

AUTOMOTIVE TECHNOLOGY

Drive towards a career that maintains and improves vehicles

In Automotive Technology, students will work on school-owned vehicles using high-tech equipment in a rigorous, two-year program. Students will learn to diagnose, troubleshoot and perform preventive maintenance on automobiles. Students should have good communication skills, strong mathematical abilities and basic computer knowledge to support work in this program. With strong ties to industry partners, this program is designed to graduate entry-level technicians with broad skill sets, a solid foundation in automotive electronics and general understanding of automotive systems. Students have the opportunity for ASE Certification, an industry-wide accepted certification.



What You Can **LEARN**

Units of Study

- Shop Orientation and Safety (S/P2)
- Suspension and Steering
- Brakes
- Electrical/Electronic Systems
- Engine Performance
- Engine Repair
- Heating, Ventilation and Air Conditioning
- Automatic Transmissions and Transaxles
- Manual Transmissions and Drivetrains
- Basic Technician Skills, Financial Management
- Welding - Oxyacetylene, MIG and TIG



What You Can **EARN**

Available High School Academic Credits

At district request, students may earn:

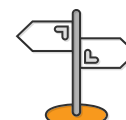
- English

Licensing/Industry-Based Certifications

- Automotive Service Excellence Education Foundation (ASE)

Work-Based Learning

- School-Based Learning
- Educational Tours
- Guest Speakers
- Career Fair
- Co-op
- Job Shadow (required senior year)



Where You Can **GO**

Career Opportunities

Minimal Requirement Beyond CTE

- Auto Service Technician
- Parts Associate

Additional Education and/or Experience

- Service Advisor
- Master Automotive Technician
- Automotive Machinist

Postsecondary Pathways

Dual Enrollment

- Monroe Community College
 - Survey of Auto Transportation and Service (MMP100)
 - Survey of Auto Service Lab (MMP101)

Articulation Agreements

- Alfred State
- Monroe Community College
- University of Northwestern Ohio
- SUNY Canton
- SUNY Morrisville

Now You Can
KNOW

In Rochester, there are over 4,000 people employed in the automotive repair and maintenance industry.



Monroe 2-Orleans BOCES Career and Technical Education

WEMOCO Career and Technical Education Center

3589 Big Ridge Road, Spencerport, NY 14559

(585) 352-2471 • www.monroe2boces.org/cte • @BOCES2CTE

