

# Somerset County Technology Center ADULT EDUCATION CATALOG 2024-25

Somerset County

**SCTC**

TECHNOLOGY CENTER

*Your Career Starts Here!*

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- Aspiring Educator
- Auto Technology
- Carpentry
- CDL
- Collision Repair & Refinishing
- Computer Networking
- Cosmetology
- Culinary Arts
- Dental Assisting
- Drafting, Design & Pre-Engineering
- Electrical Occupations
- Esthetician
- Forestry
- Health Occupations
- HVAC/R
- Machine Technology
- Masonry
- Nail Technician
- Practical Nursing
- Welding

# DAYTIME PROGRAMS (Intergenerational)

Adults may take advantage of occupational training programs during regular day school hours (8:15AM-2:45PM). All career training programs are competency-based and allow students to progress at their own pace. Most programs consist of two semesters of training totaling 1,000 hours. The cost is \$8,500 for most programs. Numerous programs are on the state's eligible training provider list (ETPL) and also qualify for financial aid. Enrollment is open-entry, and students are accepted in August and January. See us about cross-training in various disciplines.

## ASPIRING EDUCATOR

Course will cover stages of child development, safety and first aid in caring for children, day care and preschool regulations, planning and presenting information to children, nutrition, guidance and discipline techniques, and personal care of children.

**CERTIFICATIONS:** PA Department of Education-Bureau of CTE-Child Development Associate Ready Certificate (CDA-Ready)/American Heart Association-Pediatric First Aid for Child Care Providers/National Heart Association-Infant CPR AED/American Heart Association- Adult Child-CPR AED/National Council for Professional Recognition—Child Development Associate (CDA)

## AUTOMOTIVE TECHNOLOGY

Thorough theory and actual laboratory experience, students receive the training needed to troubleshoot, analyze, and repair malfunctioning gasoline engines.

**CERTIFICATIONS:** S-P2 Automotive Service Pollution Prevention/S-P2 Automotive Service Safety/S-P2 Supervisor's Course/PA Safety Inspection Mechanics Category I License/Valvoline Motor Oil, Fluids, and Automotive Chemicals

## CARPENTRY

Students will acquire the skills required in residential construction through participation in the modular house project. Many of these skills are trades of their own, such as roofing, drywall installation and finishing, floor installation, cabinetmaking, framing, and finish carpentry.

**CERTIFICATIONS:** PA Builders' Association Skills Certificate/CertainTeed-Master Shingle Applicator/Occupational Safety & Health Administration-OSHA 10 Hour Construction Certification/JLG Mobile Lift

## COLLISION REPAIR & REFINISHING

The course includes training in the latest procedures, products and tools approved by I-Car for the collision repair industry including S-P2 Safety. Students will begin with basic panel preparation and advance to ultrasonic damage diagnosis on the Shark II system. In addition, students will learn refinishing procedures and custom painting using both conventional and water-based paints. Welding instruction will include both steel and aluminum MIG welding.

**CERTIFICATIONS:** S-P2 Collision Pollution, Prevention/S-P2 Automotive Service Pollution Prevention/S-P2 Collision, Safety/S-P2 Automotive Service Safety/PA Safety Inspection Mechanics Category I License/ I-CAR Non-Structural Pro Level 1/I-CAR Refinish Pro Level 1/PPG Technician Certification

## COMPUTER NETWORKING

Students learn the basics of computers, physical networking using copper and fiber optic cabling, and logical networking with Cisco-based coursework.

**CERTIFICATIONS:** Cisco Certified Entry Network Technician-ICND1 (CCENT)/Cisco Certified Network Associate-ICND1 (CCNA)/Cisco Certified Design Associate (CCDA)/Comp TIA A+/Comp TIA Net+/Comp TIA Security+/CompTIA Server+/Comp TIA IT Fundamentals/Microsoft Technology Associate-Networking, Server, Security, and Windows/Microsoft Technology Associate

## CULINARY ARTS

Instruction includes practical experience in the school restaurant and bakery, where students study the following occupations: chef, cook, baker, salad maker, line cook, prep cook, cake decorator, serving staff, and cashier. Special emphasis is placed on safety, sanitation, restaurant management, menu planning, daily operations, and nutrition.

**CERTIFICATIONS:** National Restaurant Association ServSafe and Food Handler Certifications/American Heart Association- CPR/AED/First Aid

## DENTAL ASSISTING

This program prepares individuals to function effectively as an integral member of the dental health team. The course includes instruction in standard precautions, OSHA regulations, communications skills, microbiology and sterilization, dental materials, dental radiography, oral anatomy, histology, oral embryology & pathology, and therapeutics. Clinical science portion will emphasize the principles of office management, chair-side assisting, dental emergencies, and legal/ethical aspects of dental practice. Clinical practice is an integral part of the program designed to perfect students' competence in performing dental assisting functions.

**CERTIFICATIONS:** American Heart Association-CPR/AED/First Aid & BLS for Health Care Providers/National Safety Council Bloodborne & Airborne Pathogens/Dental Assisting National Board Radiation & Health Safety/National Entry Level Dental Assistant (NELDA)





# DAYTIME PROGRAMS (Intergenerational)

## DRAFTING, DESIGN & PRE-ENGINEERING

Students learn and may specialize in mechanical or architectural drafting or civil engineering. Students use the latest computer-aided drafting software and utilize the latest technology including a 3D printer and scanner, laser engraver, total station, as well as GPS units.

