

NORTHERN NM COLLEGE APPENDIX
Dual Credit Program Master Agreement (Updated 7/22 Subject to be Changed)

College Course Subject	College Common Course #	College Course Title, Description	Prerequisite	Credits
ACCT	2110	PRINCIPLES OF ACCOUNTING I An introduction to financial accounting concepts emphasizing the analysis of business transactions in accordance with generally accepted accounting principles (GAAP), the effect of these transactions on the financial statements, financial analysis, and the interrelationships of the financial statements. Prerequisite: MATH 100N	MATH 100N or MATH 100NL, Accuplacer score ≈ MATH 100N or MATH 100NL, or good HS math grades	3
ACCT	2115	SURVEY OF ACCOUNTING Designed to provide a basic understanding of accounting procedures for small businesses. Provides a foundation of the accounting cycle for a small business enterprise and a practical understanding of business financial statements.	None	3
ACCT	2120	PRINCIPLES OF ACCOUNTING II An introduction to the use of accounting information in the management decision making processes of planning, implementing, and controlling business activities. In addition, the course will discuss the accumulation and classification of costs as well as demonstrate the difference between costing systems.	ACCT 2110	3
ACCT	2220	COMPUTERIZED ACCOUNTING This course requires the prior knowledge from Survey of Accounting or Principles of Accounting I (Financial). It employs integrated accounting software for payroll, inventory control, accounts payable, accounts receivable and general ledger functions. Course reviews the accounting cycle.	ACCT 2110 or ACCT 2115	3

ANTH	1140	INTRODUCTION TO CULTURAL ANTHROPOLOGY This is an introductory course that provides an overview of cultural anthropology as a subfield within the broader discipline of anthropology and as a research approach within the social sciences more generally. The course presents core concepts and methods of cultural anthropology that are used to understand the ways in which human beings organize and experience their lives through distinctive cultural practices. More specifically, this course explores social and cultural differences and similarities around the world through a variety of topics such as: language and communication, economics, ways of making a living, marriage and family, kinship and descent, race, ethnicity, political organization, supernatural beliefs, sex and gender, and globalization. This course ultimately aims to present a broad range of perspectives and practices of various cultural groups from across the globe. (Fall only)	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
ANTH	1155	INTRODUCTION TO LINGUISTIC ANTHROPOLOGY This is an introductory course, which provides an overview of the discipline of Linguistic Anthropology. The course will discuss the implications of language within anthropology, as well as within the sciences and social sciences more generally. The course explores the core concepts and methods of linguistic anthropology, such as the basic structure of language, first and second language acquisition, bilingualism, and social and regional variations that are used to help students understand what it means to be human and the role of language in human societies.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
ANTH	2140	INDIGENOUS PEOPLES OF NORTH AMERICA This course is a general survey of the history and ethnology of indigenous groups in North America. The course is designed to give students a comprehensive view of major issues pertaining to the indigenous cultures of North America, such as family structure, social organization, subsistence and contemporary economies, environmental adaptation, Indian-White relations, religious practices, and contemporary issues.	None	3
ANTH	2110	HISTORY OF ART I This survey course explores the art and architecture of ancient pre-historic cultures through the end of the fourteenth century. While focused primarily on the art of the Western civilizations, this course will also provide insights into the works of other major cultures in order to provide alternate views of art and history. Emphasis will be placed on the relationship of artworks to political, social, spiritual, intellectual, and cultural movements that affect and are affected by their creation and development	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3

ANTH	2120	HISTORY OF ART II This survey course will explore the architecture, sculpture, ceramics, paintings, drawings, and glass objects from the 14th century to the modern era. While focused primarily on the art of the Western civilizations, this course will also provide insights into the works of other major cultures in order to provide alternate views of art and history. Emphasis will be placed on the relationship of artworks to political, social, spiritual, intellectual, and cultural movements that affect and are affected by their creation and development	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
ARTS	1120	INTRODUCTION TO ART In this class, students will be introduced to the nature, vocabulary, media and history of the visual arts, illustrated by examples drawn from many cultures, both Western and non-Western and across many centuries. We will begin with a general overview of the subject, including basic concepts and themes that shed light on the continuity of the artistic enterprise across the span of human experience. We will study the visual elements from which art is made, including how artists use these elements and how the artists' use of visual elements affects our experience of looking at art. We will examine both two-dimensional and three-dimensional media including drawing, painting, printmaking, camera and computer arts, graphic design, sculpture, installation, crafts and architecture. Selected works will be examined in context, including the history of the time and place in which they were created, as well as their function, patronage, and the character and intent of individual artists.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
ARTS	1410	INTRODUCTION TO PHOTOGRAPHY This course introduces the making of photographic images from a broad viewpoint to consider both as an art practice and as a cultural practice. The course covers technical information on camera use and functionality, composition and visual design, digital workflow and editing, professional functions of manipulating and enhancing images, and printing correctly and effectively. The historical aspects of photography are also covered.	None	3
ARTS	1610	DRAWING I This course introduces the basic principles, materials, and skills of observational drawing. Emphasis is placed on rendering a 3-D subject on a 2-D surface with visual accuracy. Other topics include historical and contemporary references as well as an investigation of linear perspective, line, value, shape, space & composition.	None	3

ARTS	1630	PAINTING I This course introduces the tradition of painting as a medium for artistic expression. Students will investigate materials, tools, techniques, history and concepts of painting. Emphasis is placed on developing descriptive and perceptual skills, color theory, and composition.	None	3
ARTS	2426	PHOTOGRAPHY II This course is a continuation of Photography I in which students will study advanced black and white techniques covering exposure, development, various films, and the use of filters, with special emphasis on tonal control through the creative use of the zone system; increased emphasis on personal vision, aspects of design, composition, and perception.	ARTS 1410	3
ARTS	2428	PHOTOGRAPHY III In this continuation of Photography II, which concentrates on advanced black and white printing, you will learn single filter printing, split filter printing, and high key printing. You will use fiber papers and various archival toning processes.	ARTS 1410	3
ARTS	2433	PHOTOGRAPHY PORTFOLIO To assist students in entering the world of professional photography, they will create your own portfolio with a strong emphasis on editing, content, printing, and presentation. Students will engage in discussions on how to market their work to enter graduate schools; includes publications, shows, and galleries.	ARTS 1410	3
ARTS	2610	DRAWING II This course introduces color and colored media as an element of composition while emphasizing descriptive and perceptual drawing skills and conceptual approaches to contemporary drawing.	ARTS 1610	3
ARTS	2630	PAINTING II This course focuses on the expressive and conceptual aspects of painting, building on the observational, compositional, technical, and critical skills gained previously. Students will investigate a variety of approaches to subject matter, materials, and creative processes through in-class projects, related out-of-class assignments, library research or museum/gallery attendance, written responses, and critiques.	ARTS 1630	3

ASTR	1115	INTRO TO ASTRONOMY This course surveys observations, theories, and methods of modern astronomy. The course is predominantly for non-science majors, aiming to provide a conceptual understanding of the universe and the basic physics that governs it. Subjects include the general movements of the sky and history of astronomy, followed by an introduction to basic physics concepts like Newton’s and Kepler’s laws of motion. The course will also provide modern details and facts about celestial bodies in our solar system and differentiate between them – Terrestrial and Jovian planets, exoplanets, the practical meaning of “dwarf planets”, asteroids, comets, and Kuiper Belt and TransNeptunian Objects. Beyond this we will study stars and galaxies, star clusters, nebulae, black holes, clusters of galaxies and dark matter. Finally, we may study cosmology – the structure and history of the universe. Co-requisite: ASTR 1115L	ENGL 109N, Accuplacer score ≈ ENGL 109N and MATH 100N, or good HS English grades in both subjects Co-requisite: ASTR 1115L	3
ASTR	1115L	INTRO TO ASTRONOMY LABORATORY Introduction to Astronomy Lab will include hands-on exercises that work to reinforce concepts covered in the lecture, and may include additional components that introduce students to the night sky. Co-requisite: ASTR 1115	Co-requisite: ASTR 1115	1
BCIS	1110	FUNDAMENTALS OF INFORMATION LITERACY & SYSTEMS Examination of information systems and their impact on commerce, education, and personal activities. Utilization of productivity tools for communications, data analysis, information management and decision making	None	3
BCIS	1120	COMPUTER LITERACY Overview of computer hardware, software, and the Windows or Linux environment. You will cover basic computer operating principles, file management, the using the Internet, along with an introduction to word processors, spreadsheets, and database programs	None	3
BCIS	2110	BUSINESS COMPUTER APPLICATIONS The owner/manager approach to the use of microcomputers: systems design, software, business applications, and the Windows environment.	None	3

BCIS	2140	BUSINESS TECHNOLOGY Focuses on how technologies are used to support business needs or initiatives. Course will cover such topics as Customer Relations Management (CRM), Enterprise Resource Planning (ERP), Point of Sale (POS), Accounting Information Systems, E-commerce, Artificial Intelligence (AI), Business Continuity Planning (BCP), risk management, operation security, and/or information security in addition to discussion of ethics as related to technology usage.	ENGL 109N, Accuplacer score \approx ENGL 109N, or good HS English grades	3
BCIS	2215	MS EXCEL Introduction to the electronic spreadsheet, specifically how to use, design, and edit spreadsheets for use in a variety of personal and business applications.	None	3
BCIS	2220	MS WORD Covers the commands of Microsoft Word by using step-bystep applications; provides a working knowledge of the basic and intermediate capabilities of Microsoft Word on an IBM compatible.	None	3
BCIS	2230	MS POWERPOINT Introduction to the electronic presentation, specifically how to use, design, and edit presentation graphics for use in a variety of personal and business applications	None	3
BFIN	2110	INTRODUCTION TO FINANCE Introduces tools and techniques of financial management. Includes time value of money; financial planning, diversification and risk; debt and equity investment decisions; and financial statement analysis.	BUSA 2130	3
BIOL	1110	GENERAL BIOLOGY This course introduces nonscience majors to basic biological concepts including, but not limited to, the properties of life, biochemistry, cell biology, molecular biology, evolution, biodiversity, and ecology. Co-requisite: BIOL 1110L	ENGL 109N, Accuplacer score \approx ENGL 109N, or good HS English grades. Co-requisite: BIOL 1110L	3
BIOL	1110L	GENERAL BIOLOGY LABORATORY This laboratory course for non-science majors compliments the concepts covered in the associated general biology lecture course. Students will learn quantitative skills involved in scientific measurement and data analysis. Students will also perform experiments related to topics such as biochemistry, cell structure and function, molecular biology, evolution, taxonomic classification and phylogeny, biodiversity, and ecology. (1, 0T+1L) Co-requisite: BIOL 1110	Co-requisite: BIOL 1110	1

