Below are all Associate Degree Majors (Programs) and two items of important learning they have identified. These are big goals that the program has for its students. Talk to your faculty advisor about these and others that may not be listed!

Program	Important learning 1	Important learning 2
Accounting (AAS)	A student will demonstrate generally accepted accounting principles by properly identifying, analyzing, and recording business transactions.	A student will demonstrate their experience in industry standard accounting and business software packages (QuickBooks and Excel).
Accounting, Business and Economics	A student will demonstrate generally accepted accounting principles by properly identifying, analyzing, and recording business transactions.	Students will identify Equilibrium, Shortages, and Surpluses in S&D curves.
Advertising - Public Relations (AA)	Students will identify Mass Communication practices of the Sender, Receiver and Gatekeeper Model within the fields of Journalism, Advertising, Public Relations, Film, Radio or Broadcast Television.	Students will demonstrate the effective application of Introductory Public Relations principles and concepts.
Advertising Graphics and Design (AAS)	A student demonstrate proficiency in advancing a project from hand drawn Comps to finished digital product.	A student will demonstrate proficiency using Adobe Illustrator CC to produce a brochure
Architecture (AA)	Students will demonstrate professional, visual presentation, representation, and communication skills, through the production of architectural graphics.	The student will be able to research building types through precedents and case studies and utilize as a foundation into the phases of architectural design.
Art (AA)	Students will differentiate artists, concepts, movements, and cultures significant to art.	Students will distinguish and apply design principles and elements of value, color, and composition integral to two-dimensional design.
Automotive Technology (AAS)	A student will demonstrate efficiency from start to finish on a repair and adhere to industry time standard.	A student will demonstrate "Strategy Based" diagnostic procedure to solve vehicle service and repair problems.
Basic Firefighter Option (AAS)	Students will: Explain the history and principles of the NIMS/ICS	Students will: Explain how courage is required to stay safe and describe why it is important to promote firefighter health and safety, prevention of injuries, and reducing Line of Duty Deaths (LODD) in the fire service.
Biological Sciences (AS)	Develop expertise in utilizing a structural framework	Integrate biological concepts across levels of organization.
Chemistry (AS)	STUDENTS WILL DEMONSTRATE THEIR UNDERSTANDING OF FUNDAMENTAL CHEMICAL CONCEPTS INCLUDING CHEMICAL REACTIONS, EQUATIONS AND CALCULATIONS.	STUDENTS WILL DEMONSTRATE AN UNDERSTANDING OF THE FUNDAMENTAL PRINCIPLES OF CHEMICAL BONDING AND HOW BONDING DICTATES INTER- AND INTRAMOLECULAR FORCES EXPERIENCED BY MOLECULES.

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Chicanx Studies (AA)	A student will be able to identify key/historical figures and contributors of the periods of the Chicano pre-movement, Chicano movement, and the Chicanx post-movement (renaissance).	A student will be able to identify and discuss critical legislation affecting Chicanas/os, Latinas/os, Hispanics, etc., in the U.S.
Child Development (AAS)	Students will demonstrate their knowledge of growth and development of children birth to 8 years of age by accurately documenting growth of social and emotional development.	Students will develop and evaluate teaching materials for children, birth to 8 years of age based on developmental appropriateness and learning environments.
Civil Engineering (AS)	Student will demonstrate proficiency in CAD software through the design and assembly of a 3D object/project.	Student will effectively apply structural analysis through the calculation of force in the development of 3D object/project.
Computer Aided Design (AAS)	A student will create a Working Drawing based on both the standards drafting and the skills and knowledge of Computer Aided Drafting. Specific assignment: Development of Hardware Components	A student will use modern technical engineering techniques, skills, and technology including computing tools necessary for technical engineering/drafting practice to create a Subdivision land lot development.
Computer Programing (AAS)	The student will correctly install an operating system in a virtualized lab environment.	The Student will demonstrate an understanding of cyber defense.
Computer Science (AA)	The student will develop algorithms to solve a computational problem using iterative structures.	The Student will demonstrate an understanding of cyber defense.
Court Reporting (AAS)	A student will write a real-time translation theory by applying machine shorthand techniques as the foundation for demonstrating competency in writing and reading machine shorthand steno.	A student will operate the computer-aided translation software to demonstrate proficiency in salable transcript production.
Criminal Justice (AA)	Students will demonstrate problem solving by employing the appropriate techniques, strategies and/or tactics to ensure police effectiveness.	Students will demonstrate critical thinking skills when evaluating issues and practices in Criminal Justice.
Criminal Justice Option (AAS)	Students will demonstrate problem solving by employing the appropriate techniques, strategies and/or tactics to ensure police effectiveness.	Students will demonstrate critical thinking skills when evaluating issues and practices in Criminal Justice.
Culinary Arts (AAS)	Students are able to adhere to a personal hygiene and food handling standard needed to exhibit proper safety and sanitation in a commercial kitchen.	Properly identify a variety of commonly used ingredients in a commercial kitchen.
Cyber Security (AAS)	The student will correctly install an operating system in a virtualized lab environment.	The Student will demonstrate an understanding of cyber defense.