**CERTIFICATIONS:** Autodesk—AutoCAD Certification I/ Autodesk—AutoCAD Certification II/Autodesk Inventor/Autodesk User Revit/Autodesk Professional Studio 3D MAX/Occupational Safety & Health Administration-OSHA 10 Hour Construction Certification

## ELECTRICAL OCCUPATIONS

Electrical training involves three major branches: residential, commercial, and industrial electricity. Students learn theory and regulatory codes, as well as practical applications.

**CERTIFICATIONS:** Occupational Safety & Health Administration-OSHA 10 Construction Certification/Arc Flash-Low & High Voltage Certificate/JLG Mobile Lift/PA Builders' Association Skills Certificate

## FORESTRY

The forestry program is designed to train students in woodland care and management which includes logging, cutting, planting, and marketing of wood and wood products. The course also covers skills involved in sawing, drying, and grading lumber.

**CERTIFICATIONS:** Bureau of Forestry—Forest Fire Fighter/American Heart Association-CPR/AED/First Aid/PA Department of Agriculture Pesticide Private Applicator's License/National Safe Tractor and Machinery Operation/Professional Timber Harvester

## HEALTH OCCUPATIONS

This training prepares students for a wide variety of pre-professional careers in the medical and nursing assistant fields. Technical and practical application of medical techniques are developed, as well as observational and cooperative experiences with health care agencies.

**CERTIFICATIONS:** American Heart Association-CPR/AED/First Aid & BLS for Health Care Providers/National Safety Council Bloodborne & Airborne Pathogens/Medical Assisting Clinical & Clerical/Certified Patient Care Technician/Certified Phlebotomy Technician/PA DHS Personal Care Home & Direct Care Staff

## HEATING, VENTILATION, AIR CONDITIONING & REFRIGERATION (HVAC/R)

Students will learn and understand how to install or repair central air-conditioning, HVAC, refrigeration systems, and heating systems including oil burners, hot-air furnaces, heating stoves, and heat pumps.

**CERTIFICATIONS:** EPA 608

## MACHINE TECHNOLOGY

Students learn modern machining techniques which include precision measuring, use of machine tools, computerized numerical control (CNC) programming, and quality control.

**CERTIFICATIONS:** National Institute for Metalworking Skills-NIMS Level I (NIMS)

## MASONRY

Students will learn brick and block laying techniques, work with various types of stone and ceramic tile, and learn various concrete applications including decorative concrete. Masonry students learn to construct a project from layout to completion, including cost and material estimates.

**CERTIFICATIONS:** PA Builders' Association Skills Certificate /Occupational Safety & Health Administration-OSHA 10 Hour Construction/JLG Mobile Lift

## WELDING

Students learn the latest procedures and techniques in bonding and fabricating metal, including MIG, TIG, and Flux Core. Instruction includes blueprint reading and CNC training for burn table.

**CERTIFICATIONS:** American Welding Society GMAW Globular Transfer 1G D1.1 Code/ AWS SMAW 1G 7018 D1.1 Code/JLG Mobile Lift/WD 40 (S/P2)/Welding (S/P2)/Occupational Safety & Health Administration-OSHA 10 Hour Construction

## DUAL CERTIFICATIONS

**Schedule - Consists of 4 Semesters (2,000 Hours)**  
**Tuition - \$17,000**

- Collision Repair & Refinishing/ Auto Technology
- Collision Repair & Refinishing/ Welding
- Drafting, Design & Pre-Engineering/ Carpentry
- Drafting, Design & Pre-Engineering/ Machining
- Carpentry/ Masonry
- Welding/ Machining
- Carpentry/ Electrical



## COMMERCIAL TRUCK DRIVING

**Flexible Schedule - Daytime/Evening Hours- 175 Hours - 8 Weeks**  
**Affordable Tuition - \$5,500 (does not qualify for federal financial aid)**

### Student Requirements -

- Must be at least 18 years of age
- Have a high school diploma or high school equivalency
- Be able to obtain a valid PA Class A CDL driving permit
- Need a valid PA driver's license & birth certificate to obtain a driving permit
- Need a valid Medical Examiner's Certificate & negative 10-panel drug screen
- Driving record is considered

*Please contact the Adult Education Office for details on the next class start date (offered year-round)*

## PRACTICAL NURSING PROGRAM

**Schedule- Monday-Friday, 8:30AM-3:30PM (theory day); 6:30AM-2:30PM (typical clinical day)**

**Tuition- \$17,500                      Fees/Books- \$2,350**

**Application Fee- \$125**

**TEAS pre-entrance exam (scheduled online)- \$87**

The Practical Nursing program at SCTC is a 51-week program, divided into four levels. Total program hours are 1,500, including 610 theory hours and 890 clinical hours.

Clinical sites include: Conemaugh Hospital, UPMC- Somerset Hospital, Somerset Health and Rehabilitation Center, and Laurel View Village.

Class begins annually in mid-September.

## COSMETOLOGY

**Schedule- Monday-Friday, 8AM-3PM**

**Cosmetology.....\$12,500 (qualifies for federal financial aid)**

Become a fully licensed Cosmetologist.

**LENGTH:** 38 weeks; 1,250 hours

**Cosmetology Teaching License.....\$5,000**

This program will provide training to become a certified Cosmetology Instructor.

**LENGTH:** 15 weeks; 500 hours

**Esthetician.....\$3,000**

Learn skin care techniques to become a fully licensed Esthetician.

**LENGTH:** 9 weeks; 300 hrs.

**Nail Technician.....\$2,000**

Learn basic manicure and pedicure techniques, artificial nail application, and nail design to become a fully licensed Manicurist.

**LENGTH:** 6 weeks; 200 hours