BIOL	2110	PRINCIPLES OF BIOLOGY: CELLULAR AND MOLECULAR BIOLOGY This course introduces students to major topics in general biology. This course focuses on the principles of structure and function of living things at the molecular, cellular and organismic levels of organization. Major topics included are introduction to the scientific process, chemistry of cells, organization of cells, cellular respiration, photosynthesis, cell division, DNA replication, transcription, and translation. Co-requisite: BIOL 2110L	CHEM 1120/L or BIOL 1110/L and ENGL 1110; Co-requisite: BIOL 2110L	3
BIOL	2110L	PRINCIPLES OF BIOLOGY: CELLULAR AND MOLECULAR BIOLOGY LAB This course introduces students to major topics in general biology. This course focuses on the principles of structure and function of living things at the molecular, cellular and organismic levels of organization. Major topics included are introduction to the scientific process, chemistry of cells, organization of cells, cellular respiration, photosynthesis, cell division, genetics, DNA replication, transcription, and translation. Co-requisite: BIOL 2110	Co-requisite: BIOL 2110	1
BIOL	2210	HUMAN ANATOMY AND PHYSIOLOGY I This course is the first of two that serve as an introduction to human anatomy and physiology for biology majors and allied health students. The course entails describing, explaining, and analyzing structure and function from the submicroscopic to the organismal level with emphasis on anatomic, directional, and sectional terminology, basic cellular structure and metabolism, tissue differentiation and characteristics, and organ system structure and function; Specifically the integumentary, skeletal, muscular, and nervous systems. Co-requisite: BIOL 2210L	Co-requisite: BIOL 2210L	3
BIOL	2210L	HUMAN ANATOMY & PHYS I LAB This is the first in a series of two laboratory courses designed to introduce laboratory practices and techniques for human anatomy and physiology, from the basic cell structure through the organ system level; specifically the integumentary, skeletal, muscle, and nervous systems. Co-requisite: BIOL 2210	Co-requisite: BIOL 2210	1
BIOL	2225	HUMAN ANATOMY & PHYSIOLOGY II This course is the second of two that serve as an introduction to human anatomy and physiology for biology majors and allied health students. The course entails describing, explaining, and analyzing structure and function from the submicroscopic to the organismal level with emphasis on specific cellular, tissue, and organ structure and physiology, and organ system structure and function; specifically the endocrine, cardiovascular, respiratory, urinary, and reproductive systems. Additionally, an analysis of these concepts is included: fluid and electrolyte balance, pregnancy, growth and development from zygote to newborn, and heredity. Co-requisite: BIOL 2225L	BIOL 2210, BIOL 2210L Co-requisite: BIOL 2225L	3

BIOL	2225L	HUMAN ANATOMY & PHYS II LAB This is the second in a series of two laboratory courses designed to introduce laboratory practices and techniques for human anatomy and physiology, from the basic cell structure through the organ system level; specifically the endocrine, cardiovascular, lymphatic, respiratory, urinary, and reproductive systems. Co-requisite: BIOL 2225	Co-requisite: BIOL 2225	1
BIOL	2310	MICROBIOLOGY Introduction to the basic principles of microbiology, microbial pathogenesis, host defenses and infectious diseases. The course will emphasize concepts related to the structure and function of microorganisms, including their mechanisms of metabolism and growth. Host parasite interactions will also be emphasized, including mechanisms of microbial pathogenesis and mechanisms of host defenses against infectious diseases. Co-requisite: BIOL 2310L	Co-requisite: BIOL 2310L	3
BIOL	2310L	MICROBIOLOGY LABORATORY This course will emphasize both the theory and hands-on application of techniques used in a microbiology laboratory for the growth and identification of bacterial species. Students will learn microscopy skills and staining techniques for the observation of bacteria. Students will also learn aseptic techniques used for isolation of bacteria, inoculation of cultures, and interpretation of selective and differential growth media for the identification of bacterial species. Co-requisite: BIOL 2310	Co-requisite: BIOL 2310	1
BIOL	2410	PRINCIPLES OF BIOLOGY: GENETICS This course introduces the fundamental principles of heredity; DNA structure and replication; the processes of transcription, translation, and regulation of gene expression; and structural, functional, and comparative genomics. The course covers the application of major genetic concepts, principles, and techniques to understand and solve biological questions. Co-requisite: BIOL 2410L	BIOL 2210, BIOL 2210L Co-requisite: BIOL 2410L	3
BIOL	2410L	PRINCIPLES OF BIOLOGY: GENETICS LAB This laboratory course introduces the fundamental principles of heredity and uses scientific method to understand and solve genetic questions. Emphasis is placed on transmission genetics, molecular genetics, genomics, and biotechnology, with work focused on discussion and problem-solving activities. Students must engage with primary literature (e.g., written paper or annotated bibliography). Students must give oral presentations. Wet lab work is not required.	Corequisite: BIOL 2410	1

BUSA	1110	INTRODUCTION TO BUSINESS Fundamental concepts and terminology of business including areas such as management, marketing, accounting, economics, personnel, and finance; and the global environment in which they operate.	ENGL 109N, Accuplacer score \approx ENGL 109N, or good HS English grades.	3
BUSA	1180	BUSINESS MATH Applies basic mathematical operations to business and accounting applications.	None	3
BUSA	1195	INTRODUCTION TO PROJECT MANAGEMENT This course teaches the basics of using Microsoft Project to help you manage projects, keep track of deadlines, resources, task distribution, constraints and contingencies. This is an inter-disciplinary course designed to assist in meeting project deadlines in all fields of study. (Fall)	None	3
BUSA	1210	RECORDS MANAGEMENT Principles, methods and procedures for the selection, operation and control of manual and automated records systems. (Fall)	None	3
BUSA	2110	BUSINESS COMMUNICATIONS Skill development in business writing with an emphasis on the preparation of letters and reports, and on presenting information in a logical, forceful and acceptable form. Included are strategies for effective oral communication in a professional environment.	None	3
BUSA	2130	BUSINESS STATISTICS Use of statistics in business; techniques for describing and analyzing descriptive and numerical data; estimation, hypotheses testing, t-tests, and regression; application to business problems.	MATH 1215 or higher	3
BUSA	2140	INTEGRATED MANAGEMENT This course provides a management-simulated environment to make critical decisions based on the situations that arise in operating competitive business enterprises. (Spring)	ENTR 2110	3
BUSA	2175	PROFESSIONAL DEVELOPMENT Development of a marketable, employable office systems person, to include interview, voice, manners, and apparel. (None	3
BUSA	2180	INTRODUCTION TO E-COMMERCE Survey of methods and practices in e-commerce. Topics include the evolution and forms of e-commerce, secure online business transactions, and basic business concepts of e-commerce. (Spring)	None	3

BLAW	2110	BUSINESS LAW I Survey of the legal environment of business and common legal principles including: the sources of law, dispute resolution and the U.S. court systems, administrative law, tort law, contract law, agency and employment law, business structure and governance, ethics and corporate social responsibility. Explores sources of liability and presents strategies to minimize legal risk.	ENGL 1110	3
CCST	2110	INTRODUCTION TO CHICANA & CHICANO STUDIES Introductory survey of the Mexican American experience in the United States, with special reference to New Mexico. Exploration of historical, political, social and cultural dimensions.	ENGL 109N, Accuplacer score \approx ENGL 109N, or good HS English grades.	3
CHEM	1120	INTRODUCTION TO CHEMISTRY This course covers qualitative and quantitative areas of non-organic general chemistry for nonscience majors and some health professions. Students will learn and apply principles pertaining, but not limited to, atomic and molecular structure, the periodic table, acids and bases, mass relationships, and solutions.	ENGL 109N, Accuplacer score \approx ENGL 109N and MATH 100N, or good HS English grades in both subjects Co-requisite: CHEM 1120L	3
CHEM	1120L	INTRODUCTION TO CHEMISTRY LAB Introduction to Chemistry Laboratory is a laboratory course designed to complement the theory and concepts presented in the Introduction to Chemistry lecture component and will introduce students to techniques for obtaining and analyzing experimental observations pertaining to chemistry using diverse methods and equipment. Co-requisite: CHEM 1120	Co-requisite: CHEM 1120	1

CHEM	1215	GENERAL CHEMISTRY I FOR STEM MAJORS This course is intended to serve as an introduction to General Chemistry for students enrolled in science, engineering, and certain preprofessional programs. Students will be introduced to several fundamental concepts, including mole, concentration, heat, atomic and molecular structure, periodicity, bonding, physical states, stoichiometry, and reactions. Co-requisite: CHEM 1215L	MATH 1215, high school chemistry, or an ACT score of 19 or higher in Natural Science, and ENGL 1110. Co-requisite: CHEM 1215L	3
CHEM	1215L	GENERAL CHEMISTRY I FOR STEM MAJORS LAB General Chemistry I Laboratory for Science Majors is the first semester laboratory course designed to complement the theory and concepts presented in General Chemistry I lecture. The laboratory component will introduce students to techniques for obtaining and analyzing experimental observations pertaining to chemistry using diverse methods and equipment. Co-requisite: CHEM 1215	Co-requisite: CHEM 1215	1
CHEM	1225	GENERAL CHEMISTRY II FOR STEM MAJORS This course is intended to serve as a continuation of general chemistry principles for students enrolled in science, engineering, and certain preprofessional programs. The course includes, but is not limited to, a theoretical and quantitative coverage of solutions and their properties, kinetics, chemical equilibrium, acids and bases, entropy and free energy, electrochemistry, and nuclear chemistry. Additional topics may include (as time permits) organic, polymer, atmospheric, and biochemistry. Co-requisite: CHEM 1225L	CHEM 1215	3
CHEM	1225L	GENERAL CHEMISTRY II LAB FOR STEM MAJOR General Chemistry II Laboratory for Science Majors is the second of a two-semester sequence of laboratory courses designed to complement the theory and concepts presented in General Chemistry II lecture. The laboratory component will introduce students to techniques for obtaining and analyzing experimental observations pertaining to chemistry using diverse methods and equipment. Co-requisite: CHEM 1225	Co-requisite: CHEM 1225	1

