ARTS 1013, Area V; Humanities and Fine Arts Core]

ARTS-112 Beginning Drawing I 3 cr.
Utilizes various methods and materials with emphasis on the perception of form in many areas of subject matter and consideration of the elements of composition. Semester offered: Fall and Spring.

ARTS-113 Drawing II 3 cr.
Continuation of ARTS 112. Prerequisite: ARTS 112. Semester offered: Fall and Spring.

ARTS-125 Basic Watercolor Techniques 3 cr.
Pursuing individual expression through techniques of wash, blending, color mixing, textural effects and brush manipulation. Semester offered: On Demand.

ARTS-131 Navajo Rug Weaving I 3 cr.
Introduction to the process and techniques of Navajo weaving, including preparation of the wool, setting up the loom and warp, weaving techniques, and design elements. Basic origin stories and the history of Navajo rug weaving will also be covered.

ARTS-151 Two Dimensional Design 3 cr.
Problems in form, line, texture and space using various media and techniques. Emphasis on the principles of expressive pictorial composition, proportion, balance, rhythm, and contrast. Semester offered: On Demand.

ARTS-152 Color Theory I 3 cr.
Study and application of the objective principles of color and its psychological, emotional and symbolic effects. Prerequisites: APEN 070+ or ENGL 095; APRD 058+ or RDNG 095. Semester offered: Fall.

ARTS-162 Color Theory II 3 cr.
Continuation of ARTS 152. Prerequisite: ARTS 152. Semester offered: Spring.

ARTS-171 Intro to Interior Design 3 cr.
An introduction to basic interior design, to include color coordination, furniture arrangement, unusual window treatments, choice of fabric and floor coverings, and accessories. This course will help participants understand the overall concept of design, and will help students develop skills associated with design projects. Semester offered: On Demand.

ARTS-215 Human Figure Drawing I 3 cr.
Utilizes various methods and materials with emphasis on the perception of the human figure. Drawing from the live model and the skeleton. Semester offered: On Demand.

ARTS-216 Human Figure Drawing II 3 cr.
Continuation of ARTS 215. Prerequisite: ARTS 215. Semester offered: On Demand

ARTS-217 Art-Elementary School Teachers 3 cr.
Orientation into the methods, philosophy and media of art practiced in the elementary school. Prerequisites: APEN 085+ or ENGL 095; APRD 081+ or RDNG 095. Semester offered: On Demand.

ARTS-225 Advanced Watercolor 3 cr.
Continuation of ARTS 125 with specialization in individual style. Prerequisite: ARTS 125. Semester offered: On Demand.

ARTS-231 Navajo Rug Weaving II 3 cr.
Continuation of ARTS 131 which will include further development of the

processes and techniques of Navajo weaving, with a special emphasis on advanced weaving techniques and design.

ARTS-251 Beginning Painting 3 cr.
Painting in various traditional and non-traditional media. Pursuing individual expression through painting techniques in relation to a broad scope of art concepts and styles. Semester offered: Fall and Spring.

ARTS-252 Painting II 3 cr.
Continuation of ARTS 251. Prerequisite: ARTS 251. Semester offered: Fall and Spring.

ARTS-253 Painting III 3 cr.
Continuation of ARTS 252. Prerequisite: ARTS 252. Semester offered: Fall and Spring.

ARTS-254 Painting IV 3 cr.
Continuation of ARTS 253. Prerequisite: ARTS 253. Semester offered: Fall and Spring.

ARTS-265 Beginning Sculpture I 3 cr.
An introduction to sculpture and methods and materials using stone and wood carving, clay, and various modeling techniques. Semester offered: On Demand.

ARTS-266 Sculpture II 3 cr.
Continuation of ARTS 265. Prerequisite: ARTS 265. Semester offered: On Demand.