Program	Important learning 1	Important learning 2
Dance (AA)	Student will demonstrate appropriate and effective use of spoken language in the teaching of a clearly defined movement idea.	Student will demonstrate effective collaboration and leadership within a team in a performance setting.
Dental Assisting (AAS)	Students will show a thorough understanding of dental radiography.	Students will show a thorough understanding of dental infection control.
Dental Hygiene (AAS)	*Students will deliver disease prevention and promote oral health in private practice, public health, and alternative practice settings in a culturally competent manner.*	*Students will demonstrate proficiency with clinical skills, critical thinking, and problem-solving skills in the development of patients' individualized health care plans (IHCP) and dental hygiene therapy.*
Diagnostic Medical Sonography (AAS)	Student will produce quality images to evaluate normal anatomy, obtain measurements and identify pathology to create a technical impression that correlates to the patient history with the appropriate exam.	The student will apply field knowledge base, clinical performance and inter-personal communication skills in a work force environment.
Diesel Technology (AAS)	The student will identify major components and their operation on the truck air brakes.	The student will diagnose a "no start" problem with a truck.
EC-6, 4-8, EC-12, Special Education (AA)	Students will describe the Texas teacher certification assessment process (EDUC 1301)	Students will analyze key components of Individuals with Disabilities Education Act (EDUC 2301)
Echocardiography (AAS)	Student will demonstrate mastery of cardiac structure, function and anatomy including abnormal cardiovascular anatomy.	Student will demonstrate mastery of clinical cardiac diagnostic sonography procedures and testing.
Electrical and Computer Engineering Principles (AS)	Student will demonstrate proficiency in CAD software through the design and assembly of a 3D object/project.	Student will effectively apply structural analysis through the calculation of force in the development of 3D object/project.
English (AA)	Students will explore issues/objects/works through the collection and analysis of evidence that result in logical conclusions and evidence supported judgements.	Students will combine or synthesize existing ideas, images, or expertise in original ways that is characterized by a high degree of innovation, divergent thinking, and risk taking
Fashion Design Option (AAS)	Students will effectively communicate through professional use of vocabulary and industry terms.	The student will apply and evaluate business mathematical principles in order to determine price feasibility for garment production costing at the wholesale and retail levels.
Fashion Technology - Illustration (AAS)	Students will effectively communicate through professional use of vocabulary and industry terms.	The student will apply and evaluate business mathematical principles in order to determine price feasibility for garment production costing at the wholesale and retail levels.

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Fashion Technology - Merchandising (AAS)	Students will effectively communicate through professional use of vocabulary and industry terms.	The student will apply and evaluate business mathematical principles in order to determine price feasibility for garment production costing at the wholesale and retail levels.
Fire Management (AAS)	Students will: Explain the history and principles of the NIMS/ICS	Students will: Explain how courage is required to stay safe and describe why it is important to promote firefighter health and safety, prevention of injuries, and reducing Line of Duty Deaths (LODD) in the fire service.
Fire Science Option (AAS)	Students will: Explain the history and principles of the NIMS/ICS	Students will: Explain how courage is required to stay safe and describe why it is important to promote firefighter health and safety, prevention of injuries, and reducing Line of Duty Deaths (LODD) in the fire service.
Geological Sciences (AS)	Student will identify rock types and process within the rock cycle.	Student will correctly explain the theory of plate Tectonics
Health Information Management (AAS)	Student will apply ICD-10-CM/PCS diagnosis and procedure codes.	Student will identify graphical tools for data presentations.
Heating, Ventilation, and Air Conditioning (AAS)	Students will demonstrate the effective application of procedure and process in converting pressure to temperature.	Students will effectively assess and correct equipment failure through the use of proper diagnostic test instruments and sequence of operations for repair.
Homeland Security Option (AAS)	Students will demonstrate problem solving by employing the appropriate techniques, strategies and/or tactics to ensure police effectiveness.	Students will develop and implement an achievable and efficient Community Involvement Plan.
Hotel Operations (AAS)	Students will be able to execute a guided tour of a commercial facility effectively.	A student will explain the check-in process at a full-service hotel.
Industrial and Systems Engineering (AS)	Student will demonstrate proficiency in CAD software through the design and assembly of a 3D object/project.	Student will effectively apply structural analysis through the calculation of force in the development of 3D object/project.
Industrial Maintenance Option (AAS)	Students in the Manufacturing Program will demonstrate proficiency in wiring and troubleshooting techniques in electronic discrete sensing devices	Students in the Manufacturing program will apply advanced electronic concepts and programming instructions techniques used in the Arduino UNO platform.
Industrial Manufacturing Option (AAS)	Students in the Manufacturing Program will demonstrate proficiency in wiring and troubleshooting techniques in electronic discrete sensing devices	Students in the Manufacturing program will apply advanced electronic concepts and programming instructions techniques used in the Arduino UNO platform.
Information Networking (AAS)	The student will correctly install an operating system in a virtualized lab environment.	The Student will demonstrate an understanding of cyber defense.

