



Sheridan Technical College Career Dual Enrollment 2027-2028 Program Offerings



Automotive Service Technology

The Automotive Service Technology program prepares students for employment as automotive repair technicians by providing state-of-the-art automotive service repair techniques on both foreign and domestic vehicles. Automotive repair technicians perform preventative maintenance, diagnostics, and repairs on automobile and light duty truck systems. The program content includes, but not limited to: automotive services assistant, brakes systems, steering & suspension systems, electrical/electronics systems, engine repair, and heating, ventilation, air conditioning systems. The curriculum integration of theory and hands-on practice prepares the students to take the Automotive Service Excellence (ASE) certification test(s). The students are required to take the ASE student level tests in brakes, steering & suspension, electrical/electronics, engine repair and HVAC. The students will have the opportunity to take the ASE professional level tests too.

ASE professional level certifications and course subject completion with a 70% or better GPA allows the student to earn College Credit Transfer Opportunity and/or Advanced Credit upon completion of the program and meeting eligibility requirements, students may be awarded credits toward an Associate Degree by Broward College or the Florida College System.

Building Trades & Construction Design

The Building Trades & Construction Design Technology program is designed to prepare students for employment in the residential and commercial construction industry along with the maintenance and repair industry. The content includes but is not limited to: applying construction techniques; reading plans and specifications; and developing trade skills in carpentry, masonry, electricity, plumbing and air conditioning. The curriculum integration of theory and practice provides students with fundamental entry level skills necessary for the construction industry.

Electricity

This program focuses on training in electricity for residential, commercial and industrial systems. The students will be instructed on conduit bending techniques, blueprint reading, fire alarm installation, journeyman preparation and interpreting national and local electrical codes. Students will also master the understanding of all aspects of the electricity industry's planning, management, finance, technical and production skills, with underlying principles

of technology, labor issues, community issues and health, safety and environmental issues.
This program is very limited in seating and is only available for incoming 11th grade students.

Air Conditioning, Refrigeration, & Heating (HVAC)

Air Conditioning, Refrigeration and Heating is a high demand career field. The programs train students for employment as heating, air conditioning, and refrigeration mechanics or air conditioning installer-servicers. Instruction and laboratory activities include planning, installing, testing, and servicing of A/C, refrigeration, and heating systems and components, taught on state-of-the-art equipment. Students also learn troubleshooting electrical and mechanical components; testing, diagramming, and solving problems in A/C, refrigeration, and heating equipment; brazing and soldering tubing and piping; installing and servicing controls and components; electrical wiring; troubleshooting of electrical and mechanical systems; routine maintenance and service. This program also offers EPA certification, comprehensive recovery, and recycling.

Electrocardiograph Technician (EKG)

The Electrocardiograph (EKG) Technology program prepares students for employment as electrocardiograph aides, electrocardiograph technicians, cardiovascular technologists/technicians or to provide supplemental training for persons previously or currently employed in this occupation. EKG technicians, also known as cardiographic or electrocardiogram technicians, perform diagnostic tests to aid doctors in identifying and treating cardiovascular problems in patients.

The program content includes, but is not limited to: communication and interpersonal skills, overview of human anatomy and physiology with emphasis on cardiac and vascular systems, medical terminology and transcription, patient care techniques, medical instrumentation, cardiovascular drugs, interpretation of monitoring and testing results, medical ethics, cardiac wellness and rehabilitation, safe and efficient work practices, CPR, Basic Life Support. (BLS) and employability skills. The curriculum integration of theory and practice prepares students to take the Certified EKG Technician assessment. Students will be prepared to take an approved state and/or nationally recognized industry certification or licensure exam in their field of study.

This is a one-year program. Incoming 12th grade students will be placed before 11th grade students.

Barbering

This program is designed to prepare for employment as a Restricted Barber or the Full Barbering program. It includes training in hair cutting with clippers, shears, styling, shaving, mustache and beard designs, hair coloring, chemical waving, and relaxing.

