**Student Requirements**

1. Read, interpret and follow multi-step instructions.
2. Able to read complex manuals
3. Math skills to level of Algebra I
4. Manual dexterity
5. Able to lift 40-50 pounds.
6. Able to work in tight places and indoors
7. Basic understanding of computers
8. Desire to obtain industry certifications

**General Information**

**ATTENDANCE**
Students attend the Technical Center at one of these times, depending on their year in the program.

- Auto I Mornings—9:00 to 11:30
- Auto II Afternoons—12:00 to 2:30

**CREDITS**
Students earn three credits for the successful completion of Auto Technology I and three credits for the successful completion of Auto Technology II.

**TRANSPORTATION**
Students are transported to and from the Technical Center in buses provided by their home schools.

**INSTRUCTOR INFORMATION**
William Mundie
wmundie@northernnecktech.org

Mr. William Mundie is an ASE Certified Master Automobile Technician.
Students are able to compete in the various SkillsUSA competitions at the state fair and within the district. Students may have the opportunity to attend the state and national competitions.

The Auto Technology program is designed to provide a thorough knowledge of the technologies of the modern automobile and all its supporting systems, to develop an individual’s mechanical and technical ability, and develop interest in an automotive repair and service career. The curriculum is designed primarily for persons who seek full-time employment in the automotive maintenance and general repair field immediately upon completion of the two-year program. The course will develop the student’s skills in the use of the most modern automotive repair tools and equipment. For one to advance successfully in this program of study, a thorough understanding of the automobile, its basic operating principles, mechanical aptitude, and manual dexterity is required.

**CAREER OPPORTUNITIES**

- Auto Parks Clerk
- Service Station Technician
- Automotive Technician
- Diesel Technician
- Farm/Heavy Equipment Technician
- Small Engine Repair
- Automotive Service Manager
- Employment
- Armed Forces
- Fleet Operations Garages
- Garages-New/Used Car Dealers
- Auto Parts Stores
- Farm/Heavy Machine Dealers

**FIRST & SECOND YEAR**

**ENGINE REPAIR**
- Automotive Transmission & Transaxle
- Suspension & Steering
- Brakes

**ELECTRICAL & ELECTRONIC SYSTEMS**
- Heating & Air Conditioning
- Engine Performance
- Manual Drive Train and Axles
- Additional Supplemental Tasks

**THERE’S A NATIONAL SHORTAGE OF QUALIFIED TECHNICIANS—PAY COULD BE SUBSTANTIAL**

**OPPORTUNITY TO EARN INDUSTRY CERTIFICATIONS IN SUCH AREAS AS:**

- ASE MLR Certification
- ASE Student Certifications
- S/P2 Safety Certification
- Valvoline Oil Certification
- Workplace Readiness Skills for the Commonwealth