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Information Technology in Business (AAS)	The student will correctly install an operating system in a virtualized lab environment.	The Student will demonstrate an understanding of cyber defense.
Interior Design Technology (AAS)	The student will demonstrate proficiency using industry terminology and design methods used to solve problems in the built environment.	The student will demonstrate proficiency in the development and understanding of construction documents that are used in the industry.
Journalism -Mass Communication (AA)	Students will identify Mass Communication practices of the Sender, Receiver and Gatekeeper Model within the fields of Journalism, Advertising, Public Relations, Film, Radio or Broadcast Television.	Student will demonstrate the ability to analyze and communicate that analysis in written form.
Kinesiology (AS)	Students will evaluate key components and safety concerns related to the use of AED.	A student will identify and describe the 5 components of health-related physical fitness.
Materials Engineering (AS)	Student will demonstrate proficiency in CAD software through the design and assembly of a 3D object/project.	Student will effectively apply structural analysis through the calculation of force in the development of 3D object/project.
Mathematics (AS)	Explain in written form the steps needed to form a conclusion based on mathematical reasoning.	Students will identify the types of functions given their graphs.
Mechanical Engineering (AS)	Student will demonstrate proficiency in CAD software through the design and assembly of a 3D object/project.	Student will effectively apply structural analysis through the calculation of force in the development of 3D object/project.
Medical Assisting Technology (AAS)	The students will develop and incorporate accurate and proper skills when documenting patient history	The students will demonstrate the accurate and precise form of writing a prescription
Medical Imagining Technology - Radiography (AAS)	A Medical Imagining student will correctly implement professional safety and sanitation standards related to patients and equipment.	A Medical Imaging student will demonstrate the correct sequencing involved in digitally producing a quality diagnostic image for archival processes.
Medical Laboratory Technology (AAS)	Students will the student will identify white blood cells, evaluate red blood cell morphology, perform a platelet estimate and provide overall interpretation of results (normal or abnormal) by performing a manual differential with a minimum of 85% class average competency.	With a minimum of 85% class average competency, students will perform a Gram stain procedure to identify cultured bacteria based on their morphology and staining properties, and based on this result, they will perform 2 biochemical tests to confirm the presumptive identification. A class average of 85% competency is must be met.
Multidisciplinary Studies (AA)	Identify an area of career interest and connect the requisite skills and credentials for this career to an EPCC Pathway.	Apply research strategies to identify, select, and use credentialed sources in an ethical manner through proper citation.

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Multidisciplinary Studies (AS)	Identify an area of career interest and connect the requisite skills and credentials for this career to an EPCC Pathway.	Students will select appropriate mathematical concepts/formulas to solve computational problems
Music (AA)	Music Majors will show a thorough understanding of Music Theory	The student will articulate an understanding of musical style and compositional process, expressing their personal creativity in a musical performance.
Nursing (AAS)	Integrate teaching-learning principles by developing, presenting, evaluating and modifying teaching plans to meet the needs of patients and their families.	Utilize nursing clinical judgement, communication skills and a systematic process when advocating for safe caring and compassionate patient-centered care to culturally diverse patients and their families across the lifespan in a variety of health settings.
Nursing -LVC to RN Transition Option (AAS)	Integrate teaching-learning principles by developing, presenting, evaluating and modifying teaching plans to meet the needs of patients and their families.	Utilize nursing clinical judgement, communication skills and a systematic process when advocating for safe caring and compassionate patient-centered care to culturally diverse patients and their families across the lifespan in a variety of health settings.
Office Administration Option (AAS)	A student will demonstrate the ability to analyze ethical issues in real-world business practices and respond in a manner than demonstrates professional integrity.	A student will evidence proficiency in developing the necessary components to establish a new business.
Paralegal (AAS)	Student will demonstrate an understanding and knowledge of state and federal court systems and procedures.	Student will conduct client interviews to prepare witnesses and evidence for legal proceedings.
Paramedic (AAS)	Emergency Medical Technicians will be able to successfully complete patient medical assessment and develop a treatment plan for patients in a pre-hospital environment.	Paramedics will be able to successfully demonstrate competency in the treatment of emergency patients in a pre-hospital environment.
Pastry (AAS)	Students are able to adhere to a personal hygiene and food handling standard needed to exhibit proper safety and sanitation in a commercial kitchen.	Properly identify a variety of commonly used ingredients in a commercial kitchen.
Pharmacy Technology (AAS)	Students will perform mathematical calculations for IV admixtures.	Student will demonstrate correct preparation of medications requiring compounding of sterile products
Philosophy (AA)	Employ philosophical vocabulary – The student will be able to correctly use philosophical terms in philosophical writing/discourse demonstrating their comprehension of the meaning of this terminology.	Know philosophical areas and methods - The student will distinguish different areas of philosophy and philosophical methods.

