

Below are all Certificate 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
Administrative Medical Assistant (Level One)	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
Advanced EMT Certificate (Level Two)	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.
Advertising Graphics and Design Certificate (Level One)	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
American Sign Language - Deaf Studies Certificate (Level One)	Students will demonstrate emerging grammar structures of ASL.	Students will demonstrate command of English vocabulary sufficient for entry level interpreting
Basic Firefighter Certificate (Level Two)	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.
Border Health Issues Certificate (ESC) (Level Three)	Students will demonstrate the ability to correctly apply nutrition concepts by evaluating dietary intake for nutritional adequacy and developing a plan for improvement.	Student will identify sources of nutrition information and correctly evaluate for reliability and validity.
Cisco Networking Training Certificate (Level Two)	The student will correctly install an operating system in a virtualized lab environment.	The Student will demonstrate an understanding of cyber defense.
CNC Machinist Certificate (Level One)	Students will be able to manufacture a mold and understand the process of how mold components work.	The student will effectively operation both manual and CNC machines
Community Paramedic Certificate (ESC) (Level Three)	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.

Program	Important learning 1	Important learning 2
Comptuterized Accounting APplications Certificate (Level Two)	a student will demonstrate generally accepted accounting principles by properly identifying, analyzing, and recording business transactions.	A student will demosntrate their experience in industry standard accounting and business software packages (QuickBooks and Excel).
Computer Support Technician A+ Certificate (Level One)	The student will correctly install an operating system in a virtualized lab environment.	The Student will demonstrate an understanding of cyber defense.
Construction Specialization Certificate (Level One)	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.
Cosmetology Certificate (Level One)	The student will employ the skills and knowledge needed to safely operate in a salon environment.	Student will demonstrate mastery of application procedures related to hair, skin and nails.
Court Reporting Certificate (Level Two)	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.
Critical Care/Flight Paramedic Certificate (ESC) (Level Three)	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.
Culinary Arts and Related Sciences Culinary Arts Certificate (Level One)	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.
Culinary Arts and Related Sciences Pastry Certificate (Level One)	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.
Culinary Arts and Related Sciences Restaurant Management Certificate (Level One)	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.
Data Support Specialist Certificate (Level One)	The student will correctly install an operating system in a virtualized lab environment.	The Student will demonstrate an understanding of cyber defense.
Dental Assisting Certificate (Level Two)	Students will show a thorough understanding of dental radiography.	Students will show a thorough understanding of dental infection control.

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Diagnostic Medical Sonography Certificate (Advanced Technical Certificate)	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 Mechanic Assistant Certificate (Level One)	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.
Diesel Mechanics Certificate (Level Two)	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.
Driveability Technician Certificate (Level One)	A student will demonstrate "Strategy Based" diagnostic procedure to solve vehicle service and repair problems.	A student will demonstrate professionalism and customer service skills.
Drug/Alcohol Abuse Counseling Certificate (Level One)	1.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.	Students will list four methods by which Social Workers can prepare themselves for Ethnic Sensitive Practice.
Echocardiography	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 Technology Certificate (Level One)	Students will demonstrate mastery of Bonding and Grounding	The Student will design and install all the components of an AC Induction Motor Branch Circuit using a magnetic motor control system.
Emergency Medical Services - Paramedic Certificate (Level Two)	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.
Emergency Medical Technician (EMT) Certificate (Level One)	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.

Program	Important learning 1	Important learning 2
Entry-Level Computer Programming Certificate (Level One)	The student will correctly install an operating system in a virtualized lab environment.	The Student will demonstrate an understanding of cyber defense.
Fire Inspector Certificate (ESC) (Level Three)	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.
Front Desk Operations Certificate (Level One)	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.
Fundamentals of Nursing Certificate (level One)	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.
Heating, Ventilation, and Air Conditioning Certificate (Level Two)	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 Certificate (Level One)	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.
Industrial Patternmaking Certificate (Level One)	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.
Infants and Toddlers Certificate (Level One)	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.
Information Technology in Business Certificate (Level One)	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	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.

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Kitchen and Bath	The student will demonstrate proficiency creating a set of documents that can effectively be used to develop estimates and material take offs	The student will possess knowledge of cabinetry terminology, materials, construction, and implement this knowledge to create construction documents related to the casework industry
Law Enforcement Certificate (Level Two)	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.
Machine Shorthand Scopist Certificate (Level One)	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 apply realtime captioning techniques by demonstrating machine shorthand proficiency.
Mechanic Technician Certificate (Level One)	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.
Mechanical Specialization Certificate (Level One)	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.
Medical Assisting Certificate (Level Two)	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 Billing and Coding Certificate (Level Two)	Student will apply ICD-10-CM/PCS diagnosis and procedure codes.	Student will identify graphical tools for data presentations.
Medical Transcription Certificate (Level Two)	Student will transcribe with accuracy required by professional standards in the field of Health Information Management	Student will transcribe with the speed required by professional standards in the field of Health Information Management
Networking and Security Technologies Certificate (ESC) (Level 3)	The student will correctly install an operating system in a virtualized lab environment.	The Student will demonstrate an understanding of cyber defense.
One-Year Certificate (Level One)	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.

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Paralegal Certificate (Advanced Technical Certificate)	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.
Pharmacy Technology Certificate (Level Two)	Students will perform mathematical calculations for IV admixtures.	Student will demonstrate correct preparation of medications requiring compounding of sterile products
Photovoltaic (PV) Installers Certificate (Level One)	Students in the Renewable Energy Program will install Electrical Components, mechanical components, and complete system installation / commissioning performance analysis.	Students in the Renewable Energy Program will effectively maintain and troubleshoot a system.
Real Estate Certificate (Level One)	Student will understand effective and legal real estate practice regarding Agency	Student will understand effective and legal real estate practice regarding Contracts
Realtime Closed Captioning/CART Certificate (Level Two)	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.
Renewable Energy Technology System Certificate (Level Two)	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.
Residential HVAC Technician Certificate (Level One)	The student will explain the sequence of events of an 80% efficient furnace.	Students will correctly wire-up a series and a parallel circuit.
Robotics and Automation Certificate (Level Two)	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.
Small Business Mngement Certificate (Level Two)	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.
Teacher Assistant Certificate (Level One)	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.

Program	Important learning 1	Important learning 2
Travel Counselor/Airline Reservionist Certificate (Level One)	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.
Two-Year Certificate (Level Two)	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.
Vocational Nursing Certificate (Level Two)	The student will provide evidence-based nursing care that promotes safety for the patient, family and their environment, while utilizing current technologies and nursing informatics.	The student will assume accountability for the quality of patient-centered nursing care provided to patients and their families within the legal scope of nursing practice and professional values and standards.
Welding Certificate (Level One)	Student will demonstrate technical competency in structural welding positions, per American Welding Society standards.	Students will demonstrate proper Oxy-Acetylene torch procedures from setup to shut down.