

<b>Course ID &amp; Name</b>	<b>Catalog Descriptions</b>	<b>Prerequisite/Corequisite Course(s)</b>	<b>Minimum Score</b>	<b>Multiple Measures</b>	<b>Lecture, Lab, Credit Hours</b>	<b>I=Fall, II=Spring, III=Summer, V=Varies</b>
<b>ACCT 20003 Principles of Accounting I</b>	A study of fundamental accounting theory and procedures for sole proprietorship with emphasis on the accounting equation, the double-entry accounting system, financial statements, end-of-period adjusting and closing procedures, and internal control.	Prerequisite: "C" or above in Foundations of Math or Quantitative Literacy or College Algebra; or meet Math Placement Score requirement	ACT 16 (Math); or equivalent placement score; or "C" or above in Foundations of Math or Quantitative Literacy or College Algebra.		(3,0,3)	I, II
<b>ACCT 20103 Principles of Accounting II</b>	A continuation of Principles of Accounting I with emphasis on accounting for manufacturing corporations, differentiating between cost flow systems, analyzing and recording cost transactions, preparing cost reports, analyzing accounting information and understanding the budgeting process.	Prerequisite: "C" or above in Principles of Accounting I.			(3,0,3)	II
<b>ACCT 22143 Payroll Accounting</b>	Introduces students to the major tasks of payroll accounting. Examines employment practices; federal, state, and local government laws and regulations; internal controls; and various payroll accounting forms and records.	Prerequisite: "C" or above in Principles of Accounting I.			(3,0,3)	I
<b>ALHE 10051 Nursing Assistant I</b>	Nursing Assistant I covers the basic fundamental concepts essential to the foundation of the nursing assistant's education and training. This course includes basic instruction in communication, infection, safety, and an introduction to resident care. This course utilizes both theory instruction and skills demonstration in the classroom and lab.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(1,0,1)	I, II - campus by demand
<b>ALHE 10064 Nursing Assistant II</b>	Nursing Assistant II is a continuation of CNAP 1001. This course covers additional concepts and skills necessary to the nursing assistant curriculum. This course incorporates the addition of clinical practice into the already established theory instruction and skills demonstration given in the classroom and lab.	Prerequisite/corequisite: "C" or above in Nursing Assistant I.	ACT 15 (Reading) or higher; or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,2,4)	I, II - campus by demand

<b>ALHE 10071 Healthcare Provider CPR Adult/Child and First Aid</b>	Instruction is given in Healthcare Provider CPR Adult/Child and First Aid. Students receive certification through the American Heart Association. There will be a fee of \$10.00 assessed for CPR and First Aid Certification card. 16 contact hours.	None			(1,0,1)	I, //
<b>ALHE 10083 Introduction to Health Care Systems</b>	Examines the administration and structure of health care delivery in the United States. The course also provides information regarding the health care system development and discusses organizational patterns, facilities, health care personnel, and the economic, political, and environmental influences that affect the health care system.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	//
<b>ALHE 10102 Community Health Worker Practicum</b>	The internship is designed to provide students with a hands on clinical experience in the work place that correlates to the lecture content. Students will gain experience in public health, working with diverse populations, communication, engagement and advocacy, health education and care coordination. 80 hours minimum of instruction and internship training.				(0,6,2)	V
<b>ALHE 10105 Community Health Worker</b>	The Community Health Worker course is designed to provide students with the knowledge and practice skills necessary to function as a community health worker. Students will be taught in the areas of public health, working with diverse populations, communication, engagement and advocacy, health education and care coordination. 80 contact hours.				(5,1,5)	V
<b>ALHE 10131 Pediatric HCP CPR &amp; First Aid</b>	This course is designed to teach the skills of CPR, relief of choking for infants and children, the prevention of injuries and cardiac arrest, and basic pediatric first aid to all lay rescuers, particularly those who are expected to respond to emergencies in the workplace. Students receive certification through the American Heart Association. There will be a fee of \$10 for each certification card.	Co-requisites: If applicable, Child Care Orientation, Foundations of Early Childhood, Child Growth and Development, Child Care Program Administration			(1,0,1)	I, //

<b>ALHE 10231 Adult CPR &amp; First Aid</b>	Instruction is given in Adult Heart saver CPR and Adult First Aid for lay rescuers, particularly those who are expected to respond to emergencies in the workplace. Students receive certification through the American Heart Association. There will be a fee of \$10.00 assessed for CPR and First Aid Certification card. 12 contact hours.	None			(1,0,1)	<i>I, II</i>
<b>ALHE 10503 Medical Terminology</b>	The student is introduced to terminology that is specific to the healthcare industry. The student will gain understanding of the content using basic rules and elements for building and analyzing medical terms associated with anatomy and physiology of all body systems, including vocabulary and abbreviations used in the medical field.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent score	High school GPA 3.0 graduating within last 5 years	(3,0,3)	<i>I, II, III</i>
<b>ALHE 11031 Nursing Assistant III</b>	Nursing Assistant III covers the specialized skills and understanding necessary when caring for residents with Alzheimer's and Dementia (Barbara Broyles Alzheimer's and Dementia Training Program). This course covers such topics as respect, communication, behavioral issues, nutrition, activities, and burnout.	Prerequisite/corequisite: "C" or above in Nursing Assistant I and Nursing Assistant II.	ACT 15 (Reading) or higher; or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(1,0,1)	<i>I, II - campus by demand</i>
<b>ALHE 13303 Phlebotomy Theory with Practicum</b>	Phlebotomy Theory and Practicum covers the basic fundamental concepts essential to the foundation of the phlebotomy technician education and training. This course includes basic instruction in quality assurance, patient confidence, infection control, safety, anatomy, an introduction to skillful drawing of blood specimens, and specimen processing techniques. This course utilizes both theory instruction and skills demonstration in the classroom and lab.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent score	High school GPA 3.0 graduating within last 5 years	(2,3,3)	<i>Varies</i>
<b>ALHE 14003 Fundamentals of Surgical Scrub Nursing</b>	The course covers topics such as safe surgical environment, surgical asepsis and sterile technique, utilization and care of surgical instrumentation and equipment, Intraoperative patient care, surgical site management.	Prerequisite: Current and active LPN/LVN or RN License			(3,0,3)	<i>Offered on demand</i>

<b>ALHE 15001 Surgical Scrub Nursing Procedures</b>	This course provides hands on practice and integration of theoretical concepts into a controlled setting. Essential principles and techniques are practiced which include surgical asepsis, surgical techniques, surgical instrumentation and equipment, prepping and draping the patient, and surgical site management.	Prerequisite: Current and active LPN/LVN or RN License			(0,3,1)	<i>Offered on demand</i>
<b>ALHE 16003 Surgical Scrub Nursing Clinical</b>	Under the supervision of a preceptor, the student provides direct patient care in the surgical setting. Students are exposed to a variety of surgical experiences progressing from observational scrub to second scrub to first scrub.	Prerequisite: Current and active LPN/LVN or RN License			(0,9,3)	<i>Offered on demand</i>
<b>ALHE 20003 Legal Concepts of Health Care</b>	Provides an overview of the principles of law as applied to health care. The course gives consideration to the importance of medical records as legal documents, to the legal aspects of healthcare organizations, to the release of information, and to consents and authorizations.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent score	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	<i>Varies</i>
<b>ALHE 20303 Red Cross CPR and First Aid</b>	This is a course in basic American Red Cross First Aid and American Red Cross Community CPR.				(2,1,3)	<i>Varies</i>
<b>ANTH 20103 Cultural Anthropology</b>	Introduces the concept of culture and cultural processes. Examines perceptions of race, gender, and ethnicity. Compares human adaptation across cultures and through time in terms of subsistence methods, social and political organization, economics, stratification, marriage and family structure, religion, kinship, and language. Online course.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>V; Not currently offered, but accepted for transfer credit</i>
<b>ARHS 10003 Art Appreciation</b>	An introductory survey of the visual arts. Exploration of purposes and processes in the visual arts including evaluation of selected works, the role of art in various cultures, and the history of art.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>I,II,III</i>
<b>ARTS 10003 Drawing I</b>	An introductory course in drawing techniques and media.		none		(3,0,3)	<i>V</i>
<b>ARTS 10203 Drawing II</b>	A continuation of the study of drawing with more advanced projects and media experiences, including on-site drawing and drawing in a series.	Prerequisite: "C" or above in Drawing I			(3,0,3)	<i>V</i>

<b>ARTS 10243 Painting</b>	An introductory course in painting techniques and media.				(3,0,3)	V
<b>ASTR 12004 Introduction to Astronomy</b>	A basic study of the solar system, stars, galaxies, and the rest of the universe. A lab is required. A <i>"C" or above in Foundations of Math or Math ACT 17 or above or equivalent placement score is strongly recommended.</i>	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3, 2, 4)	I,III
<b>BIOL 10031 Biology for Non-Majors Lab</b>	This is a lab course to accompany biology for non-majors and is a survey to introductory concepts such as the scientific method, cell structure, microscopy, homeostasis, taxonomy, reproduction, basic genetics, evolutionary and population genetics as well as ecology. Not appropriate for biology or health science majors.		ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(0,2,1)	
<b>BIOL 10043 Biology for Non-Majors Lecture</b>	Biology for non-majors is a survey of biology to include scientific processes, biological principles of living organisms, including classification, structure, function and evolutionary adaptation. An introduction to the concepts of genetics, reproduction, evolution and ecology. Not appropriate for biology or health science majors.		ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	
<b>BINS 10303 Keyboarding/Skills</b>	Introduction to keyboarding course that covers finger keys and basic typing skills on a keyboard.					V
<b>BIOL 10093 Essentials of Anatomy and Physiology I</b>	Essentials of Human Anatomy and Physiology I is a study of the structure of the human body and functions with emphasis on the skeletal, muscular, reproductive, and endocrine systems. This course is a non-lab human anatomy and physiology course which meets the requirements for many allied health professions.	Prerequisite: "C" or higher in Foundations of Composition or Composition I or use placement score or multiple measure.	ACT 15 (Reading); or equivalent score	High school GPA 3.0 graduating within last 5 years.	(3,0,3)	I,II
<b>BIOL 10104 Biology</b>	This course combines lab and lecture to present the morphological, physiological, and taxonomic survey of the plant and animal kingdoms with emphasis on basic biological concepts.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,2,4)	I,II

<b>BIOL 10193 Essentials of Anatomy and Physiology II</b>	Essentials of Human Anatomy and Physiology II is a continuation of Essentials of A&P I with emphasis on the circulatory, digestive, urinary, nervous, and respiratory systems. This course is a non-lab human anatomy and physiology course that meets the requirements for many allied health professions.	Prerequisite: "C" or above in Essentials of Anatomy and Physiology I			(3,0,3)	<i>I,II</i>
<b>BIOL 10203 Basic Anatomy</b>	Basic Anatomy is a single-semester non-lab survey course introducing the structure of the human body. Topics include anatomical terminology and basic body systems including the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. This is a non-transferable course that cannot replace COLLEGE LEVEL BIOLOGY but may be used to prepare for certain technical programs.	Prerequisite: "C" or higher in Foundations of Composition or Composition I or use placement score or multiple measure.	ACT 15 (Reading); or equivalent score	High school GPA 3.0 graduating within last 5 years.	(3,0,3)	<i>I,II</i>
<b>BIOL 10304 General Botany</b>	Botany is a study of the plant kingdom, including the structure, physiology and phylogeny of plants.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,2,4)	<i>V; Not currently offered, but accepted for transfer credit</i>
<b>BIOL 10504 Zoology</b>	Zoology is a survey of the major taxa of the animal kingdom using a phylogenetic and systemic approach. Major physiological systems will be covered for each phylum with emphasis on their evolution, structure and function. Laboratory is designed to complement the lecture component of the course and includes dissection.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,2,4)	<i>V; Not currently offered, but accepted for transfer credit</i>
<b>BIOL 12091 Biology Lab</b>	A laboratory course to accompany the Biology lecture as a morphological, physiological, and taxonomic survey of the plant and animal kingdoms with emphasis on basic biological concepts.	Corequisite: If applicable, Biology Lecture			(0,2,1)	<i>I,II,III</i>

<b>BIOL 12193 Biology Lecture</b>	This course is a morphological, physiological, and taxonomic survey of the plant and animal kingdoms with emphasis on basic biological concepts.	Corequisite: If applicable, Biology Lab. Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>I,II,III</i>
<b>BIOL 20004 Microbiology</b>	A study of the general characteristics of microorganisms with emphasis on the role of microorganisms in areas related to human health and disease. Course includes laboratory assignments.	Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(3,2,4)	<i>V; Not currently offered, but accepted for transfer credit</i>
<b>BIOL 22191 Human Anatomy and Physiology I Lab</b>	A laboratory course to accompany Human Anatomy and Physiology I as a detailed study of the structure and function of the human body with emphasis on cellular processes, tissues, integumentary, skeletal, muscular, and endocrine systems. Students must complete laboratory exercises to include dissection. <i>*Note Anatomy I and Anatomy II should be taken at the same institution to be transferable.</i>	Corequisite: If applicable, Human Anatomy Physiology I Lecture Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(0,2,1)	<i>I,II,III</i>
<b>BIOL 22293 Human Anatomy and Physiology I Lecture</b>	A lecture course that presents a detailed study of the structure and function of the human body with emphasis on cellular processes, tissues, integumentary, skeletal, muscular, and endocrine systems. <i>*Note Anatomy I and Anatomy II should be taken at the same institution to be transferable.</i>	Corequisite: If applicable, Human Anatomy Physiology I Lab. Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(3,0,3)	<i>I,II,III</i>
<b>BIOL 22391 Human Anatomy and Physiology II Lab</b>	A laboratory course to accompany the Human Anatomy and Physiology II Lecture course to entail the structure and function of the human body with emphasis on the circulatory system and blood, lymphatic system, digestive system and nutrition, urinary system and excretion, nervous system and special senses, respiratory, and reproductive systems. Students must complete laboratory exercises to include dissection. <i>*Note Anatomy I and Anatomy II should be taken at the same institution to be transferable.</i>	Prerequisite: "C" or above in Human Anatomy and Physiology I split or combo or permission of instructor.  Corequisite: If applicable, Human Anatomy II Lecture.			(0,2,1)	<i>I,II,III</i>

