



Approved Courses for UAM's Concurrent Enrollment Program

Course ID	Course Title	Course Description	Placement Requirements
ACCT 2003	Principles of Financial Accounting	A.C.T.S. Equivalent Course # ACCT 2003 3 Credit(s) : 3 Lecture Hour(s) Fundamental accounting issues and concepts, interpretation and classification of accounts, and composition and analysis of financial statements.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
ALHE 10157	Nursing Assistant	7 Credit(s) : 5 Lecture Hour(s) , 2 Laboratory Hour(s) , Other Hours: 3 hours clinical The Nursing Assistant (NA) course follows the mandated Nursing Assistant Program curriculum adopted in Arkansas. Emphasis is placed developing the knowledge and skills specific to nursing assistant duties. Classroom, applied lab, and clinical training in long-term health care facilities are included in this course. Students who successfully complete the NA Program are eligible to take the skills and written examination that leads to Arkansas State Certification. Those students who successfully become certified are placed on the State Registry as a Certified Nurse Assistant (CNA). Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
AMST 10153	Introduction to Manufacturing	3 Credit(s): 3 Lecture Hour(s) Introduction to traditional and advanced manufacturing. Students will be exposed to a variety of manufacturing concepts including controlling production, resource planning, value chain management, and professional roles in manufacturing. Technology categories in manufacturing studied include material properties and surfaces; additive and precision manufacturing; robotics and adaptive automation; “next generation” electronics; bio-manufacturing; design and management of distributed supply chains; and green sustainable manufacturing.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
ARHS 10003	Art Appreciation	A.C.T.S. Equivalent Course # ART 1003 3 Credit(s) : 3 Lecture Hour(s) A basic introductory course in man's cultural heritage through the visual arts.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
ASTE 11304	Suspension and Steering	4 Credit(s) : 3 Lecture Hour(s) , Other Hours: 3 hours shop Theory and operation of modern suspension and steering systems. Up-to-date alignment equipment and techniques are utilized in lab experiences. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
ASTE 12104	Engine Repair	4 Credit(s) : 3 Lecture Hour(s) , Other Hours: 3 hours shop Introduction to the principles of Ohms Law, basic electrical circuits, wiring diagrams, use of precision testing equipment, and analysis of opens, shorts, and grounds. Students are familiarized with the principles of the cranking, charging, lighting, and electrical accessories systems. Components and functions of electronic control systems, principles of electricity, component operation, circuit design, and testing procedures are taught. Lab projects include testing, diagnosis, and repair of actual vehicles. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.

Course ID	Course Title	Course Description	Placement Requirements
ASTE 12204	Electrical/Electronic Systems	4 credits: 3 hours lecture, 3 hours shop Introduction to the principles of Ohms Law, basic electrical circuits, wiring diagrams, use of precision testing equipment, and analysis of opens, shorts, and grounds. Students are familiarized with the principles of the cranking, charging, lighting, and electrical accessories systems. Components and functions of electronic control systems, principles of electricity, component operation, circuit design, and testing procedures are taught. Lab projects include testing, diagnosis, and repair of actual vehicles. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
ASTE 12604	Brakes	4 Credit(s) : 3 Lecture Hour(s) , Other Hours: 3 hours shop Principles of hydraulic brake system, its components, safety switches and valves, drum and disc brake assemblies, and power master hydraulic booster. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
BIOL 10031	Biological Science / Principles of Biology I Lab	A.C.T.S. Equivalent Course # BIOL 1004 when combined with BIOL 10043 1 Credit(s) : 2 Laboratory Hour(s) Basic studies of plants and animals, cells, biochemistry, metabolism, and inheritance, designed to illustrate and complement concepts discussed in BIOL 10043 or BIOL 20533. Designed for the non-science majors and majors biology students.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1 Corequisite(s): BIOL 10043 or BIOL 20533
BIOL 10043	Introduction to Biological Science	A.C.T.S. Equivalent Course # BIOL 1004 when combined with BIOL 10031 3 Credit(s): 3 Lecture Hour(s) Basic concepts of biology: cell and molecular biology, genetics, evolution, and ecology and the relevance of these topics to current events and issues. Designed for the non-science major.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1 Corequisite(s): ENGL 10103
BUSI 11293	Tech Accounting I	3 Credit(s) : 3 Lecture Hour(s) Fundamental accounting concepts and procedures for sole proprietorships. Includes journalizing and posting transactions, preparing trial balances, worksheets, and financial statements. Emphasis given to cash, banking, payroll procedures, sales, purchases, and accounts receivables/payables. Simulated accounting activities offer decision-making opportunities encountered in the business world. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
BUSI 13093	Tech Computer Applications for Business	3 Credit(s) : 3 Lecture Hour(s) Provides a working vocabulary of terms used by computer personnel and an introduction to business software applications. Microsoft Office for Windows applications are used. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Corequisite(s): BUSI 12093 or permission of administration
BUSI 20093	Tech Business English	3 Credit(s) : 3 Lecture Hour(s) Introduction and review of the basics in punctuation, English grammar, spelling, and other mechanics needed in current business usage. Writing techniques for effective letters, memos, and reports. Analysis skills including appearance, clarity, dictionary usage, impact and proofreading techniques. Assignments completed using word processing software. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.