Training includes background in:

- Safe and efficient work practices
- Florida Barber Law and Rules

- Chemistry (Demonstrates appropriate understanding of basic sciences)
- Bacteriology, Anatomy, Physiology
- Identify and perform trimming/shaping hair (to work with a variety of tools and equipment)
- Identify and perform hairstyles
- Identify and perform mustache and beard design
- Demonstrate shaving the face
- Identify and perform facial treatments

Students are introduced to the laboratory where they render hair and facial treatments to the general public for a nominal fee. This invaluable work experience at Sheridan Technical College prepares the student with entry-level skills. The Barber curriculum is designed to qualify students for the Barber Licensing Examination which is governed by the Florida Department of Business and Professional Regulation.

This program is very limited in seating. Incoming 11th grade students will be placed before 12th grade students.

Cosmetology

The Cosmetology Training program focuses on a broad spectrum of subjects, which include but are not limited to:

- Florida Cosmetology Laws and Rules
- Sanitation and Sterilization
- Facials (including skin care and hair removal)
- Hair Shaping
- Scalp treatments and hair care rinses
- Shampoos and rinses
- Hair arranging (styling)
- Hair coloring
- Chemical waving
- Relaxing/Straightening
- Manicure/Pedicure/Nail extension
- Beauty Salon Management
- Hair extensions

Students are introduced to the laboratory where they render hair, basic nails and skin care services to the general public for a nominal fee. This invaluable work experience at Sheridan Technical College prepares the student with entry level skills for the job market.

The Cosmetology curriculum is designed to qualify students for the Cosmetology Licensing Examination which is governed by the Florida Department of Business and Professional Regulation. ***This program is very limited in seating. Incoming 11th grade students will be placed before 12th grade students.***

Culinary Arts

The Culinary Arts program covers Sanitation & Safety, Garde Manger (Cold Foods), Hot Foods, Baking, Nutrition, Supervision & Management, and controlling foodservice costs. This program is accredited by the American Culinary Federation Education Foundation, Inc. in which credits articulate to Broward College towards a Culinary Arts Management Degree. Students may apply for experiential credit if currently employed in a qualified food service position.

Total hours each term will be a combination of classroom, lab and on-line work. Qualified students have the opportunity to obtain the ServSafe certifications. Additional skills covered in the Culinary Arts program include:

- Menu Planning
- Purchasing & Receiving
- Catering & Beverage Service
- Dining Room Service
- Equipment Management
- Fruit, Vegetable & Salad Preparation
- International & Classical Cuisine Bakery and Dessert Preparation
- Entrepreneurship
- Basic Science/Math Skills
- Communication Skills
- Employability Skills
- Volume Foods
- Controlling Food Service Costs

Business Management & Analysis

The Business Management and Analysis Program is designed to prepare students for employment as a Supervisor, Manager Trainee, or Small Business Owner. The content focuses on broad, transferable skills of business supervision including communications and human resource management; finance; technology; bookkeeping; environmental health and safety; and computer applications. In addition, students learn the functions of management, forms of business ownership, organizational structures, business law and ethics, insurance,

government regulations in business, and how to open and operate a business. As a final project, students prepare a portfolio and business plan. The Business Management and Analysis Program prepares students for the Intuit Personal Finance certification.

Legal Administrative Specialist

The Legal Administrative Specialist Program is designed to prepare students for employment as a general office clerk, clerical support staff, administrative support staff, and legal secretary/legal assistant. The content focuses on broad, transferrable skills in the area of legal administrative specialist including communications; critical thinking and decision making; legal terminology; office procedures and practices specific to the legal environment; transcription of legal documents; utilization of advanced software applications; career research; the legal aspects of business and papers; and the development of high-quality employment portfolios and job seeking documents. The Legal Administrative Specialist Program prepares students for the Accredited Legal Professional certification.