<b>BIOL 22493 Human Anatomy and Physiology II Lecture</b>	Human Anatomy and Physiology II is a detailed study of the structure and function of the human body with emphasis on the circulatory system and blood, lymphatic system, digestive system and nutrition, urinary system and excretion, nervous system and special senses, respiratory, and reproductive systems. <i>*Note Anatomy I and Anatomy II should be taken at the same institution to be transferable.</i>	Prerequisite: "C" or above in Human Anatomy and Physiology I, or permission of instructor.  Corequisite: If applicable, Human Anatomy II Lab.			(3,0,3)	<i>I,II,III</i>
<b>BIOL 22591 Microbiology Lab</b>	A laboratory course to accompany Microbiology lecture for a study of the general characteristics of microorganisms with emphasis on the role of microorganisms in areas related to human health and disease.	Corequisite: If applicable, Microbiology Lecture. Prerequisite: "C" or above in Composition I OR has minimum score Requirements.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(0,2,1)	<i>I,II,III</i>
<b>BIOL 22693 Microbiology Lecture</b>	A study of the general characteristics of microorganisms with emphasis on the role of microorganisms in areas related to human health and disease.	Corequisite: If applicable, Microbiology Lab. Prerequisite: "C" or above in Composition I OR has minimum score Requirements.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(3,0,3)	<i>I,II,III</i>
<b>BIOL 24004 Human Anatomy and Physiology I</b>	A combined lecture and lab course that presents a detailed study of the structure and function of the human body with emphasis on cellular processes, tissues, integumentary, skeletal, muscular, and endocrine systems. Students must also complete laboratory exercises to include dissection. <i>*Note Anatomy I and Anatomy II should be taken at the same institution to be transferable.</i>	Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(3,2,4)	<i>V; Not currently offered, but accepted for transfer credit</i>



<b>BIOL 24104 Human Anatomy and Physiology II</b>	Human Anatomy and Physiology II is a detailed study of the structure and function of the human body with emphasis on the circulatory system and blood, lymphatic system, digestive system and nutrition, urinary system and excretion, nervous system and special senses, respiratory, and reproductive systems. Students must also complete laboratory exercises to include dissection. <i>*Note Anatomy I and Anatomy II should be taken at the same institution to be transferable.</i>	Prerequisite: "C" or above in Human Anatomy and Physiology I, or permission of instructor.			(3,2,4)	V; Not currently offered, but accepted for transfer credit
<b>BLAD 12001 Knifemaking</b>	This course teaches basic knifemaking using a knife kit. Students are also taught basic understanding of knife parts and safety in the shop.				(1,0,1)	On Demand
<b>BLAD 12202 Bladesmithing</b>	This class introduces the student to beginning Bladesmithing using hand forging techniques. Students are taught concepts and techniques needed to make a blade through proper forging of metal. Metal selection, blade design, hand forging to shape, normalizing, and grinding are covered. Students should complete this course with a rough ground knife. Students are taught to heat treat, temper, put a proper edge, test and prepare for a guard. Proper hand finishing is taught. Students must bring two of their rough ground blades to class. Students should complete the course with a finished blade.	Prerequisite: "C" or above in Knifemaking or instructor approval			(1,2,2)	On Demand
<b>BLAD 14101 Damascus Steel</b>	This course is designed for students who have completed Bladesmithing or a smith with documented experience in the process of knife making. This course prepares students to learn pattern welding using common carbon Damascus alloys and methods. The class will focus on material preparation, forge welding, power hammer technique and proper forge practices	Prerequisite: "C" or above in Bladesmithing or instructor approval			(1,1,1)	On Demand

<b>BLAD 15101 Advanced Bladesmithing- Skill Builders</b>	Advanced Bladesmithing-Skills Builders course is a continuation of Bladesmithing and allows students to hone their Bladesmithing skills whether they are apprentices, Journeyman smiths, or master-smiths. Students in this course work with a Master Bladesmith to refine their techniques while focusing on areas that are of interest or need improvement. The instructor works with students to solve individual problems and identify areas of weakness while teaching alternative and more advanced skills. Students are encouraged to bring items or issues that they are having trouble with to improve their skill level.	Prerequisite: "C" or above in Bladesmithing or instructor approval			(0,3,1)	<i>On Demand</i>
<b>BLAW 20003 Business Law</b>	This course provides studies in some of the basic characteristics of the American system of free enterprise and legal obligations and rights of the individual. Topics include contracts, personal property, commercial property, agency and employment, business organization, and real property.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.		(3,0,3)	<i>I</i>
<b>BUSI 10103 Introduction to Business</b>	This course is designed to survey business activities of individual, national, and international scope. A comparison of economic systems with emphasis on the free enterprise system including forms of ownership, organization and management, labor relations, production, marketing, finance, and legal and regulatory influences.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.		(3,0,3)	<i>I,II</i>

<b>BUSI 12303 Professionalism in the Workplace</b>	The course is designed to prepare students in making the transition from higher education to the workforce. Students will gain the knowledge and skills required to obtain and maintain employment. Topics covered will include professionalism, ethics, self-management skills, communication, teamwork, resume writing, interview and employability skills, cultural awareness (diversity), barriers to employment and conflict resolution.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	3,0,3	/, //
<b>BUSI 13663 Introduction to Marketing</b>	This course is a study of the tenets and principles of the organizational function known as marketing, including the historical perspective as well as the application of the processes, strategies and techniques. It offers instruction to those students who wish to further develop their marketing skills and to those who wish to pursue a career in marketing / management.	Prerequisite: "C" or above in Introduction to Business			(3,0,3)	//
<b>BUSI 20103 Business Communications</b>	This course surveys the principles of effective oral, written, and interpersonal communication. The course provides practice in writing business documents, making oral presentations, and developing interpersonal communication skills related to today's business environment.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading) and ACT 16 (English) or equivalent placement score or above OR "C" or higher in Foundations of Composition or Composition I.		(3,0,3)	//
<b>BUSI 21003 Business Statistics</b>	This course provides an introduction of statistical methods used in studying business and economic data, descriptive statistics, probability theory, discrete and continuous distributions, estimation, sampling concepts and hypothesis testing.	Prerequisite: "C" or above in College Algebra or Quantitative Literacy.			(3,0,3)	/

<b>BUSI 21063 Human Resource Management</b>	This course is a study of the principles, polices, practices, methods, and procedures related to effective utilization of human resource management department(s) in organizations from employment to retirement.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.		(3,0,3)	//
<b>BUSI 23263 Business Calculus</b>	This course provides an introduction to the concepts of differentiation and integration. Emphasis will be placed on applications of calculus in business, economics, and accounting.	Prerequisite: "C" or better in College Algebra.			(3,0,3)	//
<b>BUSI 23333 Introduction to Management</b>	This course offers instruction to help students further develop their understanding of the role of a manager. It provides a focus upon the process of management, the strategies and techniques employed in the 21st century and a reference for those who wish a career in management.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.		(3,0,3)	/
<b>BUSI 24003 Entrepreneurial Leadership</b>	This course offers instruction to help students further develop their entrepreneurial and leadership skills. Students will learn the basics of Business Plan writing and be required to accurately present their plan in a professional manner. Students will also learn of a variety of different leadership styles and traits associated with business in the 21st century.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.		(3,0,3)	//
<b>BUSI 25003 Personal Finance</b>	This course is a study of the basic principles of personal management of banking services, consumer credit, insurance, real estate, savings and investments, pensions and annuity plans, and estate planning.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.		(3,0,3)	/
<b>BUSI 27063 Independent Study</b>	Research and independent investigation in areas of business under the supervision of the instructor. Prerequisites: Sophomore - second semester standing and permission of advisor and instructor. Offered upon demand.		Advisor approval		(3,0,3)	V

<b>BUSI 28103 SPECIAL TOPICS</b>	The special topics course is designed to cover emerging issues or specialized content not represented in regular course offerings and is not intended for transfer.	Dean Approval				V
<b>BUSI 29103 INTERNSHIP</b>	The internship course is designed to allow students the opportunity to gain experiential knowledge and skills while working under the direction of a site supervisor or preceptor. The internship represents an educational strategy that links classroom learning to hands on experiences in the student's program of study.	Dean Approval				V
<b>CESC 11033 Introduction to Cybersecurity</b>	This course introduces the cybersecurity discipline and the crosscutting concepts related to cybersecurity thought, which includes design principles, cryptography basics, organizational risk management and privacy concepts.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within the last 5 years.		//
<b>CESC 22033 Access Control</b>	This course covers logical and physical access control policy and mechanisms for cyber systems. Additional topics covered include authorization, identification, authentication, and monitoring in access control.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.			
<b>CESC 22203 Incident Response</b>	This course prepares students for the lifecycle of planning for, responding to and recovering from cybersecurity incidents. Topics include the technical mechanisms for log review, identification, containment and eradication and the organizational management of cybersecurity incident response, business continuity and disaster recovery functions	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.			

<b>CESC 22403 Network Security</b>	This course covers the physical areas; logical aspects, goals and plans; and different standards for network security. The OSI model of networking will be used to study different types of secure protocols, accounts, and software packages. Policy, authentication, authorization, keying, hacking, encryption, wireless, disaster recovery, and application security will also be covered. The course is an introduction to network security and covers the objectives of the Security+ exam provided by CompTIA.	Prerequisite/Corequisite: Networking Essentials			(3,0,3)	
<b>CHEM 10004 Introduction to Chemistry</b>	Survey course introducing Chemistry as it applies to the real world. Includes basic topics of scientific method, measurement, states of matter, atomic structure, periodic table, chemical properties, and chemical reactions. Appropriate for general education. Not appropriate for science majors. Lab required.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,2,4)	/
<b>CHEM 11001 Introduction to Chemistry Lab</b>	Lab course introducing Chemistry as it applies to the real world. Includes basic topics of scientific method, measurement, states of matter, atomic structure, periodic table, chemical properties, and chemical reactions. Appropriate for general education. Not appropriate for science majors. Lab only.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(0,2,1)	/
<b>CHEM 11003 Introduction to Chemistry Lecture</b>	Survey course introducing Chemistry as it applies to the real world. Includes basic topics of scientific method, measurement, states of matter, atomic structure, periodic table, chemical properties, and chemical reactions. Appropriate for general education. Not appropriate for science majors. Lecture only.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	/

<b>CHEM 11123 Basic Chemistry</b>	Basic Chemistry is a single-semester, non-lab survey course introducing select fundamental concepts of chemistry including nomenclature, atomic and molecular structure, chemical bonding and reactions, acid/base chemistry and identifying potentially harmful chemicals in the workplace. This is a non-transferable course appropriate for general education and cannot replace COLLEGE LEVEL CHEMISTRY but may be used in preparation for certain technical programs.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent score	High school GPA 3.0 graduating within last 5 years.	(3,0,3)	<i>I,II</i>
<b>CHEM 11151 Chemistry I Lab</b>	An algebra-based chemistry course with emphasis on inorganic chemistry. Among the topics to be covered are measurement, physical and chemical properties, atomic structure and quantum theory, periodic law, bond theory, inorganic nomenclature, chemical reactions, stoichiometry, gas laws, solutions, thermodynamics, acid-base reactions, oxidation-reduction reactions, and radioactivity.	Prerequisites: "C" or higher in College Algebra Corequisite: If applicable Chemistry I Lecture	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq. (See required prerequisite)		(0,3,1)	<i>I,II</i>
<b>CHEM 11163 Chemistry I Lecture</b>	Algebra-based chemistry course applicable for chemistry and other science majors, and preprofessional students. This is the first course of a two-course sequence. Course content provides a foundation for work in advanced chemistry and related sciences. Course includes in-depth study of nomenclature, including organic nomenclature, atomic and molecular structure, stoichiometry, bonding, and reactions. Lab required.	Prerequisites: "C" or higher in College Algebra Corequisite: If applicable Chemistry I Lab	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq. (See required prerequisite)		(0,3,1)	<i>I,II</i>
<b>CHEM 11211 Chemistry II Lab</b>	Laboratory course that supports concepts learned in Chemistry II.	Prerequisites: "C" or above in Chemistry I split or combo.			(4,0,4)	II
<b>CHEM 11213 Chemistry II Lecture</b>	Lecture course that covers the introduction to intermolecular forces, chemical equilibrium, electrochemistry, thermodynamics, solubility equilibrium and properties of solutions, titration equilibrium, chemical kinetics, acid-base theory and oxidation-reduction.	Prerequisites: "C" or above in Chemistry I split or combo.			(3,0,3)	II