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BUSI 21493	Tech Business Mathematics	3 Credit(s) : 3 Lecture Hour(s) Provides training in the fundamentals of math, problem solving in business situations, and financial management including percentages, payroll and taxes, insurance, statistics, functions, and graphs. Course also covers inventory methods, depreciation, discounts, interest, sales markup, discounts, and algebraic principles to solve business problems. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
BUSI 26193	Tech Small Business Management	3 Credit(s) : 3 Lecture Hour(s) Study of basic economics of small business ownership and management. Information necessary to start and manage a small business. Topics include selecting, organizing, planning, raising capital, recordkeeping, law, insurance, advertising, personnel management, technology, and future trends. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
CHEM 10001	Introductory Chemistry Laboratory	A.C.T.S. Equivalent Course # CHEM 1004 when combined with CHEM 10003 1 Credit(s) : 2 Laboratory Hour(s) Basic studies in chemical experimentation including measurements, properties of elements and compounds, and reactions of matter.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1 Corequisite(s): CHEM 10003
CHEM 10003	Introductory Chemistry	A.C.T.S. Equivalent Course # CHEM 1004 when combined with CHEM 10001 3 Credit(s) : 3 Lecture Hour(s) Introduction to the structure of matter, its classification, and the physical, chemical, and nuclear changes it undergoes.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1 Corequisite(s): ENGL 1013 and MATH 183, or equivalent
COMM 12053	Tech Communication	3 Credit(s) : 3 Lecture Hour(s) Prepares students to meet the expectations of the workplace by introducing concepts in the areas of self-management, problem solving, communication, resume writing and interviewing skills. Students practice speaking, writing and listening techniques necessary in finding, applying for, and obtaining employment. Note: This course may be transferable toward a limited number or associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
CPSI 11083	Tech Computer Fundamentals	3 Credit(s) : 3 Lecture Hour(s) Introduction to computer terminology, hardware, software, procedures, keyboarding, operating systems, and applications as applied to current operating systems, word processing, spreadsheets, database concepts, desktop publishing, and presentation software. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
CPSI 21003	Help Desk Support	3 Credit(s) : 3 Lecture Hour(s) Introduction to information technology support tasks including computer assembly, wireless networking, installing programs, maintaining log reports, and customer service.	Full set of exam scores – See NOTE at the end of document for acceptable exams.

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CRJU 10203	Introduction to Criminal Justice	A.C.T.S. Equivalent Course # CRJU 1023 3 Credit(s) : 3 Lecture Hour(s) A survey of the various components of the criminal justice system.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
CTTE 10172	Orientation	2 Credit(s) : 2 Lecture Hour(s) Information necessary for the use and maintenance of heavy equipment. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Corequisite(s): CTTE 10476, CTTE 10273 and CTTE 11573
CTTE 10273	Basic Safety	3 Credit(s) : 3 Lecture Hour(s) Introduction to basic construction industry safety including, OSHA, PPE requirements, haz mat, fires, electrical and other components. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Corequisite(s): CTTE 10172, CTTE 10476 and CTTE 11573
CTTE 10476	Construction Equipment I	6 Credit(s) : 6 Lecture Hour(s) Basic construction drawings reading, identification of equipment, basic operational techniques and tractors. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Corequisite(s): CTTE 11573, CTTE 10172 and CTTE 10273
CTTE 11573	Heavy Equipment Safety	3 Credit(s) : 3 Lecture Hour(s) In-depth study of heavy equipment safety including lockout/tagout procedures, MSDS, construction safeguards, and excavation dangers. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Corequisite(s): CTTE 10273, CTTE 10476 and CTTE 10172
ECON 21003	Principles of Macroeconomics	A.C.T.S. Equivalent Course # ECON 2103 3 Credit(s) : 3 Lecture Hour(s) A study of economic principles at the macroeconomic level, including national output, the price level, unemployment, money and the banking system, and the government's effect on general business conditions.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
ECON 22003	Principles of Microeconomics	A.C.T.S. Equivalent Course # ECON 2203 3 Credit(s) : 3 Lecture Hour(s) A study of economic principles at the microeconomic level, including markets, consumer behavior, and the theory of the firm: production and cost behavior, market structure, and cost and price determination.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
EDHP 11433	Introduction to Education	3 Credit(s) : 3 Lecture Hour(s) Provides a basic introduction to the teaching profession including the historical, legal, social, theoretical and philosophical aspects of public education. Topics include examining motivations to become a teacher, diversity of students, education legislation and the professional and ethical responsibilities of teachers. Provides students with skills to establish college and career goals.	Full set of exam scores – See NOTE at the end of document for acceptable exams.

