



Approved Courses for UAM's Concurrent Enrollment Program

Course ID	Course Title	Course Description	Enrollment Requirements
ACCT 2213	Principles of Financial Accounting	A.C.T.S. Equivalent Course # ACCT 2003 3 credits: 3 hours lecture Fundamental accounting issues and concepts, interpretation and classification of accounts, and composition and analysis of financial statements. Offered: Fall, Spring, Summer.	Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428
ART 1053	Art Appreciation	A.C.T.S. Equivalent Course # ART 1003 3 credits: 3 hours lecture A basic introductory course in man's cultural heritage through the visual arts.	Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428
AUTO 1134	Suspension/Steering	4 credits: 3 hours lecture, 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-no minimum score required
AUTO 1214	Engine Repair	4 credits: 3 hours lecture, 3 hours shop Introduction to automotive engine construction and theory of operation for all engine systems and components including disassembly, inspection, repair, and reassembly procedures. The use of hand tools, equipment, and repair manuals are covered. Actual vehicles are utilized for training experience. 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-no minimum score required
AUTO 1224	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-no minimum score required
AUTO 1264	Automotive Brake	4 credits: 3 hours lecture, 3 hours shop Principles of hydraulic brake system, its components, safety switches and valves, drum and	Full set of exam scores-no minimum score required

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		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.	
BUS 1303	Tech Computer Applications for Business	3 Credits: 3 hours lecture Corequisite: BUS 1203 or permission of administration 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-no minimum score required
BUS 2613	Tech Small Business Management	3 Credits: 3 hours lecture 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-no minimum score required
CFA 1103	Tech Computer Fundamentals	3 credits: 3 hours lecture 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-no minimum score required
COM 1102	Employability Skills	2 credits: 2 hours lecture 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-no minimum score required
COM 1203	Tech Communication	3 credits: 3 hours lecture Prepares students to meet the expectations of the workplace by introducing concepts in the areas of	Full set of exam scores-no minimum score required

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		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.	
COMM 1023	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 COMM 1043.	Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428
EDUC 1143	Education for Schools and Society	3 credits: 3 hours lecture 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.	Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428
EMER 1138	Emergency Medical Technician-Basic	8 credits: 6 hour lecture, 2 hours lab, 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-no minimum score required
EMER 1103	Paramedic Human Anatomy & Physiology	3 credits: 3 hours lecture 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-no minimum score required
ENGL 1013	Composition I	A.C.T.S. Equivalent Course # ENGL 1013 3 credits: 3 hours lecture	English subtest - ACT 19 or Accuplacer 251 or Aspire 428

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		Writing course stressing reading skills as a basis for effective writing.	Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428
ENGL 1023	Composition II	A.C.T.S. Equivalent Course # ENGL 1023 3 credits: 3 hours lecture Prerequisite: Grade of C or better in ENGL 1013 or permission of School Dean Writing course emphasizing reading skills as a basis for effective writing. Documented term paper is required.	Grade of C or better in ENGL 1013 Composition I
ENGL 2283	Survey of World Literature I	A.C.T.S. Equivalent Course # ENGL 2113 3 credits: 3 hours lecture Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043 Major periods and writers from the Classical Age to the Renaissance.	ENGL 1013 Composition I and ENGL 1023 Composition II must be completed prior to enrollment.
ENGL 2293	Survey of World Literature II	A.C.T.S. Equivalent Course # ENGL 2123 3 credits: 3 hours lecture Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043 Major periods and writers from the Renaissance to the present.	ENGL 1013 Composition I and ENGL 1023 Composition II must be completed prior to enrollment.
GEOG 2213	General Geography I	A.C.T.S. Equivalent Course # GEOG 1103 3 credits: 3 hours lecture 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 19 or Accuplacer 251 or Aspire 428
HIST 1013	World History to 1500	A.C.T.S. Equivalent Course # HIST 1113 3 credits: 3 hours lecture Co-requisite: ENGL 1013 European and world development from early societies to 1500, emphasizing cultural, economic, religious, and political changes. Non-western societies are included.	Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428 Must be enrolled in ENGL 1013 Composition I.
HIST 1023	World History since 1500	A.C.T.S. Equivalent Course # HIST 1123 3 credits: 3 hours lecture Co-requisite: ENGL 1013 European and world development since 1500 to present, emphasizing cultural, economic, religious, and political changes. Non-western societies are included.	Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428 Must be enrolled in ENGL 1013 Composition I.
HIST 2213	American History I	A.C.T.S. Equivalent Course # HIST 2113 3 credits: 3 hours lecture Co-requisite: ENGL 1013 The growth of the United States from the discovery of America to 1876.	Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428 Must be enrolled in ENGL 1013 Composition I.
HIST 2223	American History II	A.C.T.S. Equivalent Course # HIST 2123 3 credits: 3 hours lecture Co-requisite: ENGL 1013 The United States from 1876 to the present.	Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428

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			Must be enrolled in ENGL 1013 Composition I.
HIT 1133	Tech Medical Terminology	3 credits: 3 hours lecture 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-no minimum score required
MAT 1203	Technical Mathematics	3 credits: 3 hours lecture 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-no minimum score required
MAT 2213	Advanced Industrial Math	3 credits: 3 hours lecture Prerequisite: MATH ACT of 16, C or above in MATH 143, completion of MAT 1203 Technical Mathematics, or satisfactory performance of placement test. 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 MAT 1203 Technical Mathematics Full set of exam scores
MATH 1003	Quantitative Literacy	A.C.T.S. Equivalent Course # MATH 1113 3 credits: 3 hours lecture Prerequisite: MATH 183 or satisfactory performance on a placement test NOTE: This course cannot be used for credit toward a Mathematics major or minor. Techniques of problem solving, topics from set theory, number theory, logic, consumer mathematics, and probability and statistics.	Math subtest – ACT 19 or Accuplacer 249 or Aspire 432 Reading subtest- ACT 19 or Accuplacer 251 or Aspire 428
MATH 1033	Trigonometry	A.C.T.S. Equivalent Course # MATH 1203 3 credits: 3 hours lecture Corequisite: MATH 1043	Math subtest – ACT 19 or Accuplacer 249 or Aspire 432