<b>CHEM 14104 Chemistry I</b>	Algebra-based chemistry course applicable for chemistry and other science majors, and pre-professional students. This is the first course of a two-course sequence. Course content provides a foundation for work in advanced chemistry and related sciences. Course includes in-depth study of nomenclature, including organic nomenclature, atomic and molecular structure, stoichiometry, bonding, and reactions. Lab required.	Prerequisites: "C" or higher in College Algebra	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq. (See required prerequisite)		(3,3,4)	<i>V; Not currently offered, but accepted for transfer credit</i>
<b>CHEM 14204 Chemistry II</b>	An introduction to intermolecular forces, chemical equilibrium, electrochemistry, thermodynamics, solubility equilibrium and properties of solutions, titration equilibrium, chemical kinetics, acid-base theory and oxidation-reduction.	Prerequisites: "C" or above in Chemistry I split or combo.			(3,3,4)	<i>II</i>
<b>CPSI 10003 Introduction to Computers</b>	A survey of the computer industry with application software lab exercises, including but not limited to history, uses, types, hardware, software, teleprocessing, and networking of computers. Lab exercises introduce the fundamentals of the three most common microcomputer applications: word processing, electronic spreadsheets, and databases. <i>It is recommended that the student be able to type 25 words per minute.</i>	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	<i>I,II,III</i>
<b>CRJU 10203 Introduction to Criminal Justice</b>	Introduction to Criminal Justice introduces the history, development and philosophy of the three major components of the criminal justice system: law enforcement, the courts and the corrections system. Included is an overview of the United States Criminal Justice system and detailed analysis of the interaction between substantive and procedural law.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>I,II</i>



<b>CRJU 13283 Criminal Investigation</b>	A study of the fundamentals of criminal investigation, theory, and history from crime scene to courtroom with an emphasis on techniques appropriate to specific crime scenes.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.		(3,0,3)	/
<b>CRJU 14083 Arkansas Criminal Law</b>	A study of the criminal statutory provisions in the State of Arkansas. The course includes the interpretation of the Statutory criminal law as set forth by the Arkansas Supreme Court and U.S. Supreme Court.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.		(3,0,3)	//
<b>CRJU 20483 Evidence</b>	A comprehensive study of the rules of evidence. Includes criminal proceedings (trials and hearings), admissibility of evidence, exclusion of illegally seized evidence, burden of proof, hearsay evidence, opinion and expert testimony, admissions, and confessions.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.		(3,0,3)	V; <i>Not currently offered, but accepted for transfer credit</i>
<b>CRJU 21183 Law Enforcement Ethics</b>	A self-paced examination of the various ethical issues encountered by professionals within the criminal justice system, with an emphasis on law enforcement. Includes the basic philosophies of moral and ethical development and emphasizes police conduct, authority, discretion, and responsibilities.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.		(3,0,3)	V; <i>Not currently offered, but accepted for transfer credit</i>

<b>CTTE 10003 Blueprint Reading</b>	This course is designed to introduce the student to the concepts of reading and interpreting basic drawings.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(3,0,3)	<i>I-Regular Students, II SCC Students</i>
<b>CTTE 11103 Kitchen Products</b>	This course will provide an overview of kitchen products as they relate to residential and commercial applications. Course topics will include principles of operation, installation of, and components associated with each product.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	3,0,3	<i>I,II</i>

<b>CTTE 11203 Laundry Products</b>	This course will provide an overview of kitchen and Laundry products as they relate to residential and commercial applications. This will include an understanding of the relation of the components and controls associated with each product. Students will focus primarily on troubleshooting and repairing all kitchen and laundry products at the component level.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	3,0,3	<i>I,II</i>
<b>CTTE 12303 Troubleshooting and Repair</b>	This course will provide an overview of kitchen and Laundry products as they relate to residential and commercial applications. This will include an understanding of the relation of the components and controls associated with each product. Students will focus primarily on troubleshooting and repairing all kitchen and laundry products at the component level.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	3,0,3	<i>I,II</i>

<b>CTTE 12403</b> <b>Basic Carpentry</b>	This course is an introduction to the basic principles, tools, and methods associated with the basic carpentry and painting knowledge and skills required in the maintenance and repair of commercial and residential facilities.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	3,0,3	<i>I,II</i>
<b>CTTE 12503</b> <b>Basic Plumbing</b>	This course is an introduction to the basic principles, tools, and methods associated with the basic plumbing knowledge and skills required in the maintenance and repair of commercial and residential facilities.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	3,0,3	<i>I,II</i>

<b>DIEL 10054 Basic Diesel Shop</b>	A lecture-demonstration course in shop safety and management. The course emphasizes how to use and read service manuals/software, proper use of shop tools, measuring devices, order parts, perform jobs in the shop, have good rapport with customers, and search for a job.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	<i>Odd and Even Years</i>
<b>DIEL 11035 Engine Systems</b>	A course designed to help the student become acquainted with gasoline engines. This course emphasizes the principles of operation, the components of gasoline engines and their relationship to internal combustion engines.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(3,6,5)	<i>Odd Years</i>

<b>DIEL 12034 Diesel Engines</b>	An introductory course covering shop tools, special service tools, precision-measuring instruments, shop equipment, and the fundamentals of diesel engine disassembly and assembly. This course emphasizes the diagnosis of failed components and their relationship to normal wear along with proper R/R procedures.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.		<i>I Fall Odd Years</i>
<b>DIEL 13044 Fuel Systems</b>	This course provides an introduction to fuel systems used on medium and heavy-duty diesel engines. Students learn to recognize and identify various components of diesel fuel systems and understand the purpose each component serves. Common problems encountered in servicing diesel fuel systems are also covered.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	<i>II Even Years</i>

<b>DIEL 14034 Electrical Systems</b>	This course is designed to give the student a background in and a working knowledge of the principles and functions of charging and starting circuits and electronic controls relating to diesel equipment electrical systems. This courses allows students to troubleshoot electrical systems along with learning the basic fundamentals of electricity and its relationship with diesel electronics and computer systems.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	// Even Years
<b>DIEL 14104 Diesel Electronics</b>	This course is designed to diagnose and repair electrical components. This course covers vehicular computers, instrument gauges, instrument panels, power windows, power door locks, power seats, diesel ignition systems, warning devices, and passive restraint systems.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	// Even Years

<b>DIEL 20004 Suspension and Steering</b>	This course focuses on frame construction, suspension systems, wheels and tires, basic alignment angles, and alignment procedures of heavy-duty vehicles and steering systems. Common problems and corrections of alignment angles and repair and diagnosis of these systems are also covered.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	<i>// Even Years</i>
<b>DIEL 20204 Brakes and Hydraulics</b>	A study of braking systems, design, purposes, and control devices. This course provides instruction in system components and operation and servicing of hydraulic, power-assist, and air brake units.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	<i>// Odd Years</i>



<b>DIEL 21034 Clutches and Power Trains</b>	A course designed to help the student understand different types of clutches, transmissions, and differentials used in heavy-duty vehicle systems.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	// Odd Years
<b>DIEL 22034 Air Conditioning</b>	A basic course in automotive air conditioning. Lecture and demonstrations cover such topics as troubleshooting, identifying and replacing components, charging, and servicing the air conditioning system.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	// Odd Years

<b>DIEL 22104 Troubleshooting &amp; Inspection</b>	The student will learn to listen to and verify operator's complaints, and review past maintenance documents to determine needed repairs, and proper procedures for inspecting and repairing the cab and body, tires and wheels, engine compartments, electrical and electronic systems, and chassis and undercarriage.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	<i>I Even Years</i>
<b>ECED 10061 Child Care Orientation Training</b>	This course is designed to provide ten hours of basic orientation training in Early Childhood Education.				(1,0,1)	<i>I, II</i>
<b>ECED 10103 Foundations of Early Childhood Education</b>	This course is a study of the principles of child development and learning, and their implication to the teacher in early childhood education programs. The emphasis of this course is on safety, health, and the learning environment. This course is designed to acquaint the student with the historical roles of families in their child's development. The student will become familiar with the theories that early childhood education is based upon and learn how to develop an effective program designed uniquely for children birth to age eight. The student will also obtain knowledge of state and federal laws pertaining to the care and education of young children. The course content is based upon guidelines established by the Council for Early Childhood Professional Recognition. This course includes directions in completing a CDA packet for assessment and preparing a resource file.	Prerequisite: Completed or Enrolled in Child Care Orientation Training. Corequisite: Child Growth and Development, Environments for Young Children	ACT 15 (Reading); or equivalent placement score.		(3,0,3 )	<i>I,II</i>

<b>ECED 11043 Child Growth and Development</b>	<p>This course is a study of the principles of child development and learning, and their implications to the teacher in early childhood programs. The emphasis of this course is on the physical, cognitive, communication, creative, self, social and the guidance aspects of early childhood programs. This course focuses on children birth to age eight and covers all aspects of a child's physical and cognitive growth and socio-emotional development. The student will be introduced to ways to observe and evaluate children's development and recognize possible delays in development. The course content is based upon guidelines established by the Council for Early Childhood Professional Recognition. This course includes directions in completing a CDA packet for assessment and preparing a resource file.</p>		ACT 15 (Reading); or equivalent placement score.		(3,0,3)	<i>I,II</i>
<b>ECED 12043 Environments for Young Children</b>	<p>This course is a study of early childhood education as a profession. The emphasis of this course includes strategies to establish family relationships, managing an effective program, and maintaining a commitment to professionalism. This course is designed to provide the student with a broad knowledge base on how to design a program for children developing both typically and atypically. The course provides the opportunity to plan environments that are physically and emotionally secure. The student will plan and implement activities that are age, stage, and culturally appropriate for children birth to age eight. The course content is based upon guidelines established by the Council for Early Childhood Professional Recognition. This course includes directions in completing a CDA packet for assessment and preparing a resource file.</p>		ACT 15 (Reading); or equivalent placement score.		(3,1,3)	<i>I,II</i>

<b>ECED 12063 Child Care Program Administration</b>	This course is designed to help the student become a successful administrator of a quality early childhood education program. The course provides information on how to operate both proprietary and non-profit programs. The course helps the student to identify and develop strategies for dealing with management situations, providing quality care as well as training in leadership and organizational skills.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.		(3,0,3)	<i>Offered on demand</i>
<b>ECED 12203 Early Childhood Learning Environments</b>	This course is a study of the elements of a quality early childhood environment.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	//
<b>ECED 14033 Child Development</b>	This course provides an introductory overview of human development from prenatal development through age eighteen. Physical, cognitive, and social-emotional development of typically and atypically developing children will be examined. Students will learn how adults can support children's learning and development. Students will also learn how they can enrich learning with developmentally appropriate practices.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	/, //
<b>ECED 20063 History and Foundations of Childcare Education</b>	A course designed to cover the basics of early childhood and the principles found in early childhood education.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	<i>Offered on demand</i>
<b>ECED 20163 Child Behavior and Guidance</b>	A course designed to make the child care provider aware of behaviors and actions that are found in the child care environment. The course will also cover the principles of guidance of child behaviors.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	/

<b>ECED 23063 Literacy and Language Arts in Early Childhood</b>	This course is designed to make the early childhood educator aware of the acquisition of language and how to provide children birth through pre-kindergarten, including children with special needs with language rich environments by incorporating the four areas of language: speaking, listening, writing and reading.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	//
<b>ECED 24063 Math and Science for Early Childhood</b>	Students will become familiar with a variety of ways to introduce children Birth through pre- kindergarten, including children with special needs to ideas and concepts related to math and science. Students will create activities; plan and practice developmentally appropriate experiences that would meet recognized standards (NAEYC, NCTM, etc.) for these areas.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	/
<b>ECON 21003 Macroeconomic s</b>	A study of macroeconomics analysis including aggregate employment, income, fiscal and monetary policy growth, and business cycles.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	//
<b>ECON 22003 Microeconomic s</b>	A study of microeconomics analysis including market structures, supply 159 and demand, production costs, price and output, and international economics.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	/
<b>EDHP 20063 Introduction to Education with Field Experience</b>	An introduction to teaching focusing on the history of philosophy of education. Requires a minimum of 30 hours of observation in Arkansas public schools. Students are scheduled to observe at least 5 hours each in elementary, middle school, and secondary settings.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,2,3)	/, //

<b>EDHP 21063 K-12 Education Technology</b>	This course will address uses of technology to enhance classroom instruction for current and future teachers, K-12. On completion of the course, students will be able to use computers and application software, integrate computers and educational technology, access information on the World Wide Web, prepare E-portfolios, and develop PowerPoint presentations for classroom instruction. It is recommended that the student be able to type 25 words per minute.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	<i>I, II</i>
<b>ELTE 11004 Basic Electricity</b>	This course is the study of the physical characteristics of electricity in different forms. This course will include knowledge in the subjects of magnetism, static, AC/DC theory, electrical symbols, ohm's law calculations, and types of electrical meters.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(3,3,4)	<i>I, II</i>