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EDHP 22333	Instructional Technology	3 Credit(s) : 3 Lecture Hour(s) Provides education candidates with technology-enhanced knowledge, strategies, and resources to support teaching and learning in the K-12 classroom. Education candidates will explore the potential instructional and learning affordances of varied technologies and the ways in which they might be used to promote communication and collaboration and to support authentic learning environments.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
EDHP 22533	Meeting the Needs of All Learners	3 Credit(s) : 3 Lecture Hour(s) Addresses the various characteristics and needs of learners including the impact of language, environmental and societal influence on student development and learning. Characteristics as well as academic and social/emotional needs of students with exceptional learning needs including gifted and ELL will be studied as well as the impact of exceptionalities on individuals, families, and society across the life span.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
EDHP 22633	Learning and Development	3 Credit(s) : 3 Lecture Hour(s) Examines major concepts, principles, theories, and research related to development of children and young adolescents to construct learning opportunities that support individual students' development, acquisition of knowledge, and motivation.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Prerequisite(s): Only Licensure K-6 and Middle Childhood Majors: EDHP 11433; EDHP 22333; EDHP 22533
ELTE 11202	Industrial Safety	2 Credit(s) : 2 Lecture Hour(s) Development of industrial safety, causes and costs of accidents, basic factors of accident control, and implications of state and federal regulations. Emphasis on personal responsibility for safety. CPR and Basic First Aid instruction included. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
EMSC 11043	Paramedic Human Anatomy & Physiology	3 Credit(s) : 3 Lecture Hour(s) A basic course in human anatomy and physiology with an emphasis on structure and function of cells, tissues, organs, and systems in the human body to prepare the Emergency Medical Technology students to enter the paramedic field. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
EMSC 11308	Emergency Medical Technician-Basic	8 Credit(s) : 6 Lecture Hour(s) , 2 Laboratory Hour(s) , Other Hours: 3 hours clinical The EMT-Basic course is an introductory study of emergency medical pre-hospital care and follows the national standard curriculum set forth by the Department of Transportation. Instruction includes standard of care, legal/ethical issues, and pre-hospital procedures and techniques performed during emergencies. Upon successful completion, the EMT candidate will meet the requirements to challenge the National Registry EMT-Basic examination. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.

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ENGL 10103	Composition I	A.C.T.S. Equivalent Course # ENGL 1013 3 Credit(s) : 3 Lecture Hour(s) Writing course stressing reading skills as a basis for effective writing.	English subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1 Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
ENGL 10203	Composition II	A.C.T.S. Equivalent Course # ENGL 1023 3 Credit(s) : 3 Lecture Hour(s) Writing course emphasizing reading skills as a basis for effective writing. Documented term paper is required.	Prerequisite(s): Grade of C or better in ENGL 10103 Composition I
ENGL 21103	Survey of World Literature I	A.C.T.S. Equivalent Course # ENGL 2113 3 Credit(s) : 3 Lecture Hour(s) Major periods and writers from the Classical Age to the Renaissance.	Prerequisite(s): ENGL 10103 Composition I and ENGL 10203 Composition II
ENGL 21203	Survey of World Literature II	A.C.T.S. Equivalent Course # ENGL 2123 3 Credit(s) : 3 Lecture Hour(s) Major periods and writers from the Renaissance to the present.	Prerequisite(s): ENGL 10103 Composition I and ENGL 10203 Composition II
FILM 10203	Film Appreciation	3 Credit(s) : 3 Lecture Hour(s) Examines the history and basic elements of film. Study of film images, sound, editing, and aesthetics in pursuit of greater understanding and deeper appreciation of this art form.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
FINN 11903	Personal Financial Economics	3 Credit(s) : 3 Lecture Hour(s) An introduction to the basic terminology, concepts, and practices of personal financial economics. The course will provide a foundation for financial literacy and personal financial health. Topics to be covered include budgeting, spending, saving, use of credit, and investing.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
GEOG 11003	General Geography I	A.C.T.S. Equivalent Course # GEOG 1103 3 Credit(s) : 3 Lecture Hour(s) An examination of regional world cultures and physical characteristics. The course will explore regional sociopolitical and economic systems and the relationship between humans and the environment.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
HIMT 10203	Tech Law and Ethics in Healthcare	3 Credit(s) : 3 Lecture Hour(s) An introduction to the organization, financing and delivery of healthcare services, and the organization and activities of multiple healthcare facilities. Preparation and responsibilities of healthcare professionals including the legal and ethical issues facing the industry. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
HIMT 10403	Essentials of the Human Body	3 Credit(s) : 3 Lecture Hour(s) A systemic approach to introduce medical office professionals to the basics of the body's structure and function including the study of the mechanisms by which the body attempts to maintain and/or restore equilibrium or balance; fosters development of skills of observation necessary to assess, monitor, and report symptoms that result in malfunction in organs and/or body systems. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.