CHEM	2120	INTEGRATED ORGANIC & BIOCHEMISTRY This course is a one semester introduction to Organic Chemistry and Biochemistry designed for students in health and environmental occupations. The course surveys organic compounds in terms of structure, physical, and chemical properties, followed by coverage of the chemistry of specific classes of organic compounds in the biological environment. Students will apply course concepts to everyday organic and biological chemistry problems in preparation for careers in health and environmental fields. Co-requisite: CHEM 2120L.	CHEM 1120 or CHEM 1215	3
CHEM	2120L	INTEGRATED ORGANIC & BIOCHEMISTRY LAB This course provides experiences with the physical properties and laboratory synthesis of organic compounds. Co-requisite: CHEM 2120	Corequisite: CHEM 2120	1
CHEM	2310	QUANTITATIVE ANALYSIS Analytical Chemistry is the science of chemical characterization. In this course, you will learn how particular chemical species of interest can be detected and how the amounts of those species can be determined. You will learn how chemical characterization involves chemical reactivity, physical measurement, and data interpretation. All these aspects of chemical characterization will be explored in lecture, reading, and problem solving. The study of precise and reliable chemical characterization is fundamental to further study and practice in chemistry, biology, medicine, geology, chemical engineering, and many other related fields. The understanding of the methods and limitations of chemical characterization is helpful in making informed judgments on a large variety of social and political issues. Co-requisite: CHEM 2310L	CHEM 1225L and MATH 1350	2
CHEM	2310L	QUANTITATIVE ANALYSIS LAB Laboratory experiments involving instrumentation emphasis on sampling, statistical, measurement, and separation techniques. You will focus on proper documentation and data analysis. Co-requisite: CHEM 2310.	Co-requisite: CHEM 2310	2
CJUS	1110	INTRO TO CRIMINAL JUSTICE This course provides an overall exploration of the historical development and structure of the United States criminal justice system, with emphasis on how the varied components of the justice system intertwine to protect and preserve individual rights. The course covers critical analysis of criminal justice processes and the ethical, legal, and political factors affecting the exercise of discretion by criminal justice professionals.	ENGL 109N, Accuplacer score \approx ENGL 109N, or good HS English grades.	3

CJUS	1120	CRIMINAL LAW This course covers basic principles of substantive criminal law including elements of crimes against persons, property, public order, public morality, defenses to crimes, and parties to crime.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades.	3
CJUS	1130	FORENSIC SCIENCE I This course covers the application of science in criminal investigations. This includes the techniques, limitations, and significance of crime laboratory analysis, with emphasis on physical evidence and how it relates to the crime solving process. Proper techniques in collection and preservation of evidence will be covered.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades.	3
CJUS	1140	JUVENILE JUSTICE This course covers the diversity of the informal and formal juvenile justice system, the process of identifying delinquent behavior, the importance of legislation, law enforcement, courts, diversion, referrals, and juvenile correctional facilities	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades.	3
CJUS	1170	INTRODUCTION TO CRIMINOLOGY The course will explore the crime problem, its context, and especially to explain causes of crime. The course will cover Foundations for Criminology, Theories of Crime, and Types of Crime. The first half of the class will be lectures on Crime and Criminology, The Nature and Extent of Crime, and Victims and Victimization. The second part of the class will be lectures on Rational Choice Theories, Trait Theories, Social Structure Theories, Social Conflict, Developmental Theories, Social Structure Theories of Crime, Social Process Theories of Crime, Social Reaction Theories of Crime. The third part will cover lectures in Interpersonal Violence, Political Crime and Terrorism, Property Crime, Enterprise Crime, Public Order Crime. The class will also be devoted to discussion groups who will be assigned special discussion questions related to the chapter being discussed. Discussion groups will give opportunity to students to use communication skills with each other as they work as a team to resolve a	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades.	3

		question/problem. The instructor will use handouts, films and guest speakers as additional information on topics.		
CJUS	2120	CRIMINAL COURTS AND PROCEDURES This course covers the structures and functions of American trial and appellate courts, including the roles of attorneys, judges, and other court personnel, the formal and informal process of applying constitutional law, rules of evidence, case law and an understanding of the logic used by the courts.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades.	3
CJUS	2130	POLICE AND SOCIETY The course presents a focused practical introduction to the key principles and practices of policing. Topics covered include issues of law enforcement fragmentation and jurisdiction, philosophies of policing, enforcement discretion, deployment strategies, use of force, personnel selection, socialization, tactics, and stress.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades.	3
CJUS	2140	CRIMINAL INVESTIGATIONS This course introduces criminal investigations within the various local, state, and federal law enforcement agencies. Emphasis is given to the theory, techniques, aids, technology, collection, and preservation procedures, which ensure the evidentiary integrity. Courtroom evidentiary procedures and techniques will be introduced	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades.	3
CJUS	2150	CORRECTIONS SYSTEM This course introduces the corrections system in the United States, including the processing of an offender in the system and the responsibilities and duties of correctional professionals. The course covers the historical development, theory, and practice, as well as the institutional and community-based alternatives available in the corrections process	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades.	3

CJUS	2153	COMMUNITY-BASED CORRECTIONS A detailed analysis of community-based corrections. The philosophical basis of community corrections will be explored in the context of diversion, pretrial release programs, probation, parole, intermediate sanctions, alternative sanctions, mental health and substance abuse treatment in both the juvenile and adult systems.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades.	3
COMM	1130	PUBLIC SPEAKING This course introduces the theory and fundamental principles of public speaking, emphasizing audience analysis, reasoning, the use of evidence, and effective delivery. Students will study principles of communication theory and rhetoric and apply them in the analysis, preparation and presentation of speeches, including informative, persuasive, and impromptu speeches	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades.	3
CS	2201	MATHEMATICAL FOUNDATIONS OF CS You will study the formal mathematical concepts of computer science, including such topics as elementary logic, induction, algorithmic processes, graph theory, and model of computation.	EECE 1152L	3
DRFT	1100	COMPUTER AIDED DRAFTING I You will develop basic drafting skills using computer-aided drafting software including lettering, scales, line types, line weight, 2- and 3-view orthographic projection, dimensioning, and sectioning.	None	4
ECED	1110	CHILD GROWTH DEVEL, & LEARNING This basic course in the growth, development, and learning of young children, prenatal through age eight, provides students with the theoretical foundation for becoming competent early childhood professionals. The course includes knowledge of how young children grow, develop and learn. Major theories of child development are integrated with all domains of development, including biological-physical, social, cultural, emotional, cognitive and language. The adult's role in supporting each child's growth, development and learning is emphasized.	None	3

ECED	1115	HEALTH, SAFETY, AND NUTRITION 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 indoor and outdoor learning environments for young children. The course examines the many scheduling factors that are important for children’s total development, healthy nutrition, physical activity, and rest.	None	2
ECED	1120	GUIDING YOUNG CHILDREN This course explores various theories of child guidance and the practical applications of each. It provides developmentally appropriate methods for guiding young children and effective strategies and suggestions for facilitating positive social interactions. Strategies for preventing challenging behaviors through the use of environment, routines and schedule will be presented. Emphasis is placed on helping children become self-responsible, competent, independent, and cooperative learners and including families as part of the guidance approach.	None	3
ECED	1125	ASSESSMENT OF CHILDREN AND EVALUATION OF PROGRAMS This basic course familiarizes students with a variety of culturally appropriate assessment methods and instruments, including systematic observation of typically and on-typically developing children. The course addresses the development and the use of formative and summative assessment and evaluation instruments 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.	None	3
ECED	1130	FAMILY AND COMMUNITY COLLABORATION This course examines the involvement of families and communities from diverse cultural and linguistic backgrounds in early childhood programs. Ways to establish collaborative relationships with families in early childhood settings is discussed. Families’ goals and desires for their children will be supported through culturally responsive strategies	None	3

ECON	2110	MACROECONOMIC PRINCIPLES Macroeconomics is the study of national and global economies. Topics include output, unemployment and inflation; and how they are affected by financial systems, fiscal and monetary policies	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades.	3
ECON	2120	MICROECONOMIC PRINCIPLES This course will provide a broad overview of microeconomics. Microeconomics is the study of issues specific to households, firms, or industries with an emphasis on the role of markets. Topics discussed will include household and firm behavior, demand and supply, government intervention, market structures, and the efficient allocation of resources.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades.	3
EECE	1105L	MICROCOMPUTER SYSTEMS In this introductory course on microcomputers, you will study the characteristics and nature of modern-day computer systems, including hardware and software components. Among the principal software components, the course describes the roll of operating systems, and then focuses on Linux. The course provides the background knowledge and skills in Linux you will require for any type of engineering, technology or computer science related career. The course also includes an introduction to scripting languages and their benefits to automate operating systems tasks	None	3
EECE	1132	COMPUTER NETWORKS I Students will learn both practical and conceptual skills that build the foundation of networking. They will examine the OSI and TCP/IP layers in detail to understand their functions and services. Students will become familiar with the various network devices, network addressing schemes, and types of media used to carry data across the network. They will gain experience designing and deploying inter-networks of WAN and LANS using static routing	None	3
EECE	1152L	COMPUTER PROGRAMMING This is an introductory programming class. No programming experience is assumed for students taking this course. Topics include problem solving, program design, implementation, testing and basic object-oriented concepts including classes, object, and encapsulation.	None	3