<b>ELTE 12004 Residential Wiring</b>	This course is designed to study electrical safety and wiring methods which includes basic techniques and skills utilized in residential applications. This is accomplished through a hands-on approach in a working lab environment using basic tools of the trade.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	/
<b>ELTE 13003 National Electric Code</b>	This course is a study of the license requirements and electrical codes as they apply to all phases of electrical construction. The course provides the knowledge to find information contained with the contents of the National Electrical Code book. This course emphasizes on extracting information from the NEC code book rather than memorization of material.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(3,0,3)	/

<b>ELTE 14003 Industrial Motors &amp; Controls</b>	The study of electric motor theory and the principles of basic control systems as applied to the industrial trades. This course is designed to cover installation and maintenance of motors, overcurrent protection, interpretation of wiring diagrams, types of automatic control devices, and troubleshooting of control circuitry.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	2,3,3	/
<b>ELTE 16003 Commercial and Industrial Wiring</b>	A continued study of commercial and industrial wiring and the study of schematics as applied to the electrical trade which is accomplished through a hands-on approach in a working lab environment using basic tools of the trade.	Prerequisites: "C" or above in Residential Wiring or currently enrolled.			1,6,3	//
<b>EMSC 10031 Introduction to Dysrhythmia</b>	An introduction to the dysrhythmias found in cardiology and their treatments. This course is fast paced, and it is recommended that students have some background in cardiac dysfunction. The design of this course is to meet the needs of individuals attempting Advanced Cardiac Life Support for the first time and to meet the needs of individuals wanting to pursue or update skills in <u>electrocardiography</u> .				(1,0,1)	<i>Not currently offered but accepted as credit</i>
<b>EMSC 10043 Introduction to EMS</b>	This course is designed to assist the student in acquiring skills and knowledge needed to be prepared for the EMT Program. This program provides the basic lifesaving knowledge and training required to start a career in EMS. The student will learn how to think and act in an emergency situation and how to cope with the rigors and stress presented by these situations.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,1,3)	<i>I-Hope Campus II-TK Campus</i>



<b>EMSC 10054 Emergency Medical Technician</b>	This course is designed to assist the student in acquiring skills and knowledge needed to challenge the Arkansas State certification and the National Registry of Emergency Medical Technician examination and become a National Registry Emergency Medical Technician. This program provides the basic lifesaving knowledge and training required to start a career as an EMT-B. The student will learn how to think and act in an emergency situation and how to cope with the rigors and stress presented by these situations.	Prerequisite/Corequisite: Has completed or is enrolled in Introduction to EMS.			(3,3,4)	<i>I-Hope Campus II-TK Campus</i>
<b>EMSC 10061 Paramedic Remediation</b>	This course is designed to allow the students that have fulfilled the didactic and lab requirements but were unable to successfully challenge the exit exams to complete the course. The intent is to aid the student in preparing for the National Registry Exam. This course will use an online test for review and standardized exams will be administered that will allow the student to recognize areas of strength and/or weakness. This course also allows for students to complete any clinical/internship time or skills that they were not able to complete in the regularly scheduled program with the protection of malpractice insurance.	See program requirements			(1,0,1)	<i>Maymester</i>
<b>EMSC 12032 Clinical Rotation I</b>	This course is a supervised rotation through the clinical settings. Rotations will include surgery/recovery, lab/IV, respiratory, and emergency room. This rotation provides students with the opportunity to use advanced level skills in the clinical setting. 140 contact hours.	See program requirements			(0,2,2)	<i>Maymester</i>
<b>EMSC 12043 EMS Environment</b>	This course reviews the Emergency Medical System with emphasis placed on professionalism, responsibility, community involvement and ethical/legal aspects. An overview of body systems will be introduced along with physical assessment. 55 contact hours.	Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(3,1,3)	<i>///</i>

<b>EMSC 12055 Medical Emergencies I</b>	This course covers the care of patients with both respiratory and cardiac conditions. It includes normal anatomy and physiology, pathophysiology, assessment, and management of cardiopulmonary conditions. Specialized interventions such as advanced airway and rhythm interpretation with treatment are emphasized. 89 contact hours.	See program requirements			(4,2,5)	<i>Maymester</i>
<b>EMSC 12061 Advanced Cardiac Life Support</b>	This course is a program of medical intervention used to treat victims of respiratory and or cardiac emergencies and strokes, including invasive techniques such as tracheal intubation and drug administration. Prerequisite: current Healthcare Provider CPR card and license as an EMT, CRTT, RRT, LPN or RN. 30 contact hours.	See program requirements			(1,1,1)	<i>/</i>
<b>EMSC 12133 Medical Emergencies II</b>	This course covers the care of patients with medical emergencies. It will include diabetic emergencies, anaphylactic reactions, exposure to environmental extremes, alcoholism, poisoning, acute abdomen, genitourinary problems, infectious disease, obstetric/gynecological emergencies, behavioral emergencies, and medical emergencies of the geriatric patient. 53 contact hours.	See program requirements			(3,0,3)	<i>///</i>
<b>EMSC 12144 Special Considerations</b>	This course covers the care of clients with specialized needs including recognition, management, anatomy and physiology, and pathophysiology of pediatric patients. It will also cover disaster situations, triage, stress management, hazmat, and emergency rescue extrication. 67 contact hours.	See program requirements			(4,0,4)	<i>/</i>
<b>EMSC 12155 Anatomy and Pathophysiology</b>	This course provides an overview of Anatomy and Physiology with emphasis placed in the Pathophysiology of specific systems where emergency medicine is focused.	Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(5,0,5)	<i>///</i>

<b>EMSC 12166 Traumatic Emergencies</b>	This course covers the assessment, management and treatment of traumatic injuries including soft tissue, central nervous system, and musculoskeletal structures. Other injuries involving human systems are also covered. 105 contact hours.	See program requirements			(5,1,6)	///
<b>EMSC 12231 Field Internship I</b>	This course introduces the student to the internship section of the EMS system. During this phase the student will function as a team member and be evaluated as such. 50 contact hours.	Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(0,1,1)	///
<b>EMSC 12242 Paramedic Comprehensive Review</b>	This course is designed to assist the student in preparing for the National Registry exam. Through instructor led reviews and case studies that revisit key medical and trauma situations the Paramedic may be faced with in the prehospital setting. A standardized exam will be administered that will allow the student to identify areas of strength and/or weakness.	See program requirements			(2,1,2)	/
<b>EMSC 12253 Clinical Rotation II</b>	This course is a supervised rotation through the clinical settings. As a continuation of Clinical Rotation I, the student will rotate through areas including emergency department, surgery, ICU, OB, Pediatrics, and behavior/psychiatric areas. 160 contact hours.	See program requirements			(0,3,3)	/
<b>EMSC 12264 Field Internship II</b>	This course is a continuation of Field Internship I. This course will allow the student to utilize advanced life support interventions. 250 contact hours.	See program requirements			(0,4,4)	/
<b>EMSC 12303 Pharmacology</b>	This course covers clinical pharmacology, classification and indications of 163 medications. Precautions, dosages, methods of administration, dosage calculation, and metric conversions are also included.	Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(3,1,3)	///

<b>ENGL 00200 CCAP READING</b>	The College and Career Access Program provides reading remediation through the UAHT Adult Education center and is designed for new college students who score ACT 14 Reading or less or its equivalency and whose program of study requires literacy/writing skills. Students can co-enroll in other course work as long as there is no duplication in the subject taught and the courses follow the pre-requisite requirements. CCAP Reading is graded as a Pass, Unsatisfactory or Incomplete. There is no college credit given and no charge to the students account for the course. The number of hours spent in the program is individualized.		ACT 14 (Reading) or less; or equivalent placement score	For students scoring into CCAP Reading a high school GPA 2.75 graduating within the last 5 years can be used to move a student into Foundations of Composition .  OR high school GPA 3.25 graduating within the last 5 years = Composition I with Corequisite OR English 12 (or higher) with a "B" (or higher) = Composition		<i>I, II, III</i>
<b>ENGL 00781 English Composition I Co-Requisite</b>	This course is a workshop that functions in alignment with and supports the paired Composition I course. English Comp I Coreq emphasizes appropriate grammar, punctuation, usage, and mechanics; fundamentals of sentence, paragraph, and essay structure; and reading, study, and composition strategies. This course does not count toward an associate degree.	Prerequisite: If applicable, "C" or above in Foundations of Composition Co-requisite: Composition I	ACT 16-18 (English) <u>AND</u> ACT 16-18 (Reading); or equivalent placement score.	High school GPA 3.25 graduating within last 5 years or English 12 (or higher) with a "B" (or higher)	(0,3,1)	<i>I, II, III</i>

<b>ENGL 00983 Foundations of Composition</b>	An integrated reading and writing course that helps students increase vocabulary and comprehension skills and helps them develop writing skills through the 5-paragraph essay format. Grammar is addressed within the context of writing. Students must earn a grade of 70% or better to demonstrate successful completion of the course. Successful completion of the course satisfies the requirement for reading remediation. Students who complete the course are eligible to enroll in Composition I English Comp. I Co-req. Students can take an ACCUPLACER writing post-test; those who earn a qualifying score may be exempt from English Comp. I Co-req. This course does not count toward an associate degree.	Prerequisite: If applicable, CCAP Reading	ACT 0-15 (English) or equivalent placement score. <b>AND</b> ACT 15 (Reading) or equivalent placement score.	High school GPA 2.75 graduating within last 5 years.	(3,1,3)	<i>I,II,III</i>
<b>ENGL 10103 Composition I</b>	Practice in writing clear and effective prose based on accepted conventions of grammar, usage, diction, and logic, and a study of the techniques of using the library in preparation of documented papers. Emphasis on the interrelationship between reading and writing skills and practice in writing standard essay patterns. A student who successfully completes Foundations of Comp.must co-enroll in English Comp. I Co-req unless they earn a qualifying placement score.	Corequisite: If applicable, English Composition I Corequisite	ACT 19 (English and Reading); OR equivalent placement score.		(3,0,3)	<i>I,II,III</i>
<b>ENGL 10203 Composition II</b>	A continuation of Composition I with greater maturity in writing and skill in reading expected; reading of literature to include study of basic literary terms and techniques; reading of non-fiction such as editorials and critical essays; writing of critical papers; writing of a major research paper.	Prerequisite: "C" or above in Composition I.			(3,0,3)	<i>I,II,III</i>
<b>ENGL 20103 Creative Writing</b>	Creative Writing is a combination lecture/workshop course designed to teach the basics of creating poetry, short fiction, drama, and creative nonfiction.	Prerequisite: "C" or above in Composition II.			(3,0,3)	<i>Not currently offered</i>

<b>ENGL 20203 Technical Writing</b>	This course is designed to help students learn the foundations and conventions of technical writing in its various forms and contexts. Research and writing will be the main part of the curriculum with a focus on how to produce written communication that informs, persuades and records information. Study will include professional writing which demonstrates clarity of style and an understanding of the purposes for which these reports, letters, articles and other forms are used in settings such as American law, medicine and business.	Prerequisite: "C" or above in Composition I.			(3,0,3)	V
<b>ENGL 21103 World Literature I</b>	World Literature I is a survey course of literary classics in the global tradition. The course offers selections from masterpieces beginning with The Epic of Gilgamesh and Greek and Roman writers followed by selections from the Middle Ages. The course continues with poetry and drama from the Renaissance.	Prerequisite: "C" or above in Composition II.			(3,0,3)	I,II,III
<b>ENGL 21203 World Literature II</b>	World Literature II is a survey course of literary classics in the global tradition. The course offers selections from masterpieces beginning with Neoclassicism and continuing to the Modern Period.	Prerequisite: "C" or above in Composition II.			(3,0,3)	I,II,III
<b>ENGL 26503 American Literature I</b>	A survey covering significant writers and works from the colonial period through the Civil War, including such authors as Edwards, Franklin, Emerson, Thoreau, Hawthorne, Melville, Poe, Whitman, and Dickinson.	Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(3,0,3)	V; <i>Not currently offered</i>
<b>ENGL 26603 American Literature II</b>	A survey covering significant writers and works from the Civil War to the present. Attention will be focused on major authors including Clemens, James, Chopin, Frost, Faulkner, Hemingway, and O'Connor. Works by lesser known writers will also be read and discussed.	Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(3,0,3)	V; <i>Not currently offered</i>
<b>ENGL 26703 British Literature I</b>	A survey covering selected works of British literature from its beginnings through the Renaissance.	Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(3,0,3)	V; <i>Not currently offered</i>

<b>ENGL 26803 British Literature II</b>	A survey covering selected works of British literature from post-Renaissance to the present.	Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(3,0,3)	V; <i>Not currently offered</i>
<b>FILM 20203 Introduction to Film</b>	This course will introduce students to the filmmaking art. Students will analyze films' meanings and messages by analysis of symbolic representation using critical thinking. Students will put the films into context with the cultural, societal, and political influences of the day and evaluate how the films attempted to shape these factors in society. The students will also study the historical context of the films and their aesthetic qualities.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	V; <i>Not currently offered but accepted as credit.</i>
<b>FSED 10001 Funeral Service Orientation and Ethics</b>	This is a study of funeral service ethics with the basic premise that ethics is a major part of funeral service practice in that the funeral professional is entrusted with serving the bereaved survivors and the proper treatment and disposition of remains. The task of this course is to help the student of funeral service to develop a strong professional set of ethics. This course strives to develop within the funeral service student a sense of morality, which will guide his/her decisions and actions in proper treatment of the deceased and professional service to the bereaved.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines.			(1,0,1)	<i>Online -III</i>
<b>FSED 10002 History of Funeral Service</b>	This course is a survey of the history of funeral service emphasis on the individuals, events, and forces that have influenced contemporary funeral principles and practices as well as the progression of associations and education within funeral service.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines.			(2,0,2)	<i>Online -III</i>