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HIMT 10603	Tech Medical Office Procedures	3 Credit(s) : 3 Lecture Hour(s) Administrative practices and procedures used in a medical office setting. Use of custom designed software to complete appointment scheduling, posting procedures, insurance billing, and accounts receivable. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
HIMT 11333	Tech Medical Terminology	3 Credit(s) : 3 Lecture Hour(s) Presents medical terminology through study of medical word roots, prefixes, suffixes, and combining forms that relate to pharmacology, oncology, radiology, nuclear medicine, and psychiatry. Focus on relationships among symptomatic, disease, and procedural terms. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
HIST 11103	World History to 1500	A.C.T.S. Equivalent Course # HIST 1113 3 Credit(s) : 3 Lecture Hour(s) European and world development from early societies to 1500, emphasizing cultural, economic, religious, and political changes. Non-western societies are included.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
HIST 11203	World History Since 1500	A.C.T.S. Equivalent Course # HIST 1123 3 Credit(s) : 3 Lecture Hour(s) European and world development since 1500 to present, emphasizing cultural, economic, religious, and political changes. Non-western societies are included.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
HIST 21103	American History I	A.C.T.S. Equivalent Course # HIST 2113 3 Credit(s) : 3 Lecture Hour(s) The growth of the United States from the discovery of America to 1876.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
HIST 21203	American History II	A.C.T.S. Equivalent Course # HIST 2123 3 Credit(s) : 3 Lecture Hour(s) The United States from 1876 to the present.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
HOSP 10103	Hospitality, Travel, and Tourism	3 Credit(s) : 3 Lecture Hour(s) A survey of the hospitality industry, comprising food, lodging, tourism, and recreation. Includes structure, nature and operating characteristics of these sectors. Provides thorough, current knowledge of the principles and practices of the industry and its economic, social, cultural, and environmental impacts. Opportunities, responsibilities, concerns, and ethics of a career in hospitality, travel and/or tourism. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
HOSP 10202	Safety and Sanitation	2 Credit(s) : 2 Lecture Hour(s) Principles of sanitation, cleaners/sanitizers, sanitary equipment and sanitary control facility design in lodging and food processing operations. Upon successful completion students will be prepared to earn ServSafe™ national certification, a prerequisite for employment in most food service businesses. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.

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HOSP 10303	Customer Service Relations	3 Credit(s) : 3 Lecture Hour(s) Through the use of technology, students will learn to evaluate information that will attract and retain customers, provide customer satisfaction, and apply principles and processes to meet customers' expectations. Students will learn to use business procedures to produce successful customer interactions and business outcomes. Emphasis will be placed on examining the uses of various types of communication skills, preparing policies and procedures, and explaining processes for managing customer relations. Key ethical procedures that protect customers and company interests will be stressed. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
HOSP 10603	Principles of Lodging Operations	3 Credit(s) : 3 Lecture Hour(s) Basic knowledge and procedures involved in the areas and departments representative of lodging operations. Includes other lodging services topics such as salesmanship, reservation and registration procedures, loss prevention, security, facilities, and grounds. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
HOSP 10904	Culinary Fundamentals	4 Credit(s) : 3 Lecture Hour(s) , 3 Laboratory Hour(s) Corequisite(s): HOSP 10202 or administrative approval Principles, techniques, and theories of food production. Reinforces a variety of cooking methods and techniques as well as sanitation and safety principles using commercial food production tools and equipment. Explore nutrition and dietetics related to culinary studies and food preparation. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
ISYS 11903	PC Hardware and Software Maintenance	3 Credit(s) : 3 Lecture Hour(s) An introduction to computer maintenance, emphasizing hardware and software management, system maintenance, and troubleshooting in the PC environment.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
ISYS 1980V	Introduction to Computer Science	3 Credit(s) : 3 Lecture Hour(s) Detailed study of major topics areas from the information technology (IT) industry. This course provides an introduction to computer science, encompassing programming concepts, career paths, and computational thinking. Students will explore data analysis, visualization, and emerging technologies in the field of computer science.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
MATH 11003	College Algebra	A.C.T.S. Equivalent Course # MATH 1103 3 Credit(s) : 3 Lecture Hour(s) Functions, graphs, quadratic functions, polynomial functions, rational functions, exponential and logarithmic functions, systems of equations, applications of algebra, matrices, and the binomial theorem.	Math subtest – ACT 22 or Accuplacer 270 or High School GPA 3.5
MATH 11003 & MATH 01380	College Algebra with Review	A.C.T.S. Equivalent Course # MATH 1103 3 Credit(s) : 3 Lecture Hour(s) Rational functional, exponential and logarithmic functions, systems of equations, applications of algebra, matrices, and the binomial theorem. Some topics from Intermediate Algebra, MATH 01883, may be reviewed as needed.	Math subtest – ACT 16 or Accuplacer 247 Corequisite(s): Enrollment in MATH 01380 College Algebra with Review Lab
MATH 11103	Quantitative Literacy	A.C.T.S. Equivalent Course # MATH 1113 3 Credit(s) : 3 Lecture Hour(s) Techniques of problem-solving involving measurement, consumer mathematics, modeling, and statistics.	Math subtest – ACT 19 or Accuplacer 258 or High School GPA 3.2

