

NORTH MONTCO TECHNICAL CAREER CENTER

AUTOMOTIVE TECHNOLOGY

In accordance with Automotive Service of Excellence (ASE) and Automotive Youth Education System (AYES) standards, **the Automotive Technology Program** provides current curriculum, instructional materials, and equipment that are needed to reinforce knowledge, skills and attitudes appropriate to industry needs.

What you will learn:

The eight ASE curriculum areas:

- Engine Repair
- Brakes
- Automatic Transmission/Transaxle
- Electrical/Electronic Systems
- Manual Drive Train and Axles
- Heating and Air Conditioning
- Suspension and Steering
- Engine Performance

Career possibilities:

- General Technician
- Automotive Service/Diagnostic Tech.
- Service Consultant
- Assistant Service Manager
- Insurance Estimator

Career possibilities with additional education:

- New/Used Car Sales Manager
- Insurance Investigator
- Dealership Service Director
- Automotive Editor/Writer
- College/High School Instructor

Physical Criteria:

- Manual dexterity
- Heavy lifting
- Strong eye/hand coordination
- Physical stamina/strength

Certifications students can earn:

- AYES (Automotive Youth Education System)
- PA Certified Safety Inspection Mechanic
- PA Certified Emissions Inspection Mechanic
- MACS
- SP/2 Safety and Pollution Prevention
- ASE Student Certification

Uniform/equipment list:

- Power and Transportation Cluster uniform shirt
- Safety glasses
- Activity fee (\$20)
- Work pants
- Work boots
- Mechanics gloves- optional (\$10-\$30)
- Seniors only:
 - PA State Inspection/Emission Books (approx. \$75)
 - MACS Air Condition (approx. \$25)

Class of 2019 graduation plans:

- 26% found employment in this field
- 13% plan to continue their education in this field
- 22% plan to continue their education in an unrelated field
- 13% will be working in a different field
- 26% will be joining the military

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North Montco Technical Career Center, 1265 Sumneytown Pike, Lansdale, PA 19446
215-368-1177 * www.nmtcc.org

Northern Montgomery County Technical Career Center does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities and provides equal access to youth groups.