<b>FSED 10003 Funeral Service Chemistry</b>	Funeral Service Chemistry is a course designed specifically to meet the requirements for students in the funeral service program. This is a survey of the basic principles of chemistry as they relate to funeral service. Emphasis is on the chemical principles and precautions involved in the preservation and disinfection of the dead human body.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses.			(3,0,3)	<i>Online - I,II</i>
<b>FSED 10103 Funeral Service Anatomy</b>	This course involves the study of the human body with particular emphasis on those systems providing the foundation for embalming, pathology, public health and restorative art. Funeral Service Anatomy is designed to meet the requirements of the funeral service program. This is a one-semester; non-lab course that does not meet the science requirements for any degree other than funeral service.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses.			(3, 0, 3)	<i>Online- I, II</i>
<b>FSED 10104 Restorative Art</b>	This course is a survey of the basic principles of restorative art as they relate to funeral service. Especially stressed are the techniques of restoring and recreating an acceptable physical appearance of the deceased for the benefit of surviving family members. This course includes hands-on labs.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines and "C" or above in Funeral Service Orientation and Ethics, History of Funeral Service, Funeral Directing, Embalming I, Clinical I, Funeral Service Merchandising and Management, Business and Funeral Law, and Funeral Psychology/Sociology			(3,1,4)	<i>Online-II</i>



<b>FSED 10303 Funeral Directing</b>	This course focuses on the basic duties, responsibilities and expectations of those practicing funeral service. This includes notification of death, transfer of remains, conduct of the arrangement conference, pre funded/pre planned funerals, religious practices, fraternal funerals and military honors, shipment of remains, cremation, aftercare and regulatory and legislative compliance.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines and "C" or above in Funeral Service Orientation and Ethics and History of Funeral Service			(3,0,3)	<i>Online - I</i>
<b>FSED 11003 Embalming I</b>	This course is a study of the process of chemically treating the dead human body to reduce the presence and growth of microorganism to temporarily inhibit organic decomposition, and to restore an acceptable physical appearance. The subject includes the study of death in of the human body, government regulations applicable to the embalming process, embalming analysis and reports, and instrumentation.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines and "C" or above in Funeral Service Orientation and Ethics and History of Funeral Service			(3,0,3)	<i>Online - I</i>

<b>FSED 11801 Clinical I</b>	This course will provide clinical experiences in Funeral Directing and Embalming by a UAHT supervised preceptor at UAHT and off-campus clinical sites.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines and "C" or above in Funeral Service Orientation and Ethics, History of Funeral Service, Funeral Directing, Embalming I, Clinical I, Funeral Service Merchandising and Management, Business and Funeral Law, and Funeral Psychology/Sociology			(0,2,1)	<i>Online - I</i>
<b>FSED 11901 Clinical II</b>	This course will provide clinical experiences in Funeral Directing and Embalming by a UAHT supervised preceptor at UAHT and off-campus clinical sites.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines and "C" or above in Funeral Service Orientation and Ethics, History of Funeral Service, Funeral Directing, Embalming I, Clinical I, Funeral Service Merchandising and Management, Business and Funeral Law, and Funeral Psychology/Sociology			(0,2,1)	//

<b>FSED 12003 Embalming II</b>	This course examines procedures and treatments for handling and embalming difficulties encountered due to disease and pathological changes, autopsied and procurement cases, organ and tissue donation cases, and various conditions encountered in the dead human body.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines and "C" or above in Funeral Service Orientation and Ethics, History of Funeral Service, Funeral Directing, Embalming I, Clinical I, Funeral Service Merchandising and Management, Business and Funeral Law, and Funeral Psychology/Sociology			(3,0,3)	<i>Online- II</i>
<b>FSED 13103 Funeral Service Merchandising and Management</b>	This is a course that introduces the funeral service student to the basics of merchandising as they apply to the funeral professions. This course considers both service and merchandise as the products provided by funeral service practitioners. This course covers construction and features of caskets, outer burial containers, and other funeral and cemetery related products. The course also examines methods of purchasing, pricing, display and sale of funeral and cemetery merchandise as well as funeral and cemetery services. Included is a survey of the basic principles of funeral service management. General Management theory is applied to funeral service practice with a focus on concepts, functions and areas of management. In addition, trends in funeral service and disaster preparedness are explored.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines and "C" or above in Funeral Service Orientation and Ethics and History of Funeral Service.			(3,0,3)	<i>Online - I</i>

<b>FSED 21003 Funeral Psychology/ Sociology</b>	This course is a survey of the basic principles of psychology and counseling as they relate to funeral service. Especially stressed are the psychological concepts in the area of grief, bereavement, mourning, aftercare and crisis intervention with particular emphasis on the roles of the funeral director. This course also surveys the basic principles of sociology as they relate to funeral service. Especially stressed are family structures, social structures and the factor of change as related to funeral practices.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines and "C" or above in Funeral Service Orientation and Ethics and History of Funeral Service.			(3,0,3)	<i>Online I</i>
<b>FSED 22003 Comprehensive Review</b>	This course is a general review of the entire curriculum for graduating sophomores, culminating with a comprehensive exam designed to prepare students for the National Board and various state board examinations. Taken in student's final semester.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines and "C" or above in Funeral Service Orientation and Ethics, History of Funeral Service, Funeral Directing, Embalming I, Clinical I, Funeral Service Merchandising and Management, Business and Funeral Law, and Funeral Psychology/Sociology			(3,0,3)	<i>Online II</i>

<b>FSED 22103 Microbiology/ Pathology</b>	This course is a survey of the basic principles of microbiology and pathology. It relates these principles to funeral service education especially as they pertain to sanitation, disinfection, public health and embalming practice. The development and use of personal, professional and community hygiene and sanitation are discussed. The study of disease processes and their impact on the human body, with emphasis on those conditions which relate to or affect the handling of human remains is included.	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines and "C" or above in Funeral Service Orientation and Ethics, History of Funeral Service, Funeral Directing, Embalming I, Clinical I, Funeral Service Merchandising and Management, Business and Funeral Law, and Funeral Psychology/Sociology			(3,0,3)	<i>Online II</i>
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<b>FSED 22203 Business and Funeral Law</b>	This course is a survey of the basic principles of business law as they relate to funeral service. Especially stressed are the bodies of law and the judicial system found in the United States of America including contracts, sales, bailments, negotiable instruments, agency, employment, and business organization. It is designed to introduce the study to rights, duties and responsibilities of the funeral service practitioner and funeral establishment; including but not limited to: state and federal laws and regulations and administrative agency law pertaining to funeral service including preneed; torts involving the dead human body and the funeral service practitioner; wills, estates and probate and related matters; cemeteries, crematories and issues related to final disposition; sources of law; the legal status of the dead human body; the duty of burial, right to control funeral arrangements and final disposition and liability for funeral expenses; and the legal aspects of being licensed to practice in funeral service (funeral director, embalmer, etc.)	This course is a part of the Core Funeral Services Program. All prerequisites must be completed before starting the Core Funeral Service Courses. Prerequisite: see program admission guidelines and "C" or above in Funeral Service Orientation and Ethics and History of Funeral Service.			(3,0,3)	<i>Online I</i>
<b>GEOG 11003 Introduction to Geography</b>	A description of the present pattern of mankind in relation to certain physical and cultural elements of the total environment.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>I, II</i>
<b>GEOL 11104 Physical Geology</b>	Physical Geology is the study of the internal and external processes that are active in and on the earth. Topics include, but are not limited to, magnetism, minerals, rocks, landforms, plate tectonics, and geological processes. Lab is required.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,3,4)	<i>V; Not currently offered, but accepted for transfer credit</i>
<b>HEAL 10003 Personal and Community Health</b>	A consideration of the various conditions and factors affecting individual and community health. Designed to assist students in formulating their philosophies, attitudes, and understanding of behaviors necessary to establish healthful living practices.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent score	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	<i>I, II</i>

<b>HIST 10293 Arkansas History</b>	A history of Arkansas' social, political and economic development from the first Europeans to the present.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	I
<b>HIST 11103 World Civilizations I</b>	A survey of ancient and medieval history, with emphasis on Asian, African and European cultures.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	I,II,III
<b>HIST 11203 World Civilizations II</b>	A survey of global history, from the early modern period until the present day.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	I,II,III
<b>HIST 21103 U.S. History I</b>	A general survey of the history of the United States from the beginning of North American colonization through the Civil War and Reconstruction.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	I,II,III
<b>HIST 21203 U.S. History II</b>	A general survey of the history of the United States from the end of the American Reconstruction to the present.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	I,II,III
<b>HVAC 10042 Tubing and Piping</b>	A study of the process of identifying tubing and piping with practical applications in sizing and fitting to different configurations using mechanical fittings.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(1,2,2)	I

<b>HVAC 12044 Principles of Refrigeration</b>	A comprehensive study of mechanical refrigeration systems emphasizing proper service techniques through analysis of the problem. Testing procedures, parts removal, and installation are covered in depth.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	/
<b>HVAC 15043 Motors and Controls</b>	A study of the theory and operation of electric motors and their controls. Principles of sizing, trouble-shooting, and repairing will be covered.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,3,3)	//



<b>HVAC 16044 Schematics</b>	A study of the schematic wiring diagrams found in the air conditioning and refrigeration industry. Interpretation, reading, drawing, and troubleshooting techniques utilizing schematic wiring diagrams are included.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(3,3,4)	//
<b>HVAC 17003 Air Properties</b>	A study of air properties, and the instrumentation to meet the needs of a residential or commercial structure and the factors involved in the calculation of heating and cooling loads.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,3,3)	//

<b>HVAC 18044 Residential Systems</b>	A study of the major components and control devices and their applications. The student will troubleshoot and repair existing systems.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	/
<b>HVAC 19044 Air Conditioning Systems</b>	A study of A/C systems and the practical applications and installation of combustion heat, electrical heat, cooling system, and heat pumps. Included is the study of air properties and instrumentation to meet the needs of a residential structure and the factors involved in the calculations of heating and cooling loads.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	//
<b>ITEC 10001 Computer Fundamentals</b>	This course is designed to introduce students to computer hardware, software, procedures, systems, keyboarding, and applications applied to specific trades.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.			(0,3,1)	<i>Not currently offered</i>

<b>ITEC 11203 Computer Software Applications</b>	This course provides instruction in the use of word processing, spreadsheet, and database application software for microcomputers. Students will become more familiar with computer operations, operating systems and ways of solving everyday problems with software programs.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	<i>On demand</i>
<b>ITEC 12033 Ethics in Technology</b>	Introduces technicians to social, legal, and ethical issues in computing and technology. Students will be introduced to privacy issues, information issues of trust in computers, computer crime, issues on the impact and control of computers, and issues of professional responsibility and ethics.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	/
<b>ITEC 12103 Concepts of Coding</b>	Provides students with an understanding of practical Python programming and how those skills can be put to use in real-world scenarios.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	/
<b>ITEC 12203 Principles of Information Security</b>	Provides students the foundation for understanding key issues associated with protecting information assets, determining the levels of protection and response to security incidents, and designing a consistent, reasonable information security system.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	/
<b>ITEC 12303 Introduction to Graphic Design</b>	Students will learn foundational skills that are common in all areas of graphic design practice, such as image-making, typography, composition, working with color and shape, while using industry-leading graphic design software.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	//

<b>ITEC 13503 Electronic Spreadsheet</b>	This course is designed for students to develop proficiency-level skills and covers the theory and logic involved in all aspects of electronic spreadsheets. The course will teach students how to perform calculations, produce graphs and reports, analyze information in electronic spreadsheets and learn basic functions of cloud-based spreadsheet applications. (NEW 1/23). Must have access to full version of excel	Prerequisite: "C" or above in Introduction to Computers			(3,0,3)	//
<b>ITEC 15003 Web Design</b>	Provides students with experience in designing and implementing web pages, coverage of HTML, implements design using image editing software, and explains the connection between a detailed design plan that considers audience expectations, sound design principles and various technical considerations that create successful web sites.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	/
<b>ITEC 17003 Desktop Operating Systems</b>	Provides students with the knowledge and skills necessary to address the implementation and desktop support needs of customers who plan to deploy and support Microsoft Windows operating systems.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	/
<b>ITEC 18004 Computer Maintenance I</b>	Designed to prepare students for entry into the workforce as a computer technician. Students are provided intensive hands-on experience in the theory, operation, troubleshooting and remedial and preventative maintenance of microcomputers as used in the workplace today. This is the first in a series of courses designed to prepare students for diagnosing and repairing modern microcomputers as commonly used in the workplace. Emphasis will be placed on preparation for acquiring the A+ certification credential.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,3,4)	/