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MATH 12003	Trigonometry	A.C.T.S. Equivalent Course # MATH 1203 3 Credit(s) : 3 Lecture Hour(s) Definition of the trigonometric functions, solution of right and oblique triangles, trigonometric equations, and identities.	Corequisite(s): MATH 11003
MATH 12073	Technical Mathematics	3 Credit(s) : 3 Lecture Hour(s) Develops competencies in fractions, decimals, percentages, measurements, tables, graphs and calculator using, factoring, exponents, solution of linear and quadratic equations, arithmetic of rational expressions, basic algebraic applications, and graphing. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
MATH 21003	Introduction to Statistics	3 Credit(s) : 3 Lecture Hour(s) An introductory statistics course that uses modeling as a unifying framework for much of statistics. Provides a foundation in statistics with a major emphasis on constructing models from data. Students will learn to think critically about data, produce meaningful graphical and numerical summaries of data, apply probability models, and utilize statistical inference procedures using computational tools.	Prerequisite(s): MATH ACT 21 or Accuplacer 269 or successful completion of a 10000-level mathematics course
MATH 22163	Advanced Industrial Math	3 Credit(s) : 3 Lecture Hour(s) Covers number systems including decimal, binary, hexadecimal and place value notation, algebraic notations, expressions, geometric and trigonometric functions, angles, laws of sine and cosine. A limited review of fractions, decimals, percents, ratios, proportions, tables, and graphs is presented. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Math – ACT 16 or completion of MATH 12073 Technical Mathematics
MATH 24005	Calculus I	A.C.T.S. Equivalent Course # MATH 2405 5 Credit(s) : 5 Lecture Hour(s) Limits, derivatives, rates of change, integrals, and applications of both derivatives and integrals.	Prerequisite(s): MATH 12033 Trigonometry & MATH 11003 College Algebra
MUSC 10003	Music Appreciation	A.C.T.S. Equivalent # MUS 1003 3 Credit(s) : 3 Lecture Hour(s) Study of the major composers and representative compositions of the musical style periods.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
MUTH 10203	Theory I	3 Credit(s) : 3 Lecture Hour(s) Study in the theory of Species Counterpoint, four-part choral writing, analysis of harmonic progressions, dominant sevenths, leading tone seventh, non-dominant seventh, modulation, secondary dominants and leading tones.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
PHED 21143	Nutrition	3 Credit(s) : Other Hours: 3 hours lecture or on-line Nutritive needs of the normal individual with emphasis on family nutrition and fitness. The periods of pregnancy and lactation, infancy, childhood, adolescence, and adulthood are included.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
PHED 22043	Health and Wellness Promotion	A.C.T.S. Equivalent Course # HEAL 1003 3 Credit(s) : Other Hours: 3 hours lecture or on-line Personal, community, and school health and wellness promotion.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
PLSC 20003	American National Government	A.C.T.S. Equivalent Course # PLSC 2003 3 Credit(s) : 3 Lecture Hour(s) Constitutional principles, political parties and public opinion, civil rights, organization and functions of the executive, legislative, and judicial branches.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1

