Automotive Technologies

Utilizing state-of-the-art professional tools and computer systems, students learn automotive repair and maintenance skills. This is a two-year program based on the National Automotive Technician Education Foundation (NATEF) model for Maintenance and Light Repair. Automotive Service Excellence (ASE) certified, this program is designed to graduate entry-level technicians with a broad skill set, a solid foundation in electrical/electronics, and a general understanding of all automotive systems.

Characteristics for Success:
- A strong interest and some ability in this area
- Eager to learn new things
- Excellent attendance
- Parental support of the career and Automotive Technologies program

Recommended Home School District Courses:
- Physics
- Basic Electricity

Topics Covered:
- Safety
- Automotive Tools
- Brake Service
- Suspension and Steering
- Restraint Systems
- Engine Repair
- Transmission
- Basic Electricity and Electronics
- Vehicle Manuals
- Heating and Air Conditioning

Available Academic Credits:
- Math 11 (1 credit)
- Science 11 (1 credit)
- English 12 (1 credit)
- Career and Financial Management (1/2 credit)

For more information on the availability of this option, please contact your home school counselor.

College Credit Available From:
- Columbia-Greene Community College (4 credit hours)
- Hudson Valley Community College (3 credit hours)
- SUNY Morrisville (3 credit hours)
- Ohio Technical College (4 modules)
- University of Northwestern Ohio (12 credit hours)

These credits are only available if the student attends these colleges.

Related Career Opportunities:
- Automotive Insurance Adjuster
- Automotive Marketing and Sales
- Parts Counterperson / Manager
- Service Technician
- Shop Manager / Owner

Industry-Based Certifications:
- SP2 National Safety Certification
- ASE Student Certification in Maintenance & Light Repair

Technical Assessment:
- National Institute for Automotive Service
- Excellent (ASE) Maintenance & Light Repair

Pass ALL 3 parts of the technical assessment: written, performance and portfolio

*Successful passing of this written exam may be counted as the fifth required regents exam for graduation.

CONTACT INFORMATION:
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