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		Definition of the trigonometric functions, solution of right and oblique triangles, trigonometric equations, and identities.	Must be enrolled in MATH 1043 College Algebra or MATH 1143 College Algebra with Review. OR have college credit for one of these courses. Reading subtest- ACT 19 or Accuplacer 251 or Aspire 428
MATH 1043	College Algebra	A.C.T.S. Equivalent Course # MATH 1103 3 credits: 3 hours lecture Prerequisite: MATH 183 or satisfactory performance on a placement test 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 260 Reading subtest- ACT 19 or Accuplacer 251 or Aspire 428
MATH 1143	College Algebra with Review	A.C.T.S. Equivalent Course # MATH 1103 3 credits: 5 hours lecture Prerequisites: MATH ACT of 19, C or above in MATH 183 or satisfactory performance on a placement test Designed for those with a MATH ACT of 19-21, students who previously failed MATH 1043, or students that need a slower paced course. The course content is the same as MATH 1043 College Algebra. Functions, graphs, quadratic functions, polynomial functions. Rational functional, exponential and logarithmic functions, systems of equations, applications of algebra, matrices, and the binomial theorem. Some topics from Intermediate Algebra, MATH 183, may be reviewed as needed.	Math subtest – ACT 19 or Accuplacer 249 or Aspire 432 Reading subtest- ACT 19 or Accuplacer 251 or Aspire 428
MATH 2255	Calculus I	A.C.T.S. Equivalent Course # MATH 2405 5 credits: 5 hours lecture Prerequisites: MATH 1175 or MATH 1033 and MATH 1043 Limits, derivatives, rates of change, integrals, and applications of both derivatives and integrals.	MATH 1033 Trigonometry & MATH 1043 College Algebra must be completed prior to enrollment.
MATH 2343	Introduction to Statistics	3 credits: 3 hours lecture Prerequisite: MATH ACT 21 or greater or successful completion of a 1000-level mathematics course. 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	Math subtest – ACT 21 or Accuplacer 259 or college credit of a 1000-level mathematics course Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428

Course ID	Course Title	Course Description	Enrollment Requirements
		utilize statistical inference procedures using computational tools.	
MUS 1023	Theory I	3 credits: 3 hours lecture Prerequisites: MUS 1072 with a grade of "C" or above Corequisite: MUS 1061 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 19 or Accuplacer 251 or Aspire 428
MUS 1113	Music Appreciation	A.C.T.S. Equivalent # MUS 1003 3 credits: 3 hours lecture Study of the major composers and representative compositions of the musical style periods.	Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428
NA 1017	Nursing Assistant	7 credits: 5 hours lecture, 2 hours lab, 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-no minimum score required
NUR 1514	PN Anatomy & Physiology	4 credits: 3 hours lecture, 2 hours lab 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-no minimum score required
PSY 1013	Introduction to Psychology	A.C.T.S. Equivalent # PSY 1103 3 credits: 3 hours lecture Co-requisite: ENGL 1013 Survey of the science of behavior.	Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428 Must be enrolled in ENGL 1013 Composition I.
SPAN 1003	Elementary Spanish I	A.C.T.S. Equivalent Course # SPAN 1013 3 credits: 3 hours lecture	Reading subtest - ACT 19 or Accuplacer 251 or Aspire 428

Course ID	Course Title	Course Description	Enrollment Requirements
		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.	
SPAN 1013	Elementary Spanish II	A.C.T.S. Equivalent Course # SPAN 1023 3 credits: 3 hours lecture Prerequisite: SPAN 1003 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 19 or Accuplacer 251 or Aspire 428 SPAN 1003 Elementary Spanish I must be completed prior to enrollment.
WELD 1103	Blueprint Reading	3 credits: 3 hours lecture 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-no minimum score required
WELD 1115	Basic Welding	5 credits: 2 hours lecture, 9 hours lab 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-no minimum score required
WELD 1215	Shielded Metal Arc Welding	5 credits: 2 hours lecture, 9 hours lab Corequisite: WELD 1115 or permission of instructor and administration 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-no minimum score required Must be enrolled in WELD 1115 Basic Welding.
WELD 1315	Gas Tungsten Welding	5 credits: 2 hours lecture, 9 hours lab Prerequisites: WELD 1115 and WELD 1215 or appropriate AWS certification for each course or	Full set of exam scores-no minimum score required

Course ID	Course Title	Course Description	Enrollment Requirements
		<p>permission of instructor and administration based on industry certifications/standards</p> <p>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.</p>	<p>WELD 1115 Basic Welding and WELD 1215 Shielded Metal Arc Welding must be completed prior to enrollment.</p>
WELD 1401	Welding Lab I	<p>1 credit: 3 hours lab</p> <p>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.</p>	<p>Full set of exam scores-no minimum score required</p>
WELD 1415	Gas Metal Arc Welding	<p>5 credits: 2 hours lecture, 9 hours lab</p> <p>Prerequisites: WELD 1115 and WELD 1215 or appropriate AWS certification for each course or permission of instructor and administration</p> <p>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.</p>	<p>Full set of exam scores-no minimum score required</p> <p>WELD 1115 Basic Welding and WELD 1215 Shielded Metal Arc Welding must be completed prior to enrollment.</p>

Please contact the Director of Concurrent Credit for questions about courses not listed. Email: haydenb@uamont.edu
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