EECE	2230	INTRODUCTION TO ROUTING AND SWITCHING This course describes the architecture, components, and operations of routers and switches. Students learn how to design Local Area Networks (LANs), Wide Area Networks (WANs), and inter-networks using modern intermediate devices, including Layer 2 and multi-layer switches and routers. Be the end of this course, students will be able to design and deploy networks and resolve common issues with RIPv1, RIPv2, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks.	EECE 1132	3
EECE	2231L	INTERMEDIATE PROGRAMMING This class teaches hoe to write medium complex computer programs that make use of structured decomposition, basic data structures, strings, recursion, files and dynamic memory. Knowledge of basic programming concepts is assumed.	EECE 1152L	3
EET	2200	ELECTRICAL SYSTEMS I Study basic DC electrical elements and sources; resistor networks, network theorems, capacitance, inductance, RC and RL circuits. Prerequisite: ENGR 2217L. Co-requisite: 2200L	Co-requisite: EET 2200L	1.5
EET	2200L	ELECTRICAL SYSTEMS I LAB Students will perform hands-on experiments related to DC circuits and digital circuits. This will include voltage, current, resistance measurement. First order and second order circuits will be analyzed as well as Thevenin's equivalency. Prerequisite: ENGR 2217L. Co-requisite: EET 2200	Co-requisite: EET 2200	.5
EET	2201	DIGITAL SYSTEMS Students will be introduced to digital circuits and will learn Boolean logic, logic gates, combinatorial and sequential circuits. Prerequisite:	ENGR 1121L Co-requisite: EET 2201L	1.5
EET	2201L	DIGITAL SYSTEMS LAB Students will learn to implement and analyze digital circuits using VHDL to develop combinatorial and sequential circuits. Co-requisite: EET 2201.	Co-requisite: EET 2201	.5
ELEC	1140	ELECTRICAL THEORY I Basic electrical theory, OHMs Law, series and parallel circuits, electrical symbols, AC and DC circuits.	None	4

ELEC	1141	ELECTRICAL CODE I National Electrical Code (NEC) requirements and use of NEC specifications in wiring devices.	None	2
ELEC	1143L	ELECTRICAL INDUSTRIAL APPLICATIONS LAB I In this course, students will learn practical applications and operations in wiring techniques and codes for industrial projects; tools safety, hardware use and installation.	None	3
ELEC	1150	ELECTRICAL THEORY II This course exposes students to electrical fundamental and basic AC circuits. Students learn inductance/inductors and capacitance/capacitors. Students learn about RC, LC, RCL circuits in series and parallel. Finally, students can analyze and work safely with these types of AC circuits.	ELEC 1140	4
ELEC	1151	ELECTRICAL CODE II Students will continue to learn about National Electrical Code (NEC) requirements related to building wiring, conductor ampacity, branch circuits, boxes and fittings and raceway calculations.	ELEC 1141	3
ELEC	1153L	ELECTRICAL INDUST APP LAB II In this course, students will continue to learn practical applications and operations in wiring techniques and codes for industrial projects: tools safety, hardware use and installation.	ELEC 1143L	3
ELEC	2240	TRANSFORMERS Students will learn the fundamentals of transformer operations including the basic physical laws of magnetism and electromagnetism that govern the operation of a transformer. Similarly, students will be exposed to the principles of power generation and distribution.	ELEC 1150	1
ELEC	2241	POWER QUALITY AND DISTRIBUTED GENERATION Students will learn the concept of power quality, how to assess it safely and how to collect data through practical examples. Similarly, students will learn about the applications and installation of UPS and fuel cell systems.	ELEC 1150	2
ELEC	2250	DIGITAL ELECTRONICS Students will learn Boolean algebra and its role in digital electronics. Similarly, students will learn about basic logic operations and how they are used to build digital circuits.	ELEC 1140	2
ELEC	2260	MOTOR THEORY Students will learn the underlying theory of motor operations. Both DC and AC motors will be covered. Topics such as motor protection and sizing will be also covered. Co-requisite: ELEC 2260L	ELEC 1150 Co-requisite: ELEC 2260L	2

ELEC	2260L	MOTOR CONTROLS LAB Students will learn apply different techniques to control motors. Both DC and AC motors will be cover. Topics such as magnetic control, manual/ automatic pilot devices, control transformers, relays, timers, and starters will be covered. Co-requisite: ELEC 2260	ELEC 1150 Co-requisite: ELEC 2260	2
ELEC	2270	INDUSTRIAL CONTROLS Students will learn basic theory of industrial controls, logic functions, and the hardware needed to implement controllers in an industrial setup.	ELEC 1153L	3
ENGL	1110	COMPOSITION I In this course, students will read, write, and think about a variety of issues and texts. They will develop reading and writing skills that will help with the writing required in their fields of study and other personal and professional contexts. Students will learn to analyze rhetorical situations in terms of audience, contexts, purpose, mediums, and technologies and apply this knowledge to their reading and writing. They will also gain an understanding of how writing and other modes of communication work together for rhetorical purposes. Students will learn to analyze the rhetorical context of any writing task and compose with purpose, audience, and genre in mind. Students will reflect on their own writing processes, learn to workshop drafts with other writers, and practice techniques for writing, revising, and editing.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
ENGL	1120	COMPOSITION II In this course, students will explore argument in multiple genres. Research and writing practices emphasize summary, analysis, evaluation, and integration of secondary sources. Students will analyze rhetorical situations in terms of audience, contexts, purpose, mediums, and technologies and apply this knowledge to their reading, writing, and research. Students will sharpen their understanding of how writing and other modes of communication work together for rhetorical purposes. The emphasis of this course will be on research methods.	ENGL 1110	3
ENGL	1210	TECHNICAL COMMUNICATIONS This is an introductory study of written and verbal communications used in the technical professions with emphasis in the planning, execution, and editing of professional and technical documents and other communication media.	ENGL 1110	3

ENGL	1410	INTRODUCTION TO LITERATURE In this course, students will examine a variety of literary genres, including fiction, poetry, and drama. Students will identify common literary elements in each genre, understanding how specific elements influence meaning.	ENGL 1110	3
ENGL	2310	INTRODUCTION TO CREATIVE WRITING This course will introduce students to the basic elements of creative writing, including short fiction, poetry, and creative nonfiction. Students will read and study published works as models, but the focus of this "workshop" course is on students revising and reflecting on their own writing. Throughout this course, students will be expected to read poetry, fiction, and non-fiction closely, and analyze the craft features employed. They will be expected to write frequently in each of these genres	None	3
ENGL	2520	FILM AS LITERATURE The purpose of this course is to teach students how to analyze film as a visual text. Students will learn to analyze films, film techniques, eras, and genres. Students will also identify significant trends and developments in filmmaking, examining the ways in which film reflects and creates cultural trends and values.	ENGL 1110	3
ENGL	2550	INTRODUCTION TO SOUTHWEST LITERATURE New Mexico and the greater Southwest has long been a contested region. Through novels, poetry, and drama, the course focuses on the social, historical, and political issues that create complex portrayals of the beauty, borders, and violence that give the Southwest such a unique history. By the end of the course, students will have a broader appreciation for the many voices that make up literature from the American Southwest.	ENGL 1120	3
ENGL	2560	INTRODUCTION TO NATIVE AMERICAN LITERATURE This course will introduce students to the literature produced by Native American authors as well as explore issues relevant to the study of Native American literature. The course will also introduce the basic elements of literary analysis.	ENGL 1110	3
ENGL	2650	WORLD LITERATURE I In this course, students will read representative world masterpieces from ancient, medieval, and Renaissance literature. Students will broaden their understanding of literature and their knowledge of other cultures through exploration of how literature represents individuals, ideas and customs of world cultures. The course focuses strongly on examining the ways literature and culture intersect and define each other.	ENGL 1110	3

ENGL	2660	WORLD LITERATURE II In this course, students will read representative world masterpieces from the 1600L to the present. Students will broaden their understanding of literature and their knowledge of other cultures through exploration of how literature represents individuals, ideas and customs of world cultures. The course focuses strongly on examining the ways literature and culture intersect and define each other.	ENGL 1110	3
ENGL	2680	WOMEN'S LITERATURE Surveys women writers from the English-speaking tradition. Includes various genres that represent the diversity of women's experiences.	ENGL 1110	3
ENGL	2720	MYTHOLOGY This course is an introduction to the nature and function of mythology. In this class we will study and compare mythologies of different cultures, keeping an eye on the ways in which myths expresses the inexpressible. If one aspect of myth is that it tends to speak in the indigenous layer of the psyche (what Freud called "primary thinking"), then the fascination with myth can be understood, at least partly, as a fascination with the archaic (or archetypal) aspect of life. From that perspective, the study of myth is partly the study of inner life, the life of the imagination, which is why myth has been central to so many other disciplines.	ENGL 1110	3
ENGR	1101	AN INTRODUCTION TO COMPUTATIONAL SCIENCE AND MODELING This course will use the NetLogo Environment to explore the nature and methods of computational thinking prior to composing and studying computational models of interacting agents in problems drawn from the physical and social sciences.	Co-requisite: ENGR 1101L	3
ENGR	1101L	AN INTRODUCTION TO COMPUTATIONAL SCIENCE AND MODELING LAB This course will use the NetLogo Environment to explore the nature and methods of computational thinking prior to composing and studying computational models of interacting agents in problems drawn from the physical and social sciences. Netlogo Environment will be used to study computational models (interacting with codes) for problems representing real world scenarios.	Co-requisite: ENGR 1101	1

