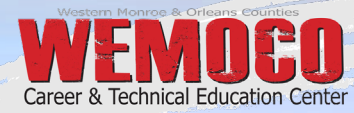


Automotive Technology



Develop advanced diagnostic skills to repair cars with complex, computer-driven operating systems



Students learn to maintain, diagnose and repair passenger vehicles. Students identify mechanical and electronic/computer issues that affect vehicle performance and safety. Students utilize computer-based diagnostic equipment as a source of vehicle analysis.

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

Available Academic Credits

- English
- Math

Licensing / Industry- Based Certifications

Automotive Service of Excellence (ASE)

College Credits

MCC Dual Enrollment

- MMP-100 Survey of Automotive Transportation and Service
- MMP-101 Survey of Auto Service Lab

Work-Based Learning

CTE programs bring students into the workplace for real life experiences. Businesses that support our Automotive Technology program:

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

Articulation Agreements

- Alfred State
- MCC
- University of Northwestern Ohio
- SUNY Canton
- SUNY Morrisville



Career Paths

All CTE programs correlate to many career paths.

↓ Start Here

- Auto Service Tech
- Parts Associate

Go Here ↓

with more education & experience

- Service Advisor
- Master Mechanic
- Automotive Machinist

Explore more:

- <https://www.careerzone.ny.gov/>
- <https://www.onetonline.org/find/>



WEMOCO Career & Technical Education Center
Monroe 2-Orleans Board of Cooperative Educational Services
Monroe2BOCES.org/cte 585-352-2471
3589 Big Ridge Road, Spencerport, New York 14559

