



Pre-CTE Automotive Services

Grades 9 - 12

Plattsburgh Campus

Students in grades 9-12 will learn basic principles and practices necessary for employment in the automotive maintenance, basic repair and minor auto collision repair fields. This program will provide students with hands-on training as well as classroom instruction suited for diverse learning styles. Students will train in basic vehicle maintenance including basic electrical and brake repair. Instruction in interior and exterior detailing is also provided. This program will prepare students for job placement or and/or into the CTE Automotive Tech, Auto Collision Repair, Heavy Equipment/Diesel Mechanics, or Marine Technology Program to further their education.



Program Highlights

- In House Work Site
- Employability Skills
- Co-Teaching Model
- High Quality Instruction

Career Connections

- Oil-Lube Technician
- Retail Customer