ENGR	1110L	INTRODUCTION TO ENGINEERING This course is intended to provide an introduction to the engineering discipline. The course also provides a learning community experience for the mechanical engineering and information technology engineering students. Topics include: departmental policies, code of ethics in engineering, history of engineering, introduction to writing technical reports, time management, introduction to concepts and techniques in computer programming. Students are exposed to intensive hands-on experiences that are assessed through a final project.	None	3
ENTR	1110	ENTREPRENEURSHIP Introduces students to the concept of entrepreneurship and to the process of business startups.	None	3
ENTR	2110	SMALL BUSINESS MANAGEMENT This course is designed to acquaint the student with the opportunities encountered in the management and operations of a small business enterprise.	ENGL 1110	3
ENVS	1110	ENVIRONMENTAL SCIENCE I Introduction to environmental science as related to the protection, remediation, and sustainability of land, air, water, and food resources. Emphasis on the use of the scientific method and critical thinking skills in understanding environmental issues. Co-requisite: ENVS 1110L	Co-requisite: ENVS 1110L	3
ENVS	1110L	ENVIRONMENTAL SCIENCE I LAB Covers general principles and theory relating to environmental science and management. Focal areas for the course include: water management, climate, pollution and waste management. Students taking this course will come away with a basic understanding of the main issues faced by technicians and managers of environmental science departments. Co-requisite: ENVS 1110	Co-requisite: ENVS 1110	1
ENVS	2130	CRITICAL THINKING IN SCIENCE Critical Thinking in Science will improve and/or develop student's proficiencies in thinking and problem solving ultimately resulting in improved decision-making abilities. This course will examine the process through which thought and problem-solving take place and to expand upon the critical thinking skills that will lead to optimizing the student's ability to succeed in all fields of science. Many problems students will face as science professionals do not have obvious answers; therefore, the goal this course is to enable students to rely upon skills taught to address the problem aided by a proven method leading to greater creativity in problem solving, decision making and science leadership	None	3

ENVS	2140	INTRODUCTION TO GIS/GPS & CARTOGRAPHY Y You will evaluate the characteristics, uses, and limitations of computer applications in natural resource management including application programs in statistical analysis, computer modeling, geographic information systems (GIS), global positioning systems (GPS), and database management systems (DBMS). Prerequisite: permission of instructor	Permission of instructor	3
ENVS	2160	PRINCIPLES OF AGRICULTURE ECOLOGY You will be introduced to ecology in the analysis of agriculture and sustainable alternatives, with an emphasis on the fundamentals of agriculture: soils, seeds, and water, and the geographical and cultural context of farming systems. You will study topics in traditional agriculture, farm development and design, and sustainable farm practices.	ENVS 1110, ENVS1110L and BIOL 2610, BIOL 2610L	3
FDMA	1110	FILM HISTORY This course surveys the history of cinema - investigating the process by which the original "cinema of attractions" evolved into a globally dominant form of visual storytelling. We will explore the development of cinema both as an art form and as an industry, and consider the technological, economic, cultural factors, and key international movements that shape it	ENGL 109N, Accuplacer score \approx ENGL 109N, or good HS English grades	3
FDMA	1210	DIGITAL VIDEO PRODUCTION I An introduction to digital video production. Students learn camera operation, lights and audio equipment. Hands-on production is completed in the studio and on location.	None	4
FDMA	1255	INTRODUCTION TO DIGITAL AUDIO DOCUMENTARY An introduction to basic digital studio and field production techniques and the procedures necessary for gathering aural history for the production of documentary radio/web broadcast. You will learn how to select and edit excerpts from your interviews to produce radio vignettes. You will study Pro Tools, basic audio field recording with digital technology, the practice of aural history, and the art of sound collage.	None	4

FDMA	1310	INTRODUCTION TO TELEVISION PRODUCTION This course will provide students with an introduction to producing programming for television broadcast. Students will learn basic shooting, editing and broadcast live and recorded media. Work is performed on location and in the studio	None	4
FDMA	1410	AUDIO PRODUCTION I Students will learn about and apply essential tools and techniques in analog and digital audio production. Topics include acoustic science, microphones, recording and mixing techniques, analog and digital audio hardware and software, including multi-track, computer-based recording and editing systems.	None	4
FDMA	1515	INTRODUCTION TO DIGITAL IMAGE EDITING – PHOTOSHOP In this course, students will learn how to use the tools in Adobe Photoshop to create new images and edit existing images. Tools used will include selections, layers, and adjustments, among other pixel editing tools. Basic composition and output will be emphasized in all projects.	None	4
FDMA	1540	INTRODUCTION TO MOTION GRAPHICS This course introduces students to digital animation using Adobe After Effects. Students will use After Effects to create layers, compositions, typefaces, visual effects, and rendering. Students will also design short animations of their own and will work through lessons and tutorials.	None	4
FDMA	1560	SCREENWRITING I An introduction to writing scripts for media and film. Students are introduced to narrative film structure and produce a short script.	None	3
FDMA	1660	SUAS (DRONE) TECHNOLOGY I This course is part one of a two-part six credit hour certificate program in Drone Technology. Curriculum includes; pilot operation, FAA Part 107 certification preparation, and commercial deployment of Small Unmanned Aerial Vehicles (sUAVs), more commonly known as drones. Topics covered will be Still and Moving Imagery, Surveying, and Mapping	None	3
FDMA	1665	SUAS (DRONE) TECHNOLOGY II This course is part two of a two-part six credit hour certificate program in Drone Technology. Curriculum includes; pilot operation, FAA Part 107 certification preparation, and commercial deployment of Small Unmanned Aerial Vehicles (sUASs), more commonly known as drones. Topics covered will be Still and Moving Imagery, Surveying, and Mapping.	None	3

FDMA	2315	DOCUMENTARY FILM PRODUCTION I An introduction to planning and producing a short documentary film. In this workshop-based class, students work individually and in teams	None	4
FDMA	2540	INTRODUCTION TO NON LINEAR VIDEO This course is an introduction to digital video editing using Adobe Premiere. Students will learn how to create simple and complex video sequences in a non-linear video editing system. Video projects will be optimized for web, eBook, mobile devices, and DVD distribution	None	4
FDMA	2823	FILM MAKING IN SCIENCE Students will examine, study and practice filmmaking as an essential skill in a scientist's toolkit. They will: explore how the art and history of filmmaking is similar to practices within the history of science and technology; examine the relationships between data collection, documentation, interpretation and presentation. They will explore the technical nature of film and video and become aware of how dependent film and video are upon developments in science and technology. They will study ways to popularize science to lay persons and how to use film and video as a career building, promotional and fundraising art.	None	4
FYEX	1110	FIRST YEAR SEMINAR This course is designed to help students achieve greater success in college and in life. Students will learn many proven strategies for creating greater academic, professional, and personal success. Topics may include career exploration, time management, study and test-taking strategies to adapt to different learning environments, interpersonal relationships, wellness management, financial literacy, and campus and community resources.	None	3
GEOL	1110	PHYSICAL GEOLOGY Physical Geology is an introduction to our dynamic Earth, introducing students to the materials that make up Earth (rocks and minerals) and the processes that create and modify the features of our planet. The course will help students learn how mountains are formed, how volcanoes erupt, where earthquakes occur, and how water, wind, and ice can shape the landscape. Students will also develop a basic understanding of the ways humans have altered the planet including our impact on natural resources and global climate change. Co-requisite: GEOL 1110L	Co-requisite: GEOL 1110L	3

GEOL	1110L	PHYSICAL GEOLOGY LABORATORY Physical Geology Lab is the laboratory component of Physical Geology. Students will learn to identify rocks and minerals in hand samples, work with topographic maps, geologic maps, and geologic cross-sections, and apply stratigraphic principles to explore geologic time. Co-requisite: GEOL 1110	Co-requisite: GEOL 1110	1
GEOL	2110	HISTORICAL GEOLOGY This course reviews the major geological and biological processes and events over the Earth's 4.6-billion-year history. Students will learn about the formation of the Earth and its development through time including changes in the lithosphere, atmosphere, hydrosphere, and biosphere. The interrelationships between the physical aspects of Earth history and biological origins, evolution of species, and causes of extinctions will be explored. Co-requisite: GEOL 2110L	Co-requisite: GEOL 2110L	3
GEOL	2110L	HISTORICAL GEOLOGY LAB Historical Geology Laboratory is the laboratory component of Historical Geology. This course applies geologic principles and techniques to reconstruct the history of Earth. Students will explore key concepts of geologic time and stratigraphy, identify fossils and use fossils to make stratigraphic correlations. Students will employ actualism to determine past depositional environments. Co-requisite: GEOL 2110	Co-requisite: GEOL 2110	1
HIST	1110	UNITED STATES HISTORY I The primary objective of this course is to serve as an introduction to the history of the United States from the pre-colonial period to the immediate aftermath of the Civil War. The elements of this course are designed to inform students on the major events and trends that are essential in the understanding of the development of the United States within the context of world societies	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
HIST	1120	UNITED STATES HISTORY II The primary objective of this course is to serve as an introduction to the history of the United States from reconstruction to the present. The elements of this course are designed to inform students on the major events and trends that are essential in the understanding of the development of the United States within the context of world societies	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3

HIST	1150	WESTERN CIVILIZATION I This course is a chronological treatment of the history of the western world from ancient times to the early modern era. The elements of this course are designed to inform students on the major events and trends that are essential in the understanding of the development of western civilization within the context of world societies. Selective attention will be given to "non-western" civilizations which impact and influence the development of "western" civilization.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
HIST	1160	WESTERN CIVILIZATION II This course is a chronological treatment of the history of the western world from the early modern era to the present. The elements of this course are designed to inform students on the major events and trends that are essential in the understanding of the development of western civilization within the context of world societies. Selective attention will be given to "non-western" civilizations which impact and influence the development of "western" civilization.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
HIST	2110	SURVEY OF NEW MEXICO HISTORY The primary objective of this course is to serve as an introduction to the history of New Mexico from the pre-Columbian times to the present day. The elements of this course are designed to inform students on the major events and trends that are essential in the understanding of the development of New Mexico within the context of the Americas.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
HIST	2122	CHICANO EXPERIENCE IN THE U.S. In 1848, the United States violently wrested over half of the landmass of Mexico, displacing and forcing indigenous and traditional peoples of the Southwest to re-establish citizenry in their own homelands. The Treaty of Guadalupe-Hidalgo (1848) assured Mexicans the full rights to citizenship in the United States, but the imposition of a new governmental system often left the new “ethnic minority group” to deal with economic and psychological hardships. Despite these hardships, Chicanas/os have not only survived, but in many cases thrived, in the country that often treated them as “second class citizens.” In this class we will examine the historical, cultural, political, and economic conditions of Chicanas/os in the U.S. through the major court cases that have shaped Mexican American identity.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3