<b>ITEC 18104 Computer Maintenance II</b>	A continuation of Computer Maintenance I designed to prepare students for entry into the workforce as a computer technician. Students are provided intensive hands-on experience in the theory, operation, troubleshooting, and remedial and preventative maintenance of microcomputers as used in the workplace today. This is the first in a series of courses designed to prepare students for diagnosing and repairing modern microcomputers as comm used in the workplace. Emphasis will be placed on preparation for acquiring the A+ certification credential.	Prerequisite: "C" or above in Computer Maintenance I			(3,2,4)	//
<b>ITEC 20234 Parallel Operating Systems</b>	Presents students with an in-depth understanding of the functions and features of both Windows 10 and Linux operating systems. This course highlights how the two operating systems are utilized by programmers, database, and network administrators. Students will be introduced to concepts that will prepare them to manage real-world situations in an IT environment.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(4,0,4)	//
<b>ITEC 21033 Application Programming</b>	Provides students with an understanding of the design and implementation of high level programming languages and a survey of programming language paradigms.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	//
<b>ITEC 22003 Fundamentals of UNIX</b>	Designed to give students a fundamental understanding of the Linux operating system. It covers the essentials of installing, configuring, maintaining, administering, and troubleshooting the Linux Operating System. Some topics include Lanning, Installing and Running a Linux System, using Graphical Systems with Linux, The Shell and Text Files, the role of the System Administrator and basic administration tasks of managing system resources.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	

<b>ITEC 22403 Database Management</b>	This course covers the theory and logic involved in all aspects of database. Students learn the principles of database and its applications. This course is designed to teach students how to build a database, enter data, query for information, and produce reports. Students also learn the principles of database and its application and will learn to develop proficiency-level skills in database.	Prerequisite: "C" or above in Introduction to Computers			(3,0,3)	/
<b>ITEC 23033 Networking Essentials</b>	Provides the students with a fundamental understanding of networking computers. Some of the topics covered will include network design, networking media, network hardware, network communications, protocols, network administration and network troubleshooting. This course is designed to help students pass the Network+ certification exam offered by CompTIA.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.	High School GPA 3.0 graduating within last 5 years.	(3,0,3)	//
<b>ITEC 24004 Internship</b>	Provides students with the opportunity to learn by working and to gain valuable real-world experience. Internship assignments are created with businesses in either a virtual or an actual mode and require eight hours of work per week to fulfill the course requirements. Reporting and supervision requirements developed up beforehand with the student, the intern advisor, and the employer.	Dean Approval			(0,8,4)	V

<b>MATH 00100 CCAP MATH</b>	The College and Career Access Program provides math remediation through the UAHT Adult Education center and is designed for new college students who score ACT 14 Math or less or its equivalency and whose program of study requires math skills. Students can co-enroll in other coursework if there is no duplication in the subject taught and the courses follow the pre-requisite requirements. CCAP Math is graded as a Pass, Unsatisfactory or Incomplete. There is no college credit given and no charge to the student account for the course. The number of hours spent in the program is individualized.		ACT 14 (Math) or less; or equivalent placement score	For students scoring into CCAP Math a high school GPA 3.25 graduating within last 3 years AND Algebra II (or higher) with a "B" (or higher) can be used to move a student into College Algebra with Coreq or Quantitative Literacy with Coreq.		<i>I,II,III</i>
<b>MATH 00561 College Algebra Co-req</b>	This course is a workshop that functions in alignment with and in support of the paired College Algebra course. Does NOT count toward a degree.	Prerequisite: If applicable, "C" or above in Foundations of Math. Corequisite: College Algebra	ACT 17-18 (Math); or equivalent placement score.	High school GPA 3.25 graduating within last 3 years AND Algebra 2 (or higher) with a "B" (or higher) can enroll in MATH 0051 and MATH 1053.	(0,2,1)	<i>I,II</i>
<b>MATH 00761 Quantitative Literacy Co-req</b>	This course is a workshop that functions in alignment with and in support of the paired Quantitative Literacy course. Does NOT count toward a degree.	Prerequisite: If applicable, "P" in CCAP Math. Corequisite: Quantitative Literacy	ACT 15-18 (Math); or equivalent placement score.	High school GPA 3.25 graduating within last 3 years AND Algebra 2 (or higher) with a "B" (or higher) can enroll in MATH 0071 and MATH 1153.	(0,2,1)	<i>I,II</i>

<b>MATH 00861 AAS Math for Health Professions Co- req</b>	This course is a workshop that functions in alignment with and in support of the paired Math for Health Professions course. Does NOT count toward a degree.	Prerequisite: If applicable, "P" in CCAP Math. Corequisite: AAS Math Health Professions	ACT 15 (Math); or equivalent placement score.	None	(0,1,1)	I,II
<b>MATH 00963 Foundations of Math</b>	A developmental math course designed for students who are not sufficiently proficient in algebraic skills to take College Algebra. A study of rational numbers, order of operations, linear equations and inequalities, coordinate plane graphing, functions, systems of linear equations, exponent rules, polynomials, factoring, and simplifying radicals. Students must earn a minimum grade of "C" in order to enroll in a college level course with the accompanying co-requisite course. Does NOT count toward a degree.	Prerequisite: If applicable, "P" in CCAP Math.	ACT 15-16 (Math); or equivalent placement score.	None	(3,1,3)	I,II
<b>MATH 10363 Math for Nurses</b>	Math for Nurses is a didactic course offering instruction in dosage calculation using dimensional analysis to solve problems related to medication and patient calculations. This nursing course is designed to prepare nursing majors to be accurate and safe when calculating and preparing medication dosages. Topics include: interpretation of drug labels, syringe types, metric and apothecary conversions, roman numerals, reconstitution of medications, IV flow rate, interpretation of physician orders and transcribing to Medication Administration Records, dispensing, and proper documentation of medications as well as the Six Rights of Med Administration and military time.	Prerequisite: LPN/LVN license or successful completion of a LPN/LVN program			(3, 0, 3)	I,II



<b>MATH 10863 AAS Math Health Professions</b>	A study of mathematics with application in the health professions. Health professions applications include but are not limited to: measurement and conversion between household, metric and apothecary measurements, calculation and interpretation of percentages, graphical analysis including input/output and height/weight charting, and dosage calculations. This course is not intended for transfer. Foundations of Math is not a required prerequisite.	Prerequisite: If applicable, "P" in CCAP Math. Corequisite: If applicable, AAS Math Health Professions Corequisite	ACT 16 or higher (Math); or equivalent placement score.	None	(3,0,3)	<i>I,II</i>
<b>MATH 11003 College Algebra</b>	Study of functions including, but not limited to, absolute value, quadratic, polynomial, rational, logarithmic, and exponential; systems of equations; and matrices.	Prerequisite: If applicable, "C" or above in Foundations of Math Corequisite: If applicable, MATH College Algebra Corequisite	ACT 19 or higher (Math); or equivalent placement score. ACT 19 Reading recommended		(3,0,3)	<i>I,II,III</i>
<b>MATH 11103 Quantitative Literacy</b>	A mathematics course designed for general education core and for degrees not requiring College Algebra. A strong emphasis will be placed on critical thinking, mathematical modeling, and technology. Instruction will focus on process, conceptual understanding, communication and problem solving found in the following strands: (a) Personal, state, and national finance, (b) Statistics and Probability, and (c) Mathematical modeling.	Prerequisite: If applicable, "P" in CCAP Math. Corequisite: If applicable, Quantitative Literacy Corequisite	ACT 19 or higher (Math); or equivalent placement score. ACT 19 Reading recommended		(3,0,3)	<i>I,II,III</i>
<b>MATH 12003 Plane Trigonometry</b>	Study of trigonometric functions, identities, equations, and applications.	Prerequisite: "C" or above in College Algebra.			(3,0,3)	<i>V</i>
<b>MATH 13005 Pre-Calculus</b>	Provides the necessary background for students planning to take Calculus I or Compact Calculus. Topics include: problem solving; polynomial, rational, exponential, logarithmic, and trigonometric functions; parametric equations; and as time permits, linear systems.	Prerequisite: "C" or above in College Algebra.			(5,0,5)	<i>V; Not currently offered, but accepted for transfer credit</i>

<b>MATH 20163 Math for Teachers I</b>	This course is for prospective K-6 education majors. Topics include a study of sets, numerations systems, the structure of arithmetic, number theory, and, beginning concepts of rational numbers, all with an emphasis on problem solving.	Prerequisite/corequisite: "C" or above in College Algebra or Quantitative Literacy or currently enrolled.			(3,0,3)	I
<b>MATH 20263 Math for Teachers II</b>	This course is a continuation of Math for Teachers. Topics include a study of probability, geometry, measurement, and data analysis, all learned within a problem solving framework.	Prerequisite: "C" or above in Math for Teachers I AND "C" or above in College Algebra or Quantitative Literacy.			(3,0,3)	II
<b>MATH 21003 Elementary Statistics</b>	An introductory course in statistical methods. Collection and display of data, mean, standard deviation and variance, probability including the normal, binomial, and chi-square distributions. Also sampling and sampling distributions, confidence intervals, hypothesis testing including non-parametric tests, regression, and analysis of variance.	Prerequisite: "C" or above in College Algebra.			(3,0,3)	I,II,III
<b>MATH 21103 Discrete Mathmatics</b>	Emphasizes applications of mathematics in computer science and other areas of modern technology. The topics include mathematical reasoning, set theory, proofs by induction, number systems, relations, directed graphs, trees, and related topics of study	Prerequisite: "C" or above in College Algebra			(3,0,3)	V
<b>MATH 24005 Calculus I</b>	The first of a course sequence covering calculus. Topics in the calculus sequence will include analytical geometry, functions, limits, derivatives, definite and indefinite integrals, parametric equations, polar coordinate, transcendental functions, partial derivatives, multiple integrals, sequences and series, the generalized mean value theorem, and improper integrals.	Prerequisite: "C" or above in Plane Trigonometry.			(5,0,5)	V; Not currently offered, but accepted for transfer credit

<b>MATH 25005 Calculus II</b>	The second course sequence covering calculus. The topics in the calculus sequence will include analytical geometry, functions, limits, derivatives, definite and indefinite integrals, parametric equations, polar coordinate, transcendental functions, partial derivatives, multiple integrals, sequences and series, the generalized mean value theorem, and improper integrals.	Prerequisite: "C" or above in Calculus I.			(5,0,5)	<i>V; Not currently offered, but accepted for transfer credit</i>
<b>MSTE 10053 Introduction to Machining Processes</b>	This course allows the student to develop the basic knowledge and skill in the care and operation of basic metalworking machine tools, precision measuring instruments and shop safety.				(2,3,3)	/
<b>MSTE 10055 Machine Shop Basics I</b>	This course allows students to develop the basic knowledge and skill in the care and operation of basic metalworking machine tools, precision measuring instruments, and shop safety. Students will learn how to layout and fabricate parts from blueprints provided by the instructor. Students will demonstrate safe operations of the milling machine by learning the proper feeds and speeds of edge finders, drills, endmills and face cutting tools.	Prerequisite/Corequisite: "C" or above in Blueprint Reading or currently enrolled.			(3,6,5)	/
<b>MSTE 11054 Hydraulics/Pneumatics</b>	A study of physical laws, design, selection, and trouble-shooting of hydraulic and pneumatic equipment.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	3,3,4)	//

<b>MSTE 12155 Basic Lathe Operations</b>	This course allows the student to develop the basic knowledge and skill in the use and operation of a metalworking lathe. Tapers, knurling, threading, and form turning operations are taught as well as accuracy and speed.	Prerequisite/Corequisite: "C" or above in Machine Shop Basic I and Blueprint Reading or currently enrolled.			(3,8,5)	V; Not currently offered, but accepted for credit
<b>MSTE 13054 Basic Programmable Controllers</b>	A study of programmable controllers (PLC's) and their functions; the PC is a microprocessor-based, programmable device that replaces on/off control devices such as relays and switches in discrete control systems.	Prerequisite: "C" or above in Basic Electricity and Industrial Motors and Controls.			(3,3,4)	//
<b>MSTE 13155 Basic Knee Mill Operations</b>	This course allows the student to develop the basic knowledge and skill in the use and operation of the milling machine and the indexing, turntable, and broaching head attachments. It also covers straight, form, tapering and boring attachments.				(2,9,5)	V; Not currently offered, but accepted for credit
<b>MSTE 14053 Introduction to CNC Processes</b>	This course allows the student to develop an understanding of Computer Numerical Control (CNC); what it is, how it came about, and how it is used in industry today. Students will be introduced to Computer Aided Drafting (CAD) and the production of codes used to control 3D printers and CNC Lathes and Mills (CAM).	Prerequisite/Corequisite: "C" or above in Machine Shop Basic I and Blueprint Reading or currently enrolled.			(2,3,3)	V; Not currently offered, but accepted for credit
<b>MSTE 14054 Mechanical Devices &amp; Systems</b>	This course is designed to familiarize students with the components and methods involved in industrial maintenance practices. Subjects covered will include bearings, lubrication, alignment, belt and chain drives, and troubleshooting gearboxes.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(3,3,4)	//