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PNUR 10002	PN Pharmacology	2 Credit(s) : 1 Lecture Hour(s) , 2 Laboratory Hour(s) Properties, dosage, actions, interactions of drugs. System of weights and measures for drug administration. Formulas for dosage calculations. Medical symbols/abbreviations. Safety factors including simulated lab and to learn the limitations regarding dispensing medications. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Prerequisite(s): Acceptance into PN Program
PNUR 11001	PN Vocational/Legal/and Ethics	1 Credit(s) : 1 Lecture Hour(s) Emphasis on understanding ethical, legal, and social responsibilities to patients, family, and co-workers; delegation responsibilities, emergency preparedness, genetic research and cloning and other concerns. Awareness of legal and ethical responsibilities; development of employability skills; awareness of standards of nursing care. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Prerequisite(s): PNUR 10002, PNUR 11107, PNUR 11602, PNUR 12301, PNUR 12402, and PNUR 22604 with a grade of “C” or above in each course
PNUR 11107	PN Basic Nursing Principles & Skills	7 Credit(s) : 5 Lecture Hour(s) , 4 Laboratory Hour(s) Principles, skills (basic to advanced), attitudes needed to give care. Utilization of nursing process in developing care plans. Incorporation of cultural diversity. Identification of various nursing settings. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Prerequisite(s): Acceptance into PN Program
PNUR 11602	PN Geriatric Nursing Management	2 Credit(s) : 2 Lecture Hour(s) Skills, principles for care of geriatric patients including aging and disease processes, psychosocial needs, physical aspects. Emphasis on resident unit management. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Prerequisite(s): Acceptance into PN Program
PNUR 12003	PN Intravenous Therapy	3 Credit(s) : 3 Lecture Hour(s) Introduction to intravenous infusion therapy; care of patients that require intravenous fluids; simulated and actual experiences. Satisfactory skill demonstration required. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Prerequisite(s): PNUR 10002, PNUR 11107, PNUR 11602, PNUR 12301, PNUR 12402, and PNUR 22604 with a grade of “C” or above in each course
PNUR 12301	PN Nursing of Mother & Infant	1 Credit(s) : 1 Lecture Hour(s) Review anatomy/physiology of reproduction system, role of the nurse during normal labor/delivery. Appropriate interventions for the normal and complicated postpartum mother/family. Care of normal and special needs neonate. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Prerequisite(s): Acceptance into PN Program

Course ID	Course Title	Course Description	Placement Requirements
PNUR 12402	PN Nursing of Children	2 Credit(s) : 2 Lecture Hour(s) Covers psychosocial, physical, and emotional development from infancy through adolescence. Care of child with acute and chronic illness and family care during child hospitalization. Integrates nutrition and pharmacology. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Prerequisite(s): Acceptance into PN Program
PNUR 13107	PN Adult Medical-Surgical Nursing I	3 Credit(s) : 3 Lecture Hour(s) Principles of good nutrition for all age groups and principles for modifications for therapeutic purposes. Nutrition concepts will be integrated throughout practical nursing curriculum. Note: Enrollment restricted	Full set of exam scores – See NOTE at the end of document for acceptable exams.
PNUR 15104	PN Anatomy & Physiology	4 Credit(s) : 3 Lecture Hour(s) , 2 Laboratory Hour(s) This course includes anatomy and physiology of the human body and all its systems. It provides a foundation for understanding the principles of health promotion and prevention as well as understanding the deviations from the norm. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
PNUR 16003	PN Nutrition and Wellness	3 Credit(s) : 3 Lecture Hour(s) Principles of good nutrition for all age groups and principles for modifications for therapeutic purposes. Nutrition concepts will be integrated throughout practical nursing curriculum. Note: Enrollment restricted	Full set of exam scores – See NOTE at the end of document for acceptable exams.
PNUR 21501	PN Mental Health & Illness	1 Credit(s) : 1 Lecture Hour(s) Identify and understand personality development, behavior patterns, mental disease, emotional/mental problems with the aged, rehabilitation and safety of the mental client. Incorporate all phases of the nursing process. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Prerequisite(s): PNUR 10002, PNUR 11107, PNUR 11602, PNUR 12301, PNUR 12402, and PNUR 22604 with a grade of “C” or above in each course
PNUR 22604	PN Clinical I	4 Credit(s) : Other Hours: 16 hours clinical Simulated and actual experience applying classroom experiences in long-term and acute-care facilities and clinics. Note: *CLINICAL ROTATIONS MAY BE SCHEDULED ON DAY, EVENING, OR NIGHT SHIFTS, EIGHT AND TWELVE HOUR ROTATIONS MAY BE SCHEDULED.	Prerequisite(s): Completion of PNUR 11602 and PNUR 12301 with a grade of “C” or above in each course Corequisite(s): PNUR 10002, PNUR 11107, and PNUR 12402
PNUR 23206	PN Clinical II	6 Credit(s) : Other Hours: 24 hours clinical On-site experiences in facilities to care for adults, pediatric, mentally ill, and obstetrical clients. Apply diagnostic procedures and all nursing skills. Note: *CLINICAL ROTATIONS MAY BE SCHEDULED ON DAY, EVENING, OR NIGHT SHIFTS, EIGHT AND TWELVE HOUR ROTATIONS MAY BE SCHEDULED.	Prerequisite(s): PNUR 10002, PNUR 11107, PNUR 11602, PNUR 12301, PNUR 12402, and PNUR 22604 with grade of “C” or above in each course Corequisite(s): PNUR 11001, PNUR 12003, PNUR 13107, and PNUR 21501