HIST	2130	SURVEY OF NATIVE AMERICAN HISTORY The primary objective of this course is to serve as a survey of the history of Native American History from pre-colonial times until the present. This course will explore the cultural diversity of the Native Americans. The elements of this course are designed to inform students on the major events and trends that are essential in the understanding of the history of Native Americans.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
HIST	2155	SOUTHWESTERN WOMEN'S HISTORY In this course, we will examine the multiple ways in which women helped to shape the U.S. Southwest. History has often left out the perspectives of women, but we will research and discuss women's involvement in Southwestern history, including politics, economics, and culture.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
HLED	1510	MEDICAL TERMINOLOGY Prefixes, suffixes and root words of Greek and/or Latin origin frequently used in medical terminology. Word part combination practices, pronunciation, spelling and common medical abbreviations.	None	3
HSCI	1103	INTRODUCTION TO HEALTH CARE PROFESSIONS This course is for students who are interested in a career in health care or health related field. You will be introduced to a variety of health care professions, determine the educational path required for your chosen field, and explore the personal qualities and professional skills essential for all health care providers.	None	3
HUMN	1105	HUMANITIES AND THE SOUTHWEST This course emphasizes local and regional history, anthropology, ecology, art and folklore as a familiar, verifiable bridge into the universe of human experience; local solutions of universal human problems; the human place in the natural and cultural environment of the Southwest; the human capacity for expression, creativity, and the nature and transmission of knowledge. Involvement is primarily based on personal investigative assignments	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
HUMN	1110	INTRODUCTION TO WORLD HUMANITIES This course is an interdisciplinary introduction to the cultural contributions and expressions in ancient world civilizations such as Mesopotamia, Greece, Rome, Asia, Africa, and the Americas, emphasizing artistic expression, philosophical thought, and religious practices in these civilizations, as well as historical, scientific, and technological developments.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3

HUMN	1120	THE SEARCH FOR MEANING This topics course examines the personal search for meaning through the lens of the Humanities and within the social context. The course involves readings, discussions, research, and composition.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
HUMN	2110	INTRODUCTION TO WORLD HUMANITIES II This course is an interdisciplinary introduction to the interrelationships of cultural contributions and values during the Renaissance, Baroque, Enlightenment, Romantic, and Modern eras in Europe as well as those during the same time periods in China, Japan, Africa, other parts of the Middle East, and Latin America. The course will emphasize artistic expression, philosophical thought, and religious practices in these regions, as well as historical and technological developments	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
HUMN	2120	COMPARATIVE RELIGION To gain a familiarity with the major religious traditions in the world, you will examine various religious traditions and practices, focusing on the similarities and differences between their conception of the Divine and different religious conceptions of what it means to live the “good life.” You will alternate between (a) reading secondary texts that compare religious traditions from an “outsider” perspective and (b) reading primary texts central to each religion.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
HUMN	2130	WORLD MYTHOLOGY This course is an introduction to the nature and function of mythology. In this class we will study and compare mythologies of different cultures, keeping an eye on the ways in which myths expresses the inexpressible. Cross-listed with ENG 2720.	ENGL 1110	3
HUMN	2140	HISPANIC FEMINIST STUDIES You will be introduced to the interdisciplinary field of Chicana Studies, including historical research on labor, political involvement, cultural studies, and feminism.	None	3

HUMN	2160	FOUNDATIONS OF INTEGRATED STUDIES In the so-called real world, many problems are far too complex for any single discipline to tackle alone. Take global warming. Predicting changes in weather patterns involves meteorologists, geologists, oceanographers, and chemists. In order to solve the economic problems caused by global warming politicians are working with scientists, environmentalists, and business leaders. Even these efforts are far too limited. Similarly, understanding the psyche requires a complex approach, involving many different points of view. The inner climate of a human being is at least as complicated as the weather. What we call "Integrated Studies" is a process of answering questions, solving problems, or addressing topics that are too complex to be dealt with adequately by a single discipline, tradition, or point of view. Integrated Studies teaches us how to reach beyond the artificial boundaries of the classroom. It also teaches us how to spot the blind spots of each viewpoint or discipline.	ENGL 1110	3
HUMN	2246	TOURISM AND THE ARTS IN NEW MEXICO PUEBLOS As tourism and art production have become principal means for the Pueblo peoples of New Mexico to support their families and communities, you will study this course through a multi-lens perspective of this economic, cultural, and aesthetic reality using historical readings, short films, and visits to local museums and Pueblo artists' galleries.	ENGL 1110	3
HUMN	2281	SPIRIT OF PLACE, NATIVE SENSES OF PLACE You will examine the meaning of place in your life and its particular importance to understanding Native identity and culture. You will focus on how to relate place with examples of how Native writers, poets, artists, storytellers, and other performers convey a "sense" or "spirit" of place in their work.	ENGL 1110	3
IT	2250	INTRODUCTION TO DATABASES Through an introduction to database software, you will study the Entity-Relationship model, basic database tables, queries, forms, and report creation and management.	EECE 1152L	3
LLLA	1101	FOUNDATIONS OF LIBERAL ARTS Liberal Arts Education is an approach to learning that empowers individuals and prepares them to deal with complexity, diversity, and change. It provides students with broad knowledge of the wider world (e.g. science, culture, and society) as well as in-depth study in specific areas of interest. A liberal arts education helps students develop a sense of social responsibility, as well as strong and transferable intellectual and practical skills such as communication, analytical and problem-solving skills, and a demonstrated ability to apply knowledge and skills in real-world settings. In this	ENGL 1110	3

		course, we will explore the concepts that inform the liberal arts, read and analyze texts that exemplify liberal arts learning, and discuss potential careers in the liberal arts.		
MATH	1130	SURVEY OF MATHEMATICS This course will develop students' ability to work with and interpret numerical data, to apply logical and symbolic analysis to a variety of problems, and/or to model phenomena with mathematical or logical reasoning. Topics include financial mathematics used in everyday life situations, statistics, and optional topics from a wide array of authentic contexts. Prerequisite: MATH 100N or MATH 100NL.	MATH 100N or MATH 100NL, Accuplacer score \approx MATH 100N or MATH 100NL, or good HS math grades	
MATH	1170	TECHNICAL MATH This course is designed for students in technical trade programs. There is an expectation for minimal background in mathematics. We will begin with basic arithmetic operations on real numbers (whole numbers, fractions, decimals). We will delve into measurement in both the American Standard and International (metric) systems. We will do some algebra and work with geometric formulas. There are also sections on trigonometry and statistics. All of this will give you an overview of the types of mathematics you will likely use in technical fields.	None	3
MATH	1215	INTERMEDIATE ALGEBRA A study of linear and quadratic functions, and an introduction to polynomial, absolute value, rational, radical, exponential, and logarithmic functions. A development of strategies for solving single-variable equations and contextual problems.	MATH 100N or MATH 100NL, Accuplacer score \approx MATH 100N or MATH 100NL, or good HS math grades	4
MATH	1220	COLLEGE ALGEBRA The study of equations, functions and graphs, reviewing linear and quadratic functions, and concentrating on polynomial, rational, exponential and logarithmic functions. Emphasizes algebraic problem-solving skills and graphical representation of functions.	MATH 1215	3

MATH	1250	TRIGONOMETRY AND PRE-CALCULUS Trigonometry & Pre-Calculus includes the study of functions in general with emphasis on the elementary functions: algebraic, exponential, logarithmic, trigonometric and inverse trigonometric functions. Topics include rates of change, limits, systems of equations, conic sections, sequences and series, trigonometric equations and identities, complex numbers, vectors, and applications.	MATH 1220	4
MATH	1350	INTRODUCTION TO STATISTICS This course discusses the fundamentals of descriptive and inferential statistics. Students will gain introductions to topics such as descriptive statistics, probability and basic probability models used in statistics, sampling and statistical inference, and techniques for the visual presentation of numerical data. These concepts will be illustrated by examples from a variety of fields.	MATH 1215	3
MATH	1510	CALCULUS I Introduces the intuitive, numerical and theoretical concepts of limits, continuity, differentiation and integration. Includes the study of extrema, curve sketching, and applications involving algebraic, exponential, logarithmic and trigonometric functions. Designed for mathematics, science and engineering majors.	MATH 1250	4
MATH	1520	CALCULUS II Continues course of study begun in Calculus I. Covers integration techniques, numerical integration, improper integrals, some differential equations, sequences, series and applications.	MATH 1510	4
MATH	1991	UNDERGRADUATE RESEARCH EXPERIENCE IN MATHEMATICS This is a computer-based experience in mathematical research. You will learn computational modeling, experimental design, library and internet information searches and research methodology, while interacting with peers and faculty. You will prepare a technical report or poster on your activities. Research questions focus on nonlinear dynamics, differential equations, and mathematical physics.	MATH 1510	3

MGMT	2110	PRINCIPLES OF MARKETING An introduction to the basic theory of management including the functions of planning, organizing, staffing, leading, and controlling; while considering management's ethical and social responsibilities.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
NUTR	2110	HUMAN NUTRITION This course provides an overview of nutrients, including requirements, digestion, absorption, transport, function in the body and food sources. Dietary guidelines intended to promote long-term health are stressed. Prerequisite:.	BIOL 1100 + BIOL 1100L or CHEM 1120 + CHEM 1100L	3
OA	1103	INTRODUCTION TO KEYBOARDING Introduction to basic keyboarding skills on the letters of the alphabet, numbers, and symbols. Emphasizes speed and accuracy. This course is for students with no previous instruction in keyboarding.	None	1
OA	1151	INTRODUCTION TO MS PUBLISHER Introduction to electronic desktop publishing, focusing on how to design and edit publications for use in a variety of personal and business applications	None	1
OA	2236	ADMINISTRATIVE PROCEDURES You will study office procedures, technology, records management, human relations, ethics, and telecommunications. Prerequisites:.	BUSA 1210, ENGL 1110, and BCIS 2110	3
OA	2240	INTRODUCTION TO MICROSOFT PROJECT This course teaches the basics of using Microsoft Project to help you manage projects, keep track of deadlines, resources, task distribution, constraints and contingencies. This is an inter-disciplinary course designed to assist in meeting project deadlines in all fields of study	None	3
OA	2261	DESKTOP PUBLISHING MS PUBLISHER Introduction and application of desktop publishing concepts using Microsoft Publisher in the Windows environment to create flyers, newsletters, reports, brochures, resumes, and other publications using page-layout software.	None	3
OA	2266	MICROSOFT OFFICE SPECIALIST TRAINING This course will focus on advanced training in the use of the Microsoft Suite of software applications (Word, Excel, PowerPoint, and Access) in preparation to take the Microsoft Office User Specialist Exam (MOUS).	BCIS 2210, or BCIS 2215, or BCIS 2220 or BCIS 2230	1