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Physical Therapist Assistant (AAS)	The graduating cohort will demonstrate knowledge and comprehension of legal and ethical clinical practice.	Students will demonstrate understanding of "other systems" (the Integumentary, Metabolic/endocrine, Gastrointestinal, Genitourinary, Lymphatic) and the interaction of those systems.
Physics (AS)	Students will demonstrate proficiency in analyzing and problem solving by applying major principles in Physics (mechanics, fluid dynamics, thermodynamics and electromagnetism	Students will demonstrate comprehension of major theories and concepts in Physics.
Psychology (AA)	The student will utilize an analysis of the strengths and weaknesses of the six perspectives (paradigms) of Psychology in explaining and/or predicting human behavior.	The student will effectively apply the scientific method in research.
Psychology (AS)	The student will utilize an analysis of the strengths and weaknesses of the six perspectives (paradigms) of Psychology in explaining and/or predicting human behavior.	The student will effectively apply the scientific method in research.
Radio and Television Broadcasting - Cinematic Production (AA)	Students will identify Mass Communication practices of the Sender, Receiver and Gatekeeper Model within the fields of Journalism, Advertising, Public Relations, Film, Radio or Broadcast Television.	Student will demonstrate the ability to analyze and communicate that analysis in written form.
Real Estate Option (AAS)	A student will demonstrate the ability to analyze ethical issues in real-world business practices and respond in a manner than demonstrates professional integrity.	A student will evidence proficiency in developing the necessary components to establish a new business.
Renewable Energy Technology Systems (AAS)	Students in the Renewable Energy Program will demonstrate proficiency in verifying energy efficiency in a home.	Students in the Renewable Energy Program will install Electrical Components, mechanical components, and complete system installation / commissioning performance analysis.
Respiratory Care Technology (AAS)	Student will demonstrate mastery level ability to correctly interpret Arterial Blood Gases.	Student will demonstrate mastery level ability to apply oxygen therapy in various patient situations evidencing mastery level professional standards of Respiratory Care application
Restaurant Management (AAS)	Students are able to adhere to a personal hygiene and food handling standard needed to exhibit proper safety and sanitation in a commercial kitchen.	Properly identify a variety of commonly used ingredients in a commercial kitchen.
Sign Language/Interpreter Preparation (AAS)	Students will demonstrate emerging grammar structures of ASL.	Students will demonstrate command of English vocabulary sufficient for entry level interpreting

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Small Business Management Option (AAS)	A student will demonstrate the ability to analyze ethical issues in real-world business practices and respond in a manner than demonstrates professional integrity.	A student will evidence proficiency in developing the necessary components to establish a new business.
Social Work (AAS)	A student will analyze diversity and culture sensitivity as it relates to Social Work practice in relation to race, ethnicity, color, culture, age, class, income, spirituality, religion, ability, family structure, nationality, sexual orientation, and gender identity in order to effectively serve people in need.	Social Work students will demonstrate ability to function as an effective assistant facilitator in an individual and group activity.
Speech Communication (AA)	Critical Thinking -The student will analyze and conduct research using a communication framework.	A student will demonstrate effective verbal and written communication through informative or persuasive messages.
Surgical Technology (AAS)	The student will apply principles of aseptic and sterile techniques to reduce potential for surgical site infections (SSIs) in patients in the surgical environment of care.	The student will apply principles of aseptic techniques with appropriate and consistent use of personal protective equipment (PPE) to reduce potential for transmission of communicable disease in the clinical or laboratory settings.
Teacher Preparation (AA)	Students will describe the Texas teacher certification assessment process (EDUC 1301)	Students will analyze key components of Individuals with Disabilities Education Act (EDUC 2301)
Theater (AA)	Students will evaluate Technical Theatre practices using appropriate terms and processes associated with Theatre Arts.	Students will apply major theories, terminology, and practices associated with Theatre Arts.
Travel and Tourism (AAS)	A student will be able to demonstrate the 12 categories for communicating value of product.	Students will be able to execute a guided tour of a commercial facility effectively.