

AUTO TECHNICIAN TRAINING

NYS CIP CODE: 47.0604

Program Summary

- Prepare to enter the auto field in a dealership, repair shop, parts facility, and more.
- Operate master level technician equipment to diagnose problems.
- Troubleshoot and repair today's modern vehicles.
- Experience real-world, web-based manufacturer service information.
- Students in this program are eligible to earn their Automobile Service Excellence (ASE) Student Certification.

College Credit Connections

- Alfred State College
- Lincoln Technical Institute
- Ohio Technical College
- SUNY Canton
- SUNY Erie
- SUNY Morrisville
- University of Northwestern Ohio

Additional Information

- Students must supply work pants, coveralls, and work boots.

Career Pathways

Professional Careers

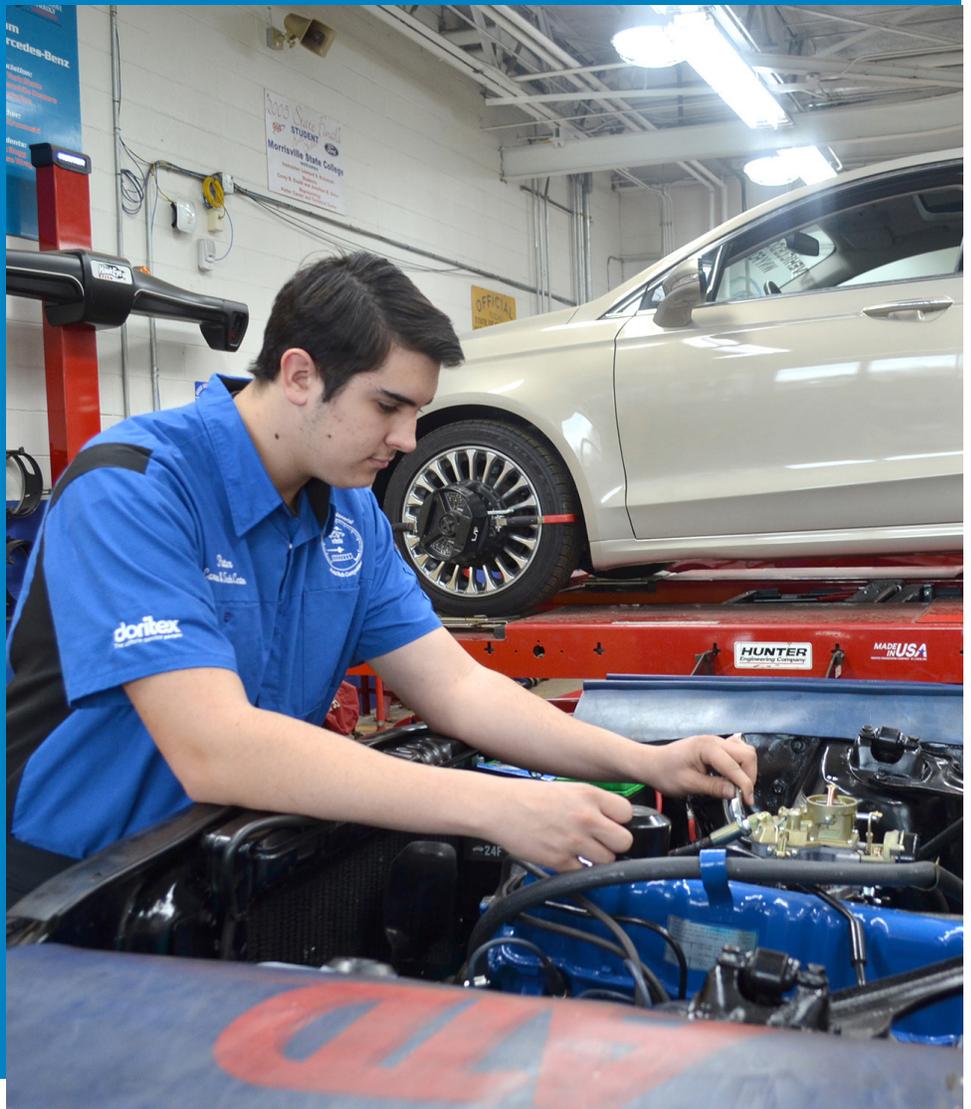
Automotive Engineer
Automotive School Teacher
College Recruiter
Dealership General Manager
Entrepreneur
Production Manager

Technical Careers

Diesel Mechanic
Equipment Mechanic
Parts Manager
Service Manager
Technician
Tow Truck Driver

Entry Level Careers

Detailer
Lube Technician
Parts Counter Associate
Parts / Shuttle Driver
Service Writer
Tire Service Technician



AUTO TECHNICIAN TRAINING

Engine Repair

- Assembly
- Overhaul
- Remove and Replace

Computer Diagnostics

- Scan Tool Usage
- Service Information Usage
- Computerized Alignments
- TPMS Reset Equipment
- Computerized Wheel Balance

Industry Recognized Certification

- Automotive Service Education Foundation - MLR

Local and National Competitions

- Skills USA
- ASE / Ron Smith Memorial Auto Tech Competition
- Mechanics Competition at the WNY Farm Festival
- National Automotive Technology Competition

Hands-On, Live Work Training

- School Supplied Vehicles
- Student Vehicles
- Industry Donated Vehicles and Equipment
- Work on Faculty and Privately Donated Vehicles

Brakes

- ABS Diagnostics
- Trouble Shoot
- Industry Standard Brake
- Hydraulic Brake Repair

Steering and Suspension

- Tires
- Alignment
- Live Work
- Complete Suspension Repair and Diagnosis
- Complete Steering Repair and Diagnosis

Engine Performance

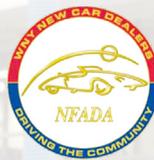
- Scan Tool Usage
- Computer Diagnostic Information
- Tune Up Service
- Emission Testing and Service
- Fuel and Exhaust Systems Service

Auto Electrical

- Wire Repair
- Multi Meter Diagnostics
- Series and Parallel Circuits Diagnostics and Repair
- Vehicle Accessory Installation
- Starting and Charging System Diagnostics and Repair

HVAC

- A/C Component Identification
- A/C Theory and Operation



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