Course ID	Course Title	Course Description	Placement Requirements
PNUR 24104	PN Clinical III	4 Credit(s) : Other Hours: 16 hours clinical Working with nurse preceptor, student will apply management and leadership skills long-term care facilities by providing care to medical-surgical and pediatric patients, dispensing medication, performing as a team member. Note: *CLINICAL ROTATIONS MAY BE SCHEDULED ON DAY, EVENING, OR NIGHT SHIFTS, EIGHT AND TWELVE HOUR ROTATIONS MAY BE SCHEDULED.	Prerequisite(s): PNUR 10002, PNUR 11001, PNUR 11107, PNUR 11602, PNUR 12003, PNUR 12301, PNUR 12402, PNUR 13107, PNUR 21501, PNUR 22604 and PNUR 23206 with a grade of "C" or above in each course Corequisite(s): PNUR 24202
PNUR 24202	PN Adult Medical-Surgical Nursing II	2 Credit(s) : 2 Lecture Hour(s) Continuation of conditions illness and care of adult clients. Nursing judgment, responsibility, and utilization of theory and practice important. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Prerequisite(s): PNUR 10002, PNUR 11001, PNUR 11107, PNUR 11602, PNUR 12003, PNUR 12301, PNUR 12402, PNUR 13107, PNUR 22604, PNUR 21501 and PNUR 23206 with a grade of "C" or above in each course Corequisite(s): PNUR 24104
PSYC 11003	Introduction to Psychology	A.C.T.S. Equivalent # PSY 1103 3 Credit(s) : 3 Lecture Hour(s) Survey of the science of behavior.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1 Must be enrolled in ENGL 10103 Composition I.
SOCI 10103	Introduction to Sociology	A.C.T.S. Equivalent Course # SOC 1013 3 Credit(s) : 3 Lecture Hour(s) An introduction to the scientific study of society and human behavior as products of social interaction. An overview of the major sociological perspectives and research methods of socialization, culture, social structure, social institutions, social stratification, and social interaction.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
SPAN 10103	Elementary Spanish I	A.C.T.S. Equivalent Course # SPAN 1013 3 Credit(s) : 3 Lecture Hour(s) An introduction to the essentials of the Spanish language. It is designed to develop the four basic language skills: listening, speaking, reading, and writing. It emphasizes standard pronunciation, functional syntactical structures, vocabulary, and idiomatic expressions, as well as an awareness of Hispanic cultures.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
SPAN 10203	Elementary Spanish II	A.C.T.S. Equivalent Course # SPAN 1023 3 Credit(s) : 3 Lecture Hour(s) A continuation of the essentials of the Spanish language in Spanish 1003. It is structured to develop a solid foundation of the four basic language skills with major emphasis on the oral and written communicative skills and an understanding of Hispanic cultures.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1 SPAN 10103 Elementary Spanish I must be completed prior to enrollment.