Medical Administrative Specialist

This program will provide students with a variety of skills for employment in the medical field to perform administrative support functions. Students in the Medical Administrative Specialist program will learn medical office duties that utilize knowledge of information technology, medical terminology, medical billing and coding, medical transcription. Students will prepare to attain the Certified Medical Administrative Assistant (CMAA) certification through the National Healthcareer Association (NHA) to become part of the Allied Health Profession. As a CMAA you may perform the following tasks:

- Review and answer practice correspondence
- Operate computer systems to accomplish office tasks
- Answer calls, schedule appointments, greet patients and maintain files
- Update and maintain patient and other practice-specific information
- Coordinate operation reports such as time and attendance

Upon completion of the program and meeting eligibility requirements, students may be awarded up to 25 college credits toward an A.S. or A.A.S. Degree by Broward College or up to 21 credits by other selected Florida Community Colleges.

Network Support Services

The Network Support Services program equips students with the critical technical skills required for careers in network administration. Powered by the globally recognized Cisco Networking Academy, the curriculum emphasizes intensive hands-on training to ensure mastery of real-world competencies.

Core Program Focus

- **Configuring Routers & Switches:** Students gain hands-on experience setting up, optimizing, and maintaining core network hardware implementing both IPv4 and IPv6 protocols.
- **Advanced Security Implementation:** The curriculum prioritizes advanced security strategies, training students to deploy sophisticated hardware and software defenses to safeguard modern network infrastructures.
- **Project-Based Skill Labs:** Theoretical knowledge is directly applied through integrated physical and virtual laboratory activities, allowing students to simulate, monitor, and troubleshoot complex corporate environments.

This rigorous training serves as a foundational stepping-stone for high-demand IT pathways, preparing students for professional environments or further specialized education in network and cybersecurity engineering. Students will be prepared to take an approved state and/or nationally recognized industry certification or licensure exam in their field of study.

Industry Certification Prep:

- Cisco Certified Network Associate (CCNA) in Routing and Switching Version 8
- Alternative certifications such as A+ and Network+ are available based on the student's skill level

Applied Cybersecurity

The Applied Cybersecurity program is an advanced, high-velocity training track designed for individuals with a solid foundation in computer networking and systems. Because this curriculum bypasses basic digital literacy to dive directly into technical rigor and real-world security scenarios, a prior background in IT or networking is highly recommended for student success.

Advanced Technical Scope

Students must be prepared to navigate challenging, multi-layered security disciplines, including:

- **Offensive & Defensive Operations:** Mastering penetration testing, attack mechanisms, intrusion detection, and active prevention techniques.
- **Infrastructure Hardening:** Securing databases, specialized software, web applications, and wireless networks across residential and corporate environments.
- **Systems & Cryptography:** Implementing complex cryptographic systems, access control architectures, and robust key management.
- **Risk & Incident Governance:** Analyzing security vulnerabilities, executing risk identification frameworks, and managing rapid incident response and recovery.

Industry Certification Prep

The rigorous, state-approved coursework demands significant analytical problem-solving, directly preparing students to sit for the CompTIA Security+ and other globally recognized cybersecurity industry certifications.

Early Childhood Education

The Early Childhood Education/Early Childhood Professional Certification (ECPC) Program prepares students for employment within the industry as early childhood educators, lead preschool teachers, VPK teachers, before-care/after-care workers and supervisors, child development specialists, directors/owners, and family day care home operators.

Included are the following major areas of training: child growth and development; health; safety; nutrition; behavior guidance techniques; child abuse and neglect; rules and regulations governing child care; community and environmental issues; language development and emergent literacy; lesson and program planning; implementation of developmentally appropriate practices for children birth through age eight; inclusion of children with special needs; interpersonal relations; communication; balancing family, school and work; employability skills; labor issues; entrepreneurship; and management and finance.

Early Childhood Education is a Florida Department of Education Early Childhood Professional Certificate (ECPC) program. The ECPC is accepted for the Department of Children and Families Staff Credential. Students who complete the ECE/ECPC program are prepared to pursue the national CDA credential and are also eligible for nine (9) college credits at any state public university.

Additional Skills Covered:

- Child growth and development
- Health, safety and nutrition
- Behavior guidance techniques
- Child abuse and neglect
- Rules and regulations governing child care
- Community and environmental issues
- Lesson and program planning
- Inclusion of children with special needs
- Balancing family, school and work
- Employability skills
- Implementation of developmentally appropriate practices for children birth-8 years
- Language development and emergent literacy