

# AUTOMOTIVE TECHNOLOGY

**A two-year program based on the National Automotive Technician Education Foundation (NATEF) model for Maintenance and Light Repair.**

- The certification track is designed to graduate entry-level technicians with a broad skills set, a solid foundation in electrical/electronics, and a general understanding of all automotive system.
- The program offers live work on school-owned vehicles using high-tech equipment.
- Strong ties with industry partners results in wide variety of internships, equipment and vehicle donations, as well as industry presentations, demonstrations and clinics.
- Curriculum includes commencement level math and English language arts.
- All students are given the opportunity to participate in a Work-based Learning experience, which exposes them to the operation of a business and specific job duties related to careers in their CTE area. This internship is designed to connect the skills and knowledge learned in the CTE classroom with the real world requirements of a business.

## Curriculum includes:

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| • Brakes                            | • Manual drive train and axles      |
| • Electrical and electronic systems | • Automatic transmission/transaxles |
| • Steering and suspension           | • Heating and air conditioning      |
| • Engine repair                     |                                     |
| • Engine performance                |                                     |

## Certifications & Endorsements

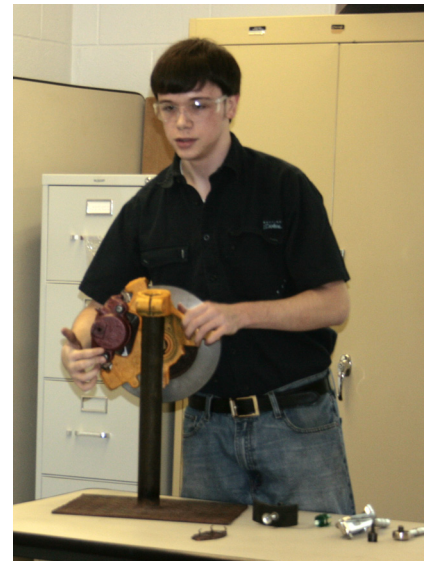
- National Institute for Automotive Service Excellence (ASE)
- Prepared to take the test for NYS Department of Motor Vehicle Inspector Certification

## Students completing the program successfully qualify to work as:

- Entry-level Technician

## Employment opportunities requiring further education:

- Estimator
- Shop Manager



CAREER AND TECHNICAL EDUCATION

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