Course ID	Course Title	Course Description	Placement Requirements
SPCH 10003	Public Speaking	A.C.T.S. Equivalent Course # SPCH 1003 3 credits: 3 hours lecture Principles of audience analysis, collection of materials, and outlining. Emphasis on careful preparation of speech and delivery. May not be taken for credit by students who have taken SPCH 10403.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
SPCH 11002	Employability Skills/Ethics	2 Credit(s) : 2 Lecture Hour(s) Focuses specifically upon interviews, resumes, applications, employment and workplace forms, and developing positive employability attitudes and skills that support finding, getting, and keeping a job. Covers work ethics that support and promote successful employment and career development. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
SPCH 22003	Interpersonal Communication	3 Credit(s) : 3 Lecture Hour(s) Promotes conceptual understanding of relevant theory and research with a combination of theory, skills practice, and competency evaluation.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
SPCH 22803	Business and Professional Speech	3 Credit(s) : 3 Lecture Hour(s) Oral communication needs of professional persons. Practice in the construction and delivery of various types of speeches and participation in group conferences, discussions, and interviews.	Reading subtest - ACT 18 or Accuplacer 250 or High School GPA 3.1
SPED 22183	Characteristics of Exceptional Learning Needs	3 Credit(s) : 3 Lecture Hour(s) Prerequisite(s): EDHP 11433; EDHP 22333; EDHP 22533 Study of the basic characteristics and defining factors of major disabilities categories as well as for gifted and ELL students. Addresses major laws and regulations and the collaborative roles of the general education and the special education professionals.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
UNIV 1980V	Foundations of Military Leadership	Introduces students to the personal challenges and competencies that are critical for effective leadership and being committed to the ideal that America and its founding documents remain the most powerful force for good in human history. Students learn the importance of personal development in life skills such as critical thinking, resilience, holistic health and fitness, and communication process. Students receive awareness training in Antiterrorism and introductory classes in tactics beginning with Team and Squad Basic Components, Basic Movements, Basic Patrolling, and Battle Drills that will be the foundation throughout their military careers. Students can apply their knowledge outside the classroom during hands-on performance-oriented environments at a weekly lab facilitated by MS III Cadets, supervised by MS IV's and cadre.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
UNIV 1980V	Special Topics (Introduction To The Army)	Focuses on Introduction to the Army and basic Soldier skills. Students receive an introduction to the Army Profession and examine what it means to be a professional in the U.S. Army, committed to the ideal that America and its founding documents remain the most powerful force for good in human history. The overall focus is on developing basic knowledge and comprehension of the Army Leadership Requirements Model (LRM) while gaining a complete understanding of the Reserve Officers' Training Corps (ROTC) program, its purpose in the Army, and its advantages for the student. Students also begin learning map reading and land navigation. Students will have initial classes on fieldcraft, first aid, and team building that will include a weekly lab facilitated by MS III Cadets and supervised by MS IV's and cadre.	Full set of exam scores – See NOTE at the end of document for acceptable exams.

Course ID	Course Title	Course Description	Placement Requirements
WELD 11003	Blueprint Reading	3 Credit(s) : 3 Lecture Hour(s) An introduction to all facets of reading and interpreting weld prints in accordance with American Welding Society (AWS) terminology. The course also introduces basic welding metallurgy, nondestructive examination symbols and coverage of geometric dimensioning and tolerancing. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
WELD 11105	Basic Welding	5 Credit(s) : 2 Lecture Hour(s) , 9 Laboratory Hour(s) Presentation of principles of oxy-acetylene cutting equipment settings, electrode usage and selection, safety procedures and practices, and basic arc welding. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
WELD 12105	Shielded Metal Arc Welding (SMAW)	5 Credit(s) : 2 Lecture Hour(s) , 9 Laboratory Hour(s) A study of theory and application of Shielded Metal Arc Welding (SMAW). Students will receive instruction and practice in all position welding and welding qualification test requirements and be administered welder qualification tests. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
WELD 13105	Gas Tungsten Arc Welding (GTAW)	5 Credit(s) : 2 Lecture Hour(s) , 9 Laboratory Hour(s) A study of the principles of Gas Tungsten Arc Welding (GTAW) in relation to ferrous and nonferrous metals with practical application of carbon steel welding relative to work environments. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Prerequisite(s): WELD 11105 and WELD 12105 or appropriate AWS certification for each course or permission of instructor and administration based on industry certifications/standards
WELD 14001	Welding Lab I	1 Credit(s) : 3 Laboratory Hour(s) This course provides students with individualized instruction and lab experiences that reinforce welding principles and practices leading to AWS certification. Safety is emphasized. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams.
WELD 14105	Gas Metal Arc Welding (GMAW)	5 Credit(s) : 2 Lecture Hour(s) , 9 Laboratory Hour(s) A study of the principles of Gas Metal Arc Welding (GMAW) in relation to ferrous and nonferrous metals with practical application in aluminum, stainless steel and carbon steel. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Prerequisite(s): WELD 11105 and WELD 12105 or appropriate AWS certification for each course or permission of instructor and administration

Course ID	Course Title	Course Description	Placement Requirements
WELD 15001	Welding Lab II	1 Credit(s) : 3 Laboratory Hour(s) This course is a continuation of the individualized instruction and lab experiences provided in Welding Lab I to reinforce welding principles and practices leading to AWS certifications. Safety is emphasized. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.	Full set of exam scores – See NOTE at the end of document for acceptable exams. Prerequisite(s): WELD 14001 or appropriate AWS certifications or permission of instructor and administration

NOTE: ADHE requires a **full set** of placement scores for all concurrent credit courses, including technical concurrent credit courses (CTE). The CP in Education & CP in Computer Information Systems are considered CTE. Acceptable exams include ACT, SAT, ACCUPLACER, or CLT. ATLAS may be used for CTE placement only, if summative ELA and Math scores are within the 2, 3, or 4 level range.

For courses not listed, please contact your campus liaison.

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