

ONONDAGA-CORTLAND-MADISON BOCES Career & Technical Education

AUTOMOTIVE TECHNOLOGY at Henry

Automotive Technology is a two-year program designed to provide students with basic mechanical knowledge and skills. As an Automotive Service Excellence (ASE) program certified by the National Automotive Technicians Education Foundation (NATEF), 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 NATEF technical assessment.

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 per year
- 1 science or math per year

CONTINUING EDUCATION PARTNERS

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

ASE NATEF INDUSTRY CERTIFICATION

- Maintenance & light repair
- Suspension & steering
- Brakes
- Electrical/electronics
- Engine performance



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*

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:

Henry Campus (Syracuse): 6820 Thompson Road (315) 433-2635

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Committed to Your Success