PHIL	1120	LOGIC, REASONING & CRITICAL THINKING The purpose of this course is to teach students how to analyze, critique, and construct arguments. The course includes an introductory survey of important logical concepts and tools needed for argument analysis. These concepts and tools will be use to examine select philosophical and scholarly texts.	ENGL 1110	3
PHIL	1160	HISTORY OF PHILOSOPHY Y Surveys the history of philosophical thought from the ancient Greeks to the present	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
PHIL	2110	INTRODUCTION TO ETHICS This course introduces students to the philosophical study of morality and will explore questions concerning our human obligations to others and related issues. Students may be asked to relate various approaches to ethics to present day ethical debates and their own lives	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
PHYS	1230	ALGEBRA-BASED PHYSICS I An algebra-based treatment of Newtonian mechanics. Topics include kinematics and dynamics in one and two dimensions, conservation of energy and momentum, rotational motion, equilibrium, and fluids. Co-requisite: PHYS 1230L	MATH 1215 Co-requisite: PHYS 1230L	3
PHYS	1230L	ALGEBRA-BASED PHYSICS I LAB A series of laboratory experiments associated with the material presented in PHYS 1230. Co-requisite: PHYS 1230.	Co-requisite: PHYS 1230L	1
PHYS	1240	ALGEBRA-BASED PHYSICS II The second half of a two semester algebra-based introduction to Physics. This course covers electricity, magnetism and optics. Co-requisite: PHYS 1240L	PHYS 1230 + PHYS 1230L Co-requisite: PHYS 1240L	3
PHYS	1240L	ALGEBRA-BASED PHYSICS II LAB A series of laboratory experiments associated with the material presented in PHYS 1240. Co-requisite: PHYS 1240	Co-requisite: PHYS 1240	1

PHYS	1310	CALCULUS-BASED PHYSICS I A calculus level treatment of classical mechanics and waves, which is concerned with physical motion concepts, forces, energy concepts, momentum, rotational motion, angular momentum, gravity, and static equilibrium. Co-requisite: PHYS 1310L.	MATH 1510 or ENGR 1120 Co-requisite: PHYS 1310L	3
PHYS	1310L	CALCULUS-BASED PHYSICS I LAB A series of laboratory experiments associated with the material presented in Calculus-based Physics I. Students will apply the principles and concepts highlighting the main objectives covered in coursework for Calculus-based Physics I. Co-requisite: PHYS 1310	Co-requisite: PHYS 1310	1
PHYS	1320	CALCULUS-BASED PHYSICS II A calculus level treatment of classical electricity and magnetism. Co-requisite: PHYS 1320	PHYS 1310 + PHYS 1310L Co-requisite: PHYS 1320	3
PHYS	1320L	CALCULUS-BASED PHYSICS II LAB A series of Laboratory experiments associated with the material presented in Calculus-Based Physics II. Students will apply the principles and concepts highlighting the main objectives covered in coursework for Calculus-Based Physics II. Co-requisite: PHYS 1320	Co-requisite: PHYS 1320	1
PINS	1110	INTRO TO PUEBLO INDIAN STUDIES Bepowaveh - Welcome! This course will provide an introduction to the Pueblo experiences of New Mexico by drawing upon historical contacts, relations, literature and stories. Our class material will include lectures, films, guest speakers and site visits to important historical places and collections.	ENGL 109N, Accuplacer score \approx ENGL 109N, or good HS English grades	3

PLBT	1000	OSHA 10 FOR THE CONSTRUCTION INDUSTRY This course provides basic safety, health, and education training for construction workers. Training is provided in the recognition, avoidance, abatement and prevention of safety and health hazards in workplaces in the construction industry. It also provides information on the employer's responsibilities, workers' rights and how to file a complaint. It also trains apprentices in the proper use and care of hand and power tools.	None	1
PLBT	1001	USE AND CARE OF TOOLS Areas to be covered include, but are not limited to, Proper tool use; Tool care and maintenance; Safety; Ladders and scaffolds; Measurement and layout tools; Hand and power tools; Pipe Joining Tools; and Specialty tools. Students need to know the type and assembly methods of pipe, valves, and fittings, as well as obtain the skills to install various joint connections.	None	2
PLBT	1002	SOLDERING AND BRAZING This course focuses on the joining methods of soldering & brazing which include, Safety and safe work practices; Theory of soldering and brazing; Types and uses of copper tube; Solders, brazing rod, and fluxes; Joint preparation and assembly; Heating equipment and tools; Soldered and brazed joints; and Performance tests for soldering and brazing	None	2
PLBT	1200	RIGGING AND SIGNALING This course delves deeper into heavy commercial and industrial rigging and culminate in an Industrial Rigging Certification. Areas to be covered are Inspections of various wire and synthetic slings; Safe working load limits; Sling lifting angles; Inspection of all rigging hardware; Eyebolts; Spreader beams; Man baskets; Mechanical advantage; Critical lift design; Lift calculation form; Rigging hook-up; Crane set-up; Site preparation; Boom truck operations; Ariel platforms; Tower cranes; and crane signaling.	None	2.5

PLBT	1201	PLAN READING/DRAWING Emphasize on the skills needed to properly interpret building prints and the ability to draw isometric sketches in the field to be prefabricated in a shop environment. Areas covered include basic drawing tools, measuring tools and lettering; graphic symbols for pipes, fittings and valves; interpretations of technical diagrams; interpretation of isometric drawings; and drawing three view, plan view and elevation view representations.	None	1
PLBT	1202	PIPES, VALVES, FITTING Students will explore various pipe materials and wall thicknesses as they apply to specific field applications, as well as the numerous valves and fitting used to joint these materials. Areas covered include pipe, pipe fittings, flanges, and gaskets; methods of joining pipe; understanding the functions of valves; internal components of valves; pipe hangers, supports, anchors, guides and fasteners.	None	2
PLBT	1203	PLASTIC PIPING INSTALLER Students will learn about the many types of plastic piping, uses and limitations as well as the numerous glues and primers used to join them. Plastic piping advantages and disadvantages will be covered as well as the characteristics of them	None	2
PLBT	1204	PLUMBINGFIXTURES AND APPLIANCES Student will gain basic understanding of the theory and practices of fixture installation and the use of various types of fixtures. Fixtures in both residential and commercial applications will be explored. Topics covered include plumbing fixtures; installation practices; institutional fixture and equipment; fixture controls; and appliances and accessories.	None	1.5
PLBT	1205	WATER SUPPLY Explore the history of water supply systems and the importance of clean potable water sources for human civilization as it has developed into modern day systems. Topics covered include introduction to water supply systems; pipe materials; water supply sources and treatment; distribution systems; building supply systems; water heating; and water conservation	None	2
PLBT	1300	DRAINAGE Coverage of historical perspectives and drainage system improvement; piping materials and fittings; traps and fixtures connections; sanitary drainage installation; vent systems; DWV sizing; storm drainage; sewers and sewage treatment; private sewage disposal systems; and alternate water source drainage systems.	None	1

PLBT	1301	GAS INSTALLATIONS An emphasis on the importance of proper installations of gas. Properties of gas and the combustion process will be covered as well as gas piping systems; clocking and orifice sizing; air supply and venting; valves and regulators; and electrical systems and controls	None	1.5
PLBT	1302	METALLURGY Introduces students to the effect of welding on metallurgical structure and properties of weld joints. The study of the influence of crystal and grain structure of metals on the mechanical, physical, and chemical properties of metals.	None	2.5
PLBT	1303	LAYOUT AND DESIGN Students examine the principles and practices of metal fabrication including layout, design, and support techniques. Students are exposed to basic weld pipe, weld fittings, weld symbols, offsets, supports, and screwed pipe. Related math calculations and cutting techniques are utilized to prepare students for entry into pipe fitting related fields	None	2
PLBT	1304	CUTTING AND BEVELING G Students examine protocols and procedures for safety of cutting and beveling with various methods, including oxy fuel gas cutting, plasma cutting, chop saws, and portable band saws. The course will also address jobsite safety and hazardous substances. Methods of grinding, beveling, cutting, gouging will be explored. Weld joints, types & designs will be studied.	PLBT 1303	2
PLBT	1305	SHIELDED METAL ARC WELDING (SMAW) This course explores fundamental theory and application of Shielded Metal Arc Welding (SMAW) process and proper welding equipment setup. Introductory skills for pipe and plate welding are covered leading to skillfulness in equipment setup, pre-weld fit up, filler metal alloys, and welding in various positions.	PLBT 1302	2
PLBT	2100	BASIC ELECTRICITY AND ELECTRIC CONTROLS Information on electrical devices, circuits, and electric measuring instruments as they relate to the installation of mechanical equipment and piping systems is covered. The course will also include the topic of Electrical controls which are a critical part in the efficient operation of mechanical systems	None	2.5
PLBT	2102	HYDRONICS A hydronic system uses water or a water-based heat transfer fluid to ensure the comfort of a building's occupants. Subjects to be covered discovered are Principles of heating and cooling; Pumps; Air management; Piping materials and components; System layout; and System Sizing	None	2.5

