

# AUTOMOTIVE TECHNOLOGY

Drive towards a career that maintains and improves vehicles

Shift into the inner workings of vehicles. Gear up to learn about topics like suspension, brakes and electrical systems. Gain a deep understanding using both computers and a variety of tools to test, diagnose and repair cars. Grease your mental gears as you move from car enthusiast to skilled technician. Accelerate your future success under the hood and solve complex technical problems.



## 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

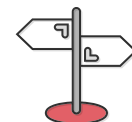
*Students have opportunities to earn:*

- Automotive Service of Excellence (ASE)

### Work-Based Learning

*Organizations that support this program:*

- Bob Johnson Auto
- DeCarolis
- West Herr Automotive Group
- Mercedes Benz of Rochester
- Prolift
- Titan Motorworks
- Toyota Dealers of Rochester
- Websmart Auto
- West Herr



## Where You Can GO

### Career Opportunities

Minimal Requirement Beyond CTE

- Auto Service Technician
- Parts Associate

Additional Education and/or Experience

- Service Advisor
- Master Mechanic
- 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
- MCC
- 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

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