<b>MSTE 24155 Instrumentation and Controls</b>	This course is designed to advance the student's knowledge and skills in installing, maintaining, troubleshooting, repairing, and replacing the instruments and data systems encountered in a modern industrial power plant.	Prerequisite/Corequisite: "C" or above in Residential Wiring and Industrial Motors and Control or currently enrolled.			(5,0,5)	<i>V; Not currently offered, but accepted for credit</i>
<b>MUAC 11101 Choir</b>	A student and community based choir for any interested singer. Rehearsal time will be determined when course is offered.				(0,1,1)	<i>Varies</i>
<b>MUAP 12131 VOICE I</b>	Applied Music courses (private instruction) receive elective credit only on the A.A. degree programs. A non-refundable applied music fee is charged in addition to the normal registration fees.				(0,1,1)	<i>I,II</i>
<b>MUAP 12231 VOICE II</b>	Applied Music courses (private instruction) receive elective credit only on the A.A. degree programs. A non-refundable applied music fee is charged in addition to the normal registration fees.				(0,1,1)	<i>I,II</i>
<b>MUAP 12331 PIANO I</b>	Applied Music courses are private instruction that receive elective credit on the A.A. degree programs. All Applied Music courses are one 60-minute lesson per week during fall and spring semesters; summer lesson times depend on instructor availability. Successive courses in any discipline are sequential, but each emphasizes fundamental technique, music literature, musical style, and interpretation. A non-refundable applied music fee is charged in addition to the normal registration fees.				(0,1,1)	<i>I,II</i>
<b>MUAP 12431 PIANO II</b>	Applied Music courses are private instruction that receive elective credit on the A.A. degree programs. All Applied Music courses are one 60-minute lesson per week during fall and spring semesters; summer lesson times depend on instructor availability. Successive courses in any discipline are sequential, but each emphasizes fundamental technique, music literature, musical style, and interpretation. A non-refundable applied music fee is charged in addition to the normal registration fees.				(0,1,1)	<i>I,II</i>

<b>MUAP 12551 GUITAR</b>	Applied Music courses are private instruction that receive elective credit on the A.A. degree programs. All Applied Music courses are one 60-minute lesson per week during fall and spring semesters; summer lesson times depend on instructor availability. Successive courses in any discipline are sequential, but each emphasizes fundamental technique, music literature, musical style, and interpretation. A non-refundable applied music fee is charged in addition to the normal registration fees.				(0,1,1)	<i>I,II</i>
<b>MUAP 12631 GUITAR II</b>	Applied Music courses are private instruction that receive elective credit on the A.A. degree programs. All Applied Music courses are one 60-minute lesson per week during fall and spring semesters; summer lesson times depend on instructor availability. Successive courses in any discipline are sequential, but each emphasizes fundamental technique, music literature, musical style, and interpretation. A non-refundable applied music fee is charged in addition to the normal registration fees.				(0,1,1)	<i>I,II</i>
<b>MUSC 10003 Music Appreciation</b>	Music Appreciation is a survey course designed to encourage a higher degree of understanding and enjoyment of classical music. Students will experience music through a variety of activities including listening, discussion, analysis, and live performance. This course follows the historical development of music with emphasis on 17th, 18th, and 19th century styles and composers.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>I,II,III</i>

<b>NURS 21146 Nursing Process II</b>	Application of additional knowledge focusing on the childbearing family, newborn, women's health, and pediatric patients. It incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse.	This course is a part of the Core LPN to RN Transition Nursing Program. All prerequisites must be completed and admission to the program will be required prior to starting the Core LPN to RN Transition Program. Prerequisite: Nursing Practicum and Nursing Process I Corequisite: Nursing Practicum II			(6, 0, 6)	///
<b>NURS 21159 Nursing Process I</b>	Transitions the foundational knowledge of the LPN/LVN with a focus on the RN scope of practice. Incorporates evidence-based practice, medical/surgical, mental health, quality improvement, and professional standards. Prerequisite: Acceptance into the ARNEC RN Program.	This course is a part of the Core LPN to RN Transition Nursing Program. All prerequisites must be completed and admission to the program will be required prior to starting the Core LPN to RN Transition Program. Corequisite: Nursing Practicum I			(9, 0, 9)	//
<b>NURS 21243 Nursing Practicum I</b>	Applies medical/surgical and mental health nursing theory, critical thinking/clinical reasoning necessary for safe, patient-centered care. Incorporates evidence-based practice, quality improvement, and professional standards in a variety of healthcare settings. Prerequisite: Acceptance into the ARNEC RN Program	This course is a part of the Core LPN to RN Transition Nursing Program. All prerequisites must be completed and admission to the program will be required prior to starting the Core LPN to RN Transition Program. Corequisite: Nursing Process I			(0, 9, 3)	//

<b>NURS 22243 Nursing Practicum II</b>	Applies concepts learned in Nursing Process II to provide safe, quality, 176 patient-centered care to a diverse patient population focusing on wellness and acute conditions affecting the childbearing family, newborn, women's health, and pediatric patients.	This course is a part of the Core LPN to RN Transition Nursing Program. All prerequisites must be completed and admission to the program will be required prior to starting the Core LPN to RN Transition Program. Prerequisite: Nursing Practicum and Nursing Process I Corequisite: Nursing Process I			(0, 9, 3)	///
<b>NURS 23141 NCLEX-RN Preparation</b>	This online course provides a comprehensive review taught in the program in preparation for taking the NCLEX-RN.	This course is a part of the Core LPN to RN Transition Nursing Program. All prerequisites must be completed and admission to the program will be required prior to starting the Core LPN to RN Transition Program. Corequisite: Nursing Process III and Nursing Practicum III			(1, 0, 1)	/



<b>NURS 23158 Nursing Process III</b>	This course builds upon the previous instruction and incorporates higher level nursing care, critical thinking, and clinical decision making. Management and leadership are strongly incorporated throughout this course. The student will learn to function in higher level situations by utilizing the nursing process as a framework for caring for clients with complex healthcare needs related to all body systems. The student will learn basic care methodology for clients in emergency (including bioterrorism preparedness), critical care, surgical care, and acute care and long-term care settings. Advanced pharmacological concepts are also integrated into this course. Concepts of holism, human needs, growth and development, communications, safety, and wellness-illness across the life span are incorporated.	This course is a part of the Core LPN to RN Transition Nursing Program. All prerequisites must be completed and admission to the program will be required prior to starting the Core LPN to RN Transition Program. Prerequisite:Nursing Process II and Nursing Practicum II Corequisite: NCLEX-RN Preparation and Nursing Practicum III			(8, 0, 8)	/
<b>NURS 23243 Nursing Practicum III</b>	This course applies concepts learned in Nursing Process III to provide safe, quality, patient-centered care to a diverse patient population focusing on further medical/surgical conditions of the high acuity patient and family. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse into the care of patients in a variety of healthcare settings.	This course is a part of the Core LPN to RN Transition Nursing Program. All prerequisites must be completed and admission to the program will be required prior to starting the Core LPN to RN Transition Program. Prerequisite: Nursing Process II and Nursing Practicum II Corequisite:Nursing Process III and NCLEX-RN Preparation			(0, 9, 3)	/
<b>NUTR 22043 Nutrition</b>	A study of the fundamental principles of human nutrition and diet that emphasizes normal nutrition as a basis for making diet adaptations in the treatment of disease.	Prerequisite: "C" or above in Composition I OR has minimum placement scores.	ACT 19 (English and Reading); OR equivalent placement score; or "C" or above in Comp I and/or Coreq.		(3,0,3)	I,II,III

<b>PHED 10331 Physical Fitness I</b>	Physical fitness I is a strength training and cardiovascular training class. It is designed for students to gain knowledge of rep-out, pyramid, and circuit training programs.				(0,2,1)	<i>Varies</i>
<b>PHED 10431 Physical Fitness II</b>	Physical fitness II is a strength training class. It is designed to teach students the different exercises that target each muscle group. They will be required to learn exercises and the muscle groups.				(0,2,1)	<i>Varies</i>
<b>PHED 10631 Cardio Walking</b>	This course is designed for the beginning or intermediate walker. It will deal with improving fitness by increasing general physical strength, agility, muscular performance, endurance, and cardiovascular fitness. The bulk of the course will consist of active participation and class lectures.				(0,2,1)	<i>Varies</i>
<b>PHED 10731 Yoga I</b>	Instruction and practice in yoga which contributes to present and future recreational and fitness needs of the student.				(0,2,1)	<i>Varies</i>
<b>PHED 10831 CrossFit I</b>	CrossFit I is a basic CrossFit course that defines CrossFit, provides the correct CrossFit moves and gives students basic nutrition information. Students will be required to participate in Benchmark tests throughout the semester.				(0,2,1)	<i>Varies</i>
<b>PHED 11731 Yoga II</b>	Yoga II is designed to further develop students' knowledge of yoga terms, practices and breathing techniques to improve their level of fitness. It will further the development of each students' flexibility, endurance, and overall wellness, with specific emphasis on knowledge of/ability to demonstrate to others proper technique and form.				(0,2,1)	<i>Varies</i>

<b>PHIL 11003 Introduction to Philosophy</b>	This is a survey course of some of the major thinkers in philosophy beginning with the Asian sages and the Pre-Socratics followed by Socrates, Plato, and Aristotle. Selections from the Middle Ages include Thomas Aquinas. The course concludes with Descartes, Hume, Mills and Marx. The course will incorporate moral philosophy and modern ethics throughout with major attention to human values, the nature of reality and knowledge, and critical thinking.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>I,II,III</i>
<b>PHSC 10004 Physical Science</b>	General survey course of the physical sciences designed for general education. Course includes topics in physics and chemistry and may also include other physical science topics. Lab required. <i>A "C" or above in Foundations of Math or Math ACT 17 or above or equivalent placement score is strongly recommended.</i>	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,2,4)	<i>V; Not currently offered, but accepted for transfer credit</i>
<b>PHSC 10031 Physical Science Lab</b>	A laboratory course to accompany Physical Science Lecture as a general survey course of the physical sciences designed for general education. Course includes topics in physics and chemistry and may also include other physical science topics. <i>A "C" or above in Foundations of Math or Math ACT 17 or above or equivalent placement score is strongly recommended.</i>	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores. Corequisite: If applicable, Physical Science Lecture.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(0,2,1)	<i>I,II</i>
<b>PHSC 10043 Physical Science Lecture</b>	A general survey course of the physical sciences designed for general education. Course includes topics in physics and chemistry and may also include other physical science topics. Lecture only. <i>A "C" or above in Foundations of Math or Math ACT 17 or above or equivalent placement score is strongly recommended.</i>	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores. Corequisite: If applicable, Physical Science Lab.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>I,II</i>
<b>PHYS 10174 General Physics</b>	This course is an algebra and trigonometry-based physics course. This is not recommended for physics majors. Topics include mechanics in one and two dimensions, fluids, thermodynamics, and mechanical waves and sound. lab required	Prerequisite: "C" or above in College Algebra.			(3,2,4)	<i>V; Not currently offered, but accepted for transfer credit</i>

<b>PLSC 20003 American Government</b>	American Government is an introduction to the history, development and philosophy of American government and politics, including an overview of the three branches of the United States government and a study of the American Constitution.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>I,II,III</i>
<b>PLSC 22043 Comparative Government</b>	Comparative Government is a study of several of the world's governments as compared to the United States government, including historical background, key institutions and political attitudes.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>V; Not currently offered, but accepted for transfer credit</i>
<b>PLSC 23003 Texas Government</b>	A study of the Texas Constitution and government emphasizing political institutions including: political parties, interest groups, the legislature, the governor, the bureaucracy, the judiciary, and local government.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>I,II,III</i>
<b>PNUR 10071 Medication Calculations</b>	This course instructs the student regarding an understanding of basic mathematics, measurement equivalencies, and their application to dosage calculation using dimensional analysis. This course will be required of all Practical Nursing students scoring at or below 90% on the course pretest.	See PN Program admission guidelines.			(1,0,1)	
<b>PNUR 10172 Pharmacology I</b>	This course is a study of medication, calculation, and administration. Topics of study include usual dosages, expected actions, side effects, and contraindications.	See PN Program admission guidelines.			(2,1,2)	
<b>PNUR 10274 Clinical Practicum I</b>	This course provides supervised clinical experience of students in a healthcare setting. Students perform fundamental skills and demonstrate knowledge in the care of geriatric clients.	See PN Program admission guidelines.			(0,11,4)	
<b>PNUR 10375 Clinical Practicum II</b>	This course provides supervised, preceptor, and observational experiences in a variety of clinical settings. Students rotate through medical surgical, obstetric, pediatric, and mental health areas. Theory content is taught concurrently or prior to the students' specific clinical experience.	See PN Program admission guidelines.			(0,16,5)	

<b>PNUR 11073 Nursing Concepts I</b>	Nursing Concepts I is a course that introduces the theory and skills required of the entry-level practical nurse. Concepts and theory associated with the understanding and development of these skills are presented, with emphasis on use of nursing process. Laboratory practice of skill and technique is incorporated throughout the course.	See PN Program admission guidelines.			(3,1,3)	
<b>PNUR 11172 Gerontological Nursing</b>	Gerontological Nursing is a study of the special needs of the geriatric client. It includes management skills in long term care and delegation as it pertains to the practical nurse.	See PN Program admission guidelines.			(2,0,2)	
<b>PNUR 11271 Venous Access and Therapy</b>	Venous Access and Therapy covers the basic fundamental concepts essential to accessing the venous system for obtaining blood or administering intravenous fluids and medications. This course includes basic instruction in quality assurance, patient confidence, infection control, safety, anatomy, an introduction to skillful drawing of blood specimens, and specimen processing techniques. This course utilizes both theory instruction and skills demonstration in the classroom and lab. Concepts and theory associated with the understanding and development of these skills are presented, with emphasis on the use of nursing process. Laboratory practice of skill and technique is incorporated throughout the course.	See PN Program admission guidelines.			(1,1,1)	
<b>PNUR 11375 Nursing Concepts II</b>	Nursing Concepts II is a course that builds on Nursing Concepts I, completing the theory and skills required of the entry-level practical nurse. Concepts and theory associated with the understanding and development of these skills are presented, with emphasis on the use of nursing process. Laboratory practice of skill and technique is incorporated throughout the course.	See PN Program admission guidelines.			(5,1,5)	
<b>PNUR 12272 Maternal/Infant Nursing</b>	This course is a study of nursing care during the prenatal, labor, delivery, postnatal, and neonatal periods. Normal and abnormal conditions are discussed.	See PN Program admission guidelines.			(2,0,2)	