ARTS-267 Metal Sculpture 3 cr.
Advanced ornamental welding procedures, equipment, and terminology used in the industry. Welding equipment and safety will be addressed. This course will also provide students with advanced knowledge and hands-on experience to perform techniques and applications as applied to metal sculpture using oxy/acetylene, gas metal arc, and gas tungsten arc welding equipment. Cross-listed as WELD-267. Semester offered: Fall and Spring.

ARTS-268 Sculpture III 3 cr.
This course will focus on the development of the student's personal aesthetic while continuing to analyze the use of form and surface to create content. Critiques will help the student understand how sculpture communicates ideas in a visual context. Developing a body of work and documentation for a portfolio are topics that will be covered. Prerequisites: ARTS 265 and ARTS 266. Semester offered: Fall and Spring.

ARTS-275 Pottery and Clay Arts I 3 cr.
Introduction to clay arts including techniques of hand building, wheel throwing, and glazing. Semester offered: Fall and Spring.

ARTS-276 Pottery and Clay Arts II 3 cr.
Continuation of ARTS 275. Prerequisite: ARTS 275. Semester offered: Fall and Spring.

ARTS-283 Pottery and Clay Arts III 3 cr.
Continuation of pottery and clay techniques for the advanced pottery student. Focus will be on production pottery and development of personal style. Prerequisite: ARTS 276. Semester offered: Fall and Spring.

ASTRONOMY

ASTR-110 Intro to Astronomy 4 cr.
Observation, theories, and methods of modern astronomy. General study for non-science majors. Prerequisite: High school chemistry or physics or PHYS 111. Semester offered: Fall and Spring. [NM Common Course Number ASTR 1114, Area III; Laboratory Science Core]

ASTR-111 Intro to Space Science 4 cr.
An introduction to the principles of space exploration. Investigates the forces which control the nature of the interiors, surfaces, and atmospheres of the planets. Describes the role of solar heating in the energy balance of planetary atmospheres, and defines the conditions necessary for life. Theories of the origin and evolution of the solar system are discussed. Prerequisite: MATH 096. Semester offered: On Demand.

ASTR-113 Constellation Mythology 3 cr.
A study of the ancient mythological stories and philosophies of world cultures as seen in the patterns of stars in the night sky. A basic grounding in Greco-Roman myths and representations of star patterns will be compared to other world cultures, including, but not limited to, Native American, Chinese, Arabic, South Pacific, and Arctic. Semester Offered.

ASTR-120 Deep Space Astronomy 3 cr.
Conceptual study of cosmology and relativity, emphasizing the Einsteinian perceptions of gravity, matter, energy, and space-time geometry. Also examines in detail anomalous subjects such as black holes, wormholes, "white fountains", and obstacles to superluminal ("faster than light") travel. Prerequisite: ASTR 110. Semester Offered: Spring.

AUTOMOTIVE SERVICE EDUCATIONAL PROGRAM

ASEP-110 Shop Fundamentals and Safety 1 cr.
This course will orient the student to shop operations, use of service manuals, pay structures, tools, warranties, and customer relations. Shop safety will be strongly emphasized as well as employee/employer relations. Corequisite: ASEP 120. Semester offered: Fall.

ASEP-120 Gm Electrical and Ignition Syst. 7 cr.
A study of the electrical and electronic systems found in the automotive field. Emphasis is on basic circuitry, starting systems, charging systems, ignition systems, diagnosis and servicing the electrical components on current GM model vehicles. Corequisite: ASEP 110. Semester offered: Fall.

ASEP-130 GM Fuel and Emission Syst. 4 cr.
A study of the fuel and emission systems used on current GM model vehicles. Students will learn to use the exhaust gas analyzer, oscilloscopes, and other special equipment. Prerequisite: ASEP 120. Corequisite: ASEP 140. Prerequisite: ASEP 280. Semester offered: Spring.

ASEP-140 GM Drivability 4 cr.
A systematic troubleshooting method for General Motors fuel, electrical and electronic systems. Use of tools and equipment needed for