

ONONDAGA-CORTLAND-MADISON BOCES

# Career & Technical Education

## AUTOMOTIVE TECHNOLOGY

@ Cortlandville Campus



### PROGRAM OVERVIEW

Automotive Technology is a two-year program designed to provide students with basic mechanical knowledge and skills. As an Automotive Service Excellence (ASE) program students gain knowledge and skills through a combination of theoretical study and hands-on lab work, including the repair of customer vehicles in brake systems, engine performance diagnosis, suspension and steering, electronic control systems, and on-board computerized engine control systems diagnosis on automobiles and light trucks. This program, which is state and nationally certified, is the first step in preparing an individual for a career in the technical repair field. Over the course of the program, students are provided with internship experiences and the opportunity to earn a Career and Technical Endorsement on their diploma by successfully passing the industry-standard ASE technical assessment.

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[WWW.OCMBOCES.ORG](http://WWW.OCMBOCES.ORG)

### CAREER OPPORTUNITIES

- Automotive service technician
- Customer care technician
- Retail parts specialist
- Retail salesperson
- Tire technician
- Automotive technician/mechanic\*
- Tire mechanic\*
- Emissions analyst and repair technician\*
- Industrial repairer specialist\*
- Engine builder\*
- Engine performance technician\*
- Parts research & development\*
- Service writer/advisor\*
- Service & repair manager\*
- Business owner/operator\*
- Parts manager\*

\*Advanced employment: Additional training may be necessary

### TECHNICAL SKILLS

- Tool use & safety
- Engine performance
- Drive train & axles
- Braking systems
- Electrical systems
- Suspension & steering
- Heating & air conditioning
- New York State Inspection
- Electronic service & repair
- Information systems

### AVAILABLE ACADEMIC CREDITS

- 3 CTE credits per year
- 1 science or math credit per year

### CONTINUING EDUCATION PARTNERS

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

### ASE INDUSTRY CERTIFICATION

- Maintenance
- Light Repair



### FOR MORE INFORMATION

For more information about the Automotive Technology program, see your high school guidance counselor or call our OCM BOCES guidance counselors at:

Cortlandville Campus (Cortland): 1710 NYS Route 13  
(607) 758-5260