<b>PNUR 20072 Pharmacology II</b>	This course integrates commonly used medications with specific medical surgical diseases and disorders.	See PN Program admission guidelines.			(2,0,2)	
<b>PNUR 20178 Nursing of Adults</b>	This course is a study of the common medical surgical disorders of the adult. It includes signs and symptoms, treatment, nursing care, and outcomes	See PN Program admission guidelines.			(8,0,8)	
<b>PNUR 20272 Pediatric Nursing</b>	This course is a study of the basic principles of growth and development, hospitalization, and the care and treatment of common childhood illnesses.	See PN Program admission guidelines.			(2,0,2)	
<b>PNUR 20371 Mental Health Nursing</b>	Mental Health is a lecture course required to assist the practical nursing students develop a basic understanding of mental health and mental illness. It introduces the basic concepts of mental health and the most common conditions of mental illness including nursing care and treatment. Alcoholism and drug abuse is also introduced.	See PN Program admission guidelines.			(1,0,1)	<i>Varies</i>
<b>PSYC 11003 General Psychology</b>	Introduction of fundamental concepts and basic content of psychology.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>I,II,III</i>
<b>PSYC 20133 Abnormal Psychology</b>	This course is designed as an introductory level course in abnormal psychology, examining the current and historical theoretical paradigms that have influenced our understanding of abnormal behavior.	Prerequisite: "C" or above in General Psychology.			(3,0,3)	<i>I</i>
<b>PSYC 21003 Developmental Psychology</b>	A comprehensive survey of human growth, maturation, and development over the whole life span.	Prerequisite: "C" or above in General Psychology.			(3,0,3)	<i>I,II,III</i>
<b>PVOL 20003 Solar Installation Lab</b>	This course is designed to provide students with practical experience in the installation and maintenance of solar photovoltaic systems and wind turbine systems. This course will focus on the methods and techniques used in these fields.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(1,4,3)	<i>//</i>

<b>PVOL 20103 Solar Electric Design</b>	This course is an introduction to a career in the solar industry. This course begins with the fundamentals of PV systems and a solid understanding of various components, system architectures, and applications for PV systems. This course also includes site analysis, system sizing, array configuration, and performance estimation; electrical design characteristics such as wiring, overcurrent protection, and grounding; a detailed look at module and inverter specifications and characteristics; mounting methods for various roof structures and ground-mounts; and an introduction to safely and effectively commissioning grid-direct PV systems. This course focuses on grid-direct PV systems but covers material critical to understanding all types of PV systems.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	//
<b>PVOL 20203 PV Systems Fundamentals</b>	This course is offered through compressed video through Heatspring who is a NABCEP Registered Provider. This course is designed for electricians, contractors, or career-changers and assists to learn the fundamentals of solar PV systems and get expert help prepping for and passing the NABCEP Photovoltaic (PV) Associate Exam. (NEW)	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	/
<b>PWRT 10003 Fundamentals of Modern Power Plants</b>	This course is designed to introduce the student to the major systems, components and theories of operation of modern day electrical power generation technology and facilities. Emphasis is placed on steam/water cycle.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	<i>Effective Fall 23 will no longer be offered</i>
<b>PWRT 10303 Intro to Alternative Energy</b>	This course is designed to introduce the student to the growing field of electrical production via alternative energy sources. This will include the major systems, components, and theories related to solar, wind, nuclear, and biofuel power generation methods.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	/

<b>PWRT 12103 Intro to Power Plant Generation</b>	This course is designed to prepare the student to work in the operations area of an industrial power plant by providing the basic foundation of knowledge concerning the operation of electrical power plants. This course will focus on the operator's responsibilities in the operation of the plant.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	<i>Effective Fall 23 will no longer be offered</i>
<b>PWRT 12303 Fossil Fuels</b>	This course is designed to introduce the student to the concepts, practices, and processes involved in receiving, storing, and preparing fossil fuels for use in modern day electrical power generation facilities. Emphasis is placed on operator responsibilities and safety.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	<i>Effective Fall 23 will no longer be offered</i>
<b>PWRT 13103 Troubleshooting and Repair</b>	This course is designed to introduce the student to the methods and techniques of maintaining a modern electrical generation system. The intent of this course is to provide the student with the knowledge and skills needed to install new parts or systems, maintain existing equipment and systems, troubleshoot various malfunctions, and repair or replace the various parts or systems as needed	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	<i>Effective Fall 23 will no longer be offered</i>
<b>PWRT 20003 Intro to Wind Technology</b>	This course is designed to prepare the student for entry into the field of wind turbine maintenance. The course focuses on the theory, methods, and equipment used in wind turbine maintenance.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 16 (Reading); or equivalent placement score or above	High School GPA 3.25 graduating within last 5 years.	(3,0,3)	<i>Effective Fall 23 will no longer be offered</i>
<b>RELS 20503 World Religions</b>	A survey course offering students increased cultural awareness and global understanding. Beginning with definitions and common features of religions, the course introduces the student to Hinduism, Buddhism, Taoism, Judaism, Christianity, and Islam.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	<i>Not currently offered but accepted for credit</i>



<b>SCWK 13003 Introduction to Social Work</b>	Introduction to Social Work focuses on major concepts and principles of professional social work, including: the development of social welfare; the history of social work; the knowledge, skills, and value base of social work practice applications. The course also looks at the basis of knowledge from which the theories of social justice and diversity spring and lays a foundation for social workers' professional entry into both public and private arenas.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	//
<b>SOCI 10103 Sociology</b>	A study of the cultural basis of human life and social origins with concepts requisite to an understanding of the process of social institutions and the nature of social changes.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	I,II,III
<b>SOCI 20103 Social Problems</b>	An analysis of selected social problems and other effects on the individual and society				(3,0,3)	//
<b>SOCI 25073 Marriage and Family</b>	A study of marriage, family, and kinship both cross-culturally and within the American society. Also, examined are socialization, sexuality, sex roles, types of marriages, love relationships, marital conflict, and other.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	I
<b>SPAN 00093 Conversational Spanish I</b>	Emphasis will be on learning skills that are adaptable to everyday conversation. Offered upon demand. Non-transferable.					<i>Not currently offered</i>
<b>SPAN 00193 Conversational Spanish II</b>	A continuation of SPAN 0003. Offered upon demand. Non-transferable.				(3,0,3)	<i>Not currently offered</i>
<b>SPAN 10103 Spanish I</b>	This course is the first part of a two-semester college-level beginning Spanish course. The course begins with the study of simple grammar and vocabulary. Attention is placed on reading, writing, speaking, and listening skills. The course also introduces students to aspects of the history, literature, art, religion, and geography of Spain and Latin America.	Prerequisite: "C" or above in Composition I.			(3,0,3)	I

<b>SPAN 10203 Spanish II</b>	Spanish II is the second part of a two-semester, college level beginning Spanish course. Attention is placed on reading, writing, speaking and listening skills. As a general education course, Spanish II also introduces students to aspects of the history, literature, art, religion, and popular culture of Spain and Latin America.	Prerequisite: "C" or above in Spanish I			(3,0,3)	//
<b>SPCH 10003 Principles of Speech</b>	Introduction to oral communications, covering theories and practical application emphasizing proficiency in speech organization, delivery, and critical thinking/listening applications.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	I, //
<b>TECH 11182 General Tool and Safety</b>	This course is an introduction to the basic principles, types, intended purposes, and the safe usage of hand tools and power tools, OSHA laws and regulations, and the principles of good customer service.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(1,4,2)	I, //
<b>TECH 2808V Special Topics in Technical and Industrial Professions</b>	The special topics course is designed to cover emerging issues or specialized content not represented in regular course offerings and is not intended for transfer.	Dean Approval				
<b>TECH 28101 Special Topics</b>	The special topics course is designed to cover emerging issues or specialized content not represented in regular course offerings and is not intended for transfer.	Dean Approval				V

<b>TECH 2908V Internship Technical &amp; Industrial</b>	The internship course is designed to allow students the opportunity to gain experiential knowledge and skills while working under the direction of a site supervisor or preceptor. The internship represents an educational strategy that links classroom learning to hands on experiences in the student's program of study.	Dean Approval			(0,9,3) or (0,12,4)	
<b>THTR 10003 Introduction to Theatre Arts</b>	This course is a study of live theatre and how it is produced, how it has developed historically and culturally, and how it is evaluated and analyzed. This is primarily a survey and theory class but it also includes some practical hands on experience in the various theatre crafts as well as theatre going experiences.	Prerequisite: Has completed or is enrolled in Composition I OR has minimum placement scores.	ACT 19 (Reading); or equivalent placement score) or enrolled in Comp I and/or Coreq.		(3,0,3)	V
<b>THTR 20173 Theatre Practicum</b>	Students participate in a live production in which they gain experience in acting as well as work with technical aspects of a production.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score.		(3,0,3)	V
<b>UNIV 10003 College Life Skills</b>	A unique student success course that emphasizes school-to-work skills while at the same time giving strong coverage of academic skills such as note taking, test taking, and time management. This course focuses on practical strategies to help students, both traditional and non-traditional, progress from college to career and enhance self-image, through the discussion of topics such as working in groups, making presentations, conducting meetings, listening, and setting goals.		ACT 16 (Reading) and ACT 16 (English); or equivalent placement score is required <b>for concurrent credit students.</b>		(3,0,3)	I,II,III

<b>WELD 10151 Welding &amp; Electrical Safety</b>	This is a short-term course that provides instruction in basic welding safety and electrical safety precautions as related to industry. Does not count toward a degree. Offered upon demand.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(1,0,1)	<i>On Demand</i>
<b>WELD 10253 Basic Welding</b>	Students will be introduced to basic safety and welding procedures, including striking an arc, running a bead, gas safety, and simple gas welding and cutting procedures, identifying and using correct welding rods, simple brazing, and basic material properties and principles.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,4,3)	<i>I, II</i>

<b>WELD 11154 Pipe and Structural Fitting</b>	The study of fitting structural steel as well as pipe. This course includes oxy-acetylene welding.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(3,3,4)	/
<b>WELD 12154 Introduction to Arc Welding</b>	The theory and application of Shielded Metal Arc Welding (SMAW) will include the setting of equipment, selecting of electrodes, and running of beads. Practical application is provided through shop experience.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,6,4)	/

<b>WELD 13152 Metallurgy</b>	A study of the properties and classifications of various metals.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	2,0,2)	//
<b>WELD 13256 Position Welding</b>	A continuation of the study of SMAW in the flat, vertical, horizontal, and overhead positions. This course covers metallurgy, heat treating of residual stresses of metals, practical application through laboratory (shop) experience.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(3,9,6)	//

<b>WELD 15152 TIG Welding</b>	A study of the theory and practice of gas tungsten arc welding, GTAW, in which the arc is established through a non-consumable electrode housed in the handle and employing helium or argon as a shielding gas. The filler metal is applied by hand by the operator. This type of welding is sometimes known as heliarc welding.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(1,3,2)	<i>I Regular II SCC Students</i>
<b>WELD 15253 MIG Welding</b>	A study of the theory and practice of gas metal arc welding, GMAW, in which the arc is established through a consumable electrode fed through the handle and employing a shielding gas. This type of welding is sometimes known as wire welding.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,3,3)	<i>I Regular II SCC Students</i>

<b>WELD 17153 Spray Arc Welding</b>	The theory and application of spray arc welding will include the setting of equipment, selecting of electrodes, and running of beads. This course is designed to teach specific welding skills as required by local industry.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(2,4,3)	//
<b>WELD 2005 Special Problems in Welding I</b>	Specific occupational applications for continuing study in subjects related to, but beyond the scope of other welding courses. Each application is designed according to the individual student's need. Prerequisite: consent of instructor.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(0,3,1)	<i>On Demand</i>



<b>WELD 20153 Special Problems in Welding II</b>	Specific occupational applications for continuing study in subjects related to, but beyond the scope of other welding courses. Each application is designed according to the individual student's need. Prerequisite: consent of instructor.	Prerequisite: "C" or above in Foundations of Composition or completed or enrolled in Composition I or use placement score.	ACT 15 (Reading); or equivalent placement score OR ACT 14 (Reading) or lower; or equivalent placement score requires high school diploma and Dean approval to enroll. Students may require CCAP. For SCC minimum ACT 13 (Reading) or equivalent placement score or high school GPA 2.75 with advisor recommendation.	High school GPA 3.0 graduating within last 5 years no recommendation. SCC: High school GPA 2.75 with advisor recommendation.	(0,9,3)	<i>On Demand</i>
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