PLBT	2200	MECHANICAL CODE In this course students will gain insight into the 2015 Uniform Mechanical Code and the 2015 New Mexico Mechanical Code. Regulations and guidelines for proper installation will be explored in preparation for the New Mexico State Gasfitters License for Journeyman Certification which is a requirement within this program	None	2.5
PLBT	2201	PLUMBING CODE Students will gain insight into the 2015 Uniform Plumbing Code and the 2015 New Mexico Plumbing Code. Regulations and guidelines for proper installation will be explored in preparation for the New Mexico State Plumbing License for Journeyman Certification which is a requirement within this program.	None	2
PLBT	2202	PIPEFITTER INSTALLER CODE The Pipefitting Installer course will coach the student on how to properly locate required rules and regulations in the Uniform Mechanical Code book in effect as it pertains to the State Pipefitting Installers License testing. Prerequisite: PLBT 2200 Mechanical Code	None	2
PLBT	2300	PNEUMATIC CONTROLS Although pneumatic controls are slowly being phased out, there are many legacy systems still in operation today that work fine. This course deals mainly with troubleshooting existing systems. Areas to be explored are Control loops and air supply; Control valves and dampers; Axillary devices; Receiver controllers and transmitters; Ventilation, heating, cooling, and humidity control; and Year-round control.	None	.5
POLS	1120	AMERICAN NATIONAL GOVERNMENT This course covers fundamental concepts in political science, such as political theories, ideologies, and government systems.	ENGL 109N, Accuplacer score \approx ENGL 109N, or good HS English grades	3
POLS	1130	ISSUES IN AMERICAN POLITICS This course is designed to introduce the students to the contemporary study of American political issues. The course analysis of government policies, examining various approaches to the economy, democracy and the structure and the function of American political institutions.	ENGL 109N, Accuplacer score \approx ENGL 109N, or good HS English grades	3

POLS	2160	STATE AND LOCAL GOVERNMENT This class is an introductory course designed to familiarize students with the institutions, politics, and policies of state and local governments in the United States. An underlying assumption of this course is that states and localities are the center of a stable and viable democracy. As such, a major objective of the course is the empowerment of each student through knowledge; that is, to provide students with the understanding, analytical and political skills, and motivation to become an active and knowledgeable part of state and local government and politics. The problems addressed at the state and local levels are usually highly contentious and controversial because they hit people close to their homes. Through this class, students will learn how to become effective solvers of those problems.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
POLS	2310	THE AMERICAN PRESIDENCY You will study the presidency as an institution of power and of leadership and its relation to other political institutions.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
PSYC	1110	INTRODUCTION TO PSYCHOLOGY This course will introduce students to the concepts, theories, significant findings, methodologies, and terminology that apply to the field of psychology.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
PSYC	1130	INTRODUCTION TO SUBSTANCE ABUSE STUDIES This survey course offers an overview of the biological, psychological, and sociological aspects of drug and alcohol abuse and addiction and an overview of substance abuse problems in the family, school, and industry. Consideration will be given to current research, attitudes towards drugs, theories of drug addiction and treatment, and Licensed Alcohol and Drug Abuse Counselor requirements in the state of New Mexico.	ENGL 1110	3

PSYC	1140	PSYCHOLOGY OF DRUG AND ALCOHOL ABUSE The physiological and behavioral effects of alcohol and other drugs will be examined. Emphasis is placed on the psychopharmacology of commonly abused substances, the disease concepts of chemical dependency, and on current research.	ENGL 1110	3
PSYC	2110	SOCIAL PSYCHOLOGY This course is an introduction to the scientific study of human social influence and interaction, and explores how an individual's actions, emotions, attitudes and thought processes are influenced by society and other individuals.	ENGL 1110 and PSYC 1110	3
PSYC	2120	DEVELOPMENTAL PSYCHOLOGY Study of human physical and psychological change and stability from a lifespan development perspective.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
PSYC	2130	ADOLESCENT PSYCHOLOGY Study of human physical and psychological change and stability from adolescence through the emerging adulthood years.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
PSYC	2140	CHILD PSYCHOLOGY Study of human physical and psychological change and stability from conception through the late childhood years.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
PSYC	2160	BASIC COUNSELING TECHNIQUES In this course, you will become acquainted with basic counseling skills, including active listening techniques such as paraphrasing, summarization, attending behaviors, and focusing; emphasis is on rehearsal of skills.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3

PSYC	2210	ABNORMAL PSYCHOLOGY This course provides students with an introduction to the field of abnormal psychology. Subject areas include history, methods, theories, etiologies, classification and treatment of disorders	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
PSYC	2230	PSYCHOLOGY OF ADJUSTMENT This course focuses on the individual's adjustment to society, and the application of psychological principles to the understanding of adjustment.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
PSYC	2240	PSYCHOLOGY OF PERSONALITY Theories of personality introduces students to the major theories in the development of personality. Students will analyze in detail the major theories of personality including psychoanalytic, behavioral, social learning, humanistic and trait theory. Students will have the opportunity to apply these theories in practical examples and applications whenever possible and appropriate.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
PSYC	2315	DRUG AND ALCOHOL ASSESSMENT, REFERRAL & TREATMENT METHODS You will study twelve core functions and global criteria of the alcohol and other substance abuse, including screening, intake, orientation, assessment, crisis intervention, treatment planning, counseling, case management, client education, referral, report and record keeping, and consultation with other professionals in regard to client treatment and services. Attention will be given to the ethical considerations involved in the therapeutic process. In this course you will devote six clock hours to ethics of the substance abuse counselor.	PSYC 1130, ENGL 1110	3
PSYC	2330	PSYCHOLOGY OF HUMAN SEXUALITY Exploration of the psychological, physiological, cultural, social and individual factors that influence sexual behavior, sex roles, and sex identity.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3

PSYC	2340	PSYCHOLOGY OF PERSONAL GROWTH & INTERPERSONAL RELATIONS Students will apply psychological insights and principles to better understand themselves and their relationships with others and the world in order to live more effectively. Such topics as self-identity, role of emotions in behavior, love, relationships, health and stress, sexuality, death, meaning and values, forgiveness, and non-violent communication will be explored. This course is experiential in nature with an emphasis on dialogue and group activities.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
PSYC	2440	FAMILY SYSTEMS THEORY This course examines different theoretical approaches including major systems theories, strategies, and techniques of family therapy. It emphasizes the application of counseling interventions with struggling or dysfunctional family structures.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
SOCI	1110	INTRODUCTION TO SOCIOLOGY This course will introduce students to the basic concepts and theories of sociology, as well as to the methods utilized in sociological research. The course will address how sociological concepts and theories can be utilized to analyze and interpret our social world, and how profoundly our society and the groups to which students belong influence them. Students will be given the opportunity to challenge their “taken for granted” or “common sense” understandings about society, social institutions, and social issues. Special attention will also be paid to the intimate connections between their personal lives and the larger structural features of social life. In addition, the implications of social inequalities, such as race/ethnicity, gender, and social class will be central to the course’s examination of social life in the United States.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
SOCI	1310	SOCIOLOGY OF SUBSTANCE ABUSE This course explores the phenomenon of drug use and abuse in our culture. It will include, but it is not limited to, the history of drug use, the drugs used, legislation concerning drug possession and use, dependence/addiction to and withdrawal from drugs, and the business of drugs—both legal and illegal. We will concentrate on the sociological aspects of drugs, and we will examine the psychological features as well. Moreover, we will examine the history of drugs, the current state of education as it applies to drugs, prevention efforts, and the role of treatment programs, the latter of which will include both theory and its practical applications in the field. Lastly, we will explore the following list of drugs: stimulants, sedatives/hypnotics, alcohol, nicotine,	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3

		caffeine, over-the-counter drugs, prescription drugs, narcotics, hallucinogens, cannabis, and inhalants.		
SOCI	2210	SOCIOLOGY OF DEVIANCE This course is designed to provide an overview of the study of deviance and social control from multiple sociological perspectives. The instructor will present how sociologists research deviance and social control and the ethical issues involved in studying human subjects involved in these activities. The course also examines central sociological theories for understanding the causes of deviant behavior.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
SOCI	2240	SOCIOLOGY OF INTIMATE RELATIONSHIPS AND FAMILY This course provides an overview of contemporary intimate relationships and families from sociological perspectives. We will examine intimate relationships and families as social constructions whose meanings have changed over time and from place to place. This course will aid students in developing a greater understanding of intimate relationships and families as institutions in contemporary U.S. society. Intersections of race, class, gender, sexual orientation, nationality, and other factors within these institutions will be addressed.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
SOCI	2250	SOCIOLOGY OF RACE AND ETHNICITY This class will examine race and ethnicity as social constructs, including the history of race and ethnic relations in the United States and how and why these constructs continue to play such important roles in the lives of U.S. peoples today. This course will also explore how other types of social stratification, such as class, gender, nationality, and sexual orientation, intersect with race and ethnicity	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
SOCI	2260	SOCIOLOGY OF AGING This is an introductory gerontology course for students interested in behavioral, social, or family studies. The course is designed to understand the separate processes of biological, psychological, and social aging and how these aging processes interact with each other and with our environment.	ENGL 109N, Accuplacer score ≈ ENGL 109N, or good HS English grades	3
SOCI	2310	CONTEMPORARY SOCIAL PROBLEMS This course studies the nature, scope, and effects of social problems and their solutions. The course will concentrate on sociological perspectives, theories, and key concepts when investigating problems, such as inequality,	ENGL 109N, Accuplacer score ≈ ENGL	3

		poverty, racism, alienation, family life, sexuality, gender, urbanization, work, aging, crime, war and terrorism, environmental degradation, and mass media. This course is designed to build students' sociological understanding of how sociological approaches attempt to clarify various issues confronting contemporary life, as well as how sociologists view solutions to these problems.	109N, or good HS English grades	
SPAN	1110	SPANISH I Designed for students with little exposure to Spanish, this course develops basic listening, speaking, reading, and writing skills and basic intercultural competence in interpretive, interpersonal and presentational modes of communication at the Novice Level of proficiency based on ACTFL guidelines. During this course, students perform better and stronger in the Novice-Mid level while some abilities emerge in the Novice High range. This is an introductory course aimed at helping the student to communicate in Spanish in everyday familiar situations via recognition and production of practiced or memorized words, phrases, and simple sentences	None	3
SPAN	1120	SPANISH II Designed for students with some degree of exposure to Spanish in high school and/or at home, this course continues to develop basic listening, speaking, reading, and writing skills and basic intercultural competence in interpretive, interpersonal and presentational modes of communication based at the Novice High Level of proficiency based on ACTFL guidelines, although a few abilities may emerge in the Intermediate Low Level. Students in this course communicate in Spanish in familiar topics using a variety of words, phrases, simple sentences and questions that have been highly practiced and memorized.	SPAN 1110	4