

Seneca Highlands



Career and Technical Center

- Offering instructional programs with combinations of subject matter.
- Experiences designed to prepare students for entry-level occupations.
- Students prepare for and obtain employment in a variety of exciting careers.

Leadership, reliability, craftsmanship, and proper attitudes for the work environment - - our students develop these qualities throughout all courses.

Participating School Districts
Austin, Cameron County, Coudersport, Galeton,
Kane, Northern Potter, Oswayo Valley,
Otto-Eldred, Port Allegany, Smethport

Talking to your child about: Career and Technical Education

Career and Technical Education, also known as vocational school, offers courses and programs that introduce students to career choices. It is a great opportunity for your child to gain experience and training in automotive mechanics, construction trades, cosmetology, culinary arts, health care, heavy equipment mechanics, networking systems technology, machining, and welding.

Let your child know:

- Career and Technical Education prepares you for a bright future. It provides hands-on experience in careers that you can't get in regular high school classes.
- It teaches important skills, such as communication, teamwork, leadership, and goal setting that can help you succeed in a job.
- It helps save money on college tuition and certifications. You can earn college credit or work-related certifications while still in high school.
- You can earn internships and get workplace experience through Career and Technical Education. These make it easier for you to land a good job.
- It can help you do better in school. Learning real-world skills will help keep you excited about school and motivate you to do well.

Seneca Highlands Career and Technical Center

Seneca Highlands CTC is an Equal Rights and Opportunities school.

For more information contact
Mr. James Young, Director
Phone: 814-642-2573 / FAX: 814-642-5100
219 Edison Bates Drive
Port Allegany, PA 16743

IU9/Instructional Media Services
www.iu9.org

Automotive
Mechanics

Building
Construction
Occupations

Cosmetology

Culinary Arts

Health
Assistant

Heavy
Equipment
Maintenance

Metalworking
Occupations

Network
Systems
Technology

Welding



*A publication
to assist students,
parents, and
counselors in
the selection of a
Career and Technical
Program*

Automotive Mechanics

3 Years

Students will perform service, repair, and maintenance procedures on various makes and models. Your training will include power trains, engine, suspension, brakes, exhaust and more.

In addition students will gain hands-on training working with industry current tools and equipment.

As an Auto Mechanic, students will be able to work in auto shops, after market manufacturers, and suppliers.

Career Opportunities

- General Service Technician
- Parts Clerk
- Front End Specialist
- Auto Body Repair

~ PSI ~
PA State Inspection
Certification

Building Construction

3 Years

Construction is about building a bigger picture: the planning, coordination, and control of a project from inception to delivery.

Students will learn to interpret blueprints and specifications, and construct wood products and structures from rough lumber to finish grade.

They will learn the safe operation of a wide range of hand, power, and air tools. Students will build a residential house from the ground up.

Career Opportunities

- Finish Carpenter
- Rough Carpenter
- Construction Management
- Carpenter Helper
- Construction Business Owner

~ OSHA ~
Occupational
Safety & Health
Administration
Certification

Cosmetology

3 Years

The Cosmetology field combines talent, art, science, and business. Cosmetology students are taught professional hair, skin, and nail techniques and procedures.

In the student-operated patron clinic, COS students gain practical work experience and essential communication skills as they cut, style, and color hair. They also perform manicures and pedicures, manage the salon by scheduling appointments, maintain inventory, and order supplies.

Students will have a solid background in customer service, salon management, and hairstyling and make-up application. Students completing the course will become state licensed cosmetologists.

If you can picture yourself working in an exciting setting such as a salon, spa, cruise ship, or even starting your own business, then Cosmetology is for you!

Career Opportunities

- Cosmetologist
- Salon Manager
- Salon Owner
- Make-up Artist

Cosmetology
License

Culinary Arts

3 Years

Culinary Arts offers a wide range of career opportunities for those who enjoy preparing exciting cuisines and have an eye toward business ventures. The students' education is enhanced by participating in various catering projects and the operation of a full-service restaurant.

Sanitation is one of the most important areas of concern in the restaurant industry today. Students will learn the sanitary aspects of handling food including receiving, storing, preparation, and serving.

Career opportunities in restaurants, resorts, country clubs, hotel/motel management; as well as cruise ships and airlines are abundant.

Career Opportunities

- Cook, Pastry Cook
- Dining Room Host/Hostess
- Food and Beverage Directors
- Food Sales
- Kitchen Helper
- Nutrition/Dietary Aide
- Waiter/Waitress

ServSafe
Certification

Health Assistant

2 Years

Students who are caring, compassionate and possess critical thinking skills should check out Health Assistant. Statistics from the Pennsylvania Department of Labor and Industry indicate that occupations in health care will continue to experience the highest growth rate.

Students will be introduced to medical terminology and anatomy while learning about common disease conditions.

Through scheduled clinical experiences at local long-term care facilities, students apply learned health care theory to actual "hands on" clinical practice.

Career Opportunities

- Nurse Assistant
- Medical Assistant
- Home Health Aide

~ CNA ~
Certified Nurse Aide
Certification

Heavy Equipment Maintenance

3 Years

Students will learn how to service, diagnose, repair, and rebuild gasoline and diesel powered trucks, tractors, logging and construction equipment.

Additionally, students will develop skills in metalworking practice such as arc-welding, oxy/acetylene cutting and fabrication techniques with industry-related projects.

Career Opportunities

- Equipment Mechanics
- Equipment Manager
- Truck Mechanics
- Parts Clerk

~ PSI ~
PA State Inspection
Certification

Metalworking

3 Years

Metalworking has evolved into a sophisticated science and technology. The curriculum provides excellent preparation for those whose career goals include becoming a welding, mechanical, or metallurgical engineer.

Students will design and build parts from various types of metal using CNC mills and lathes, to be used for airplanes, submarines, automobiles and the manufacturing industry.

Students will learn how to read blueprints to weld and produce projects in a machine shop.

Career Opportunities

- Machinist or Tool & Die Apprentice
- Combination Welder Apprentice
- Powdered Metal Secondaries
- Quality Control and Inspection

~ NIMS ~
National Institute
of Metalworking
Standards

Network Systems Technology

3 Years

Students will learn the basics of networking from the home-user experience to the Internet Service Provider (ISP) level. They will design, build, configure, and troubleshoot networks. They will program routers and switches, explore wireless and security methods.

The Cisco Academy curriculum offers an engaging learning experience with many interactive activities embedded in and a large number of labs to encourage hands-on practice.

Career Opportunities

- Cable Installers
- Computer Support Specialists
- Network Administrators
- Technology Coordinators
- Computer Operators

~ CCent ~
Cisco Certified Entry
Networking Technician
Certification

Welding

3 Years

The Welding field is ever-changing, offers flexibility, and maintains a high demand for future employment and careers.

In the Welding program, students will be introduced to the basics of welding in the most common processes: Stick, Tig, Mig, and Oxyfuel welding; and cutting processes: such as oxyfuel, plasma, and air-arc gouging. Students will learn the best methods for preparing and fitting their materials to achieve the best weld possible. Students will also be trained on how to select the best welding process needed to complete a job, while also taking into account cost and time effectiveness. As with any hands on job skill, training in safety will be paramount and best practices will be taught and required.

Career Opportunities

- Engineering
- Inspection
- Military Support
- Pipeline Installation
- Project Management
- Robotics

~ AWS ~
American Welding Society
Certification

The Capstone Work Experience Program is available for recommended students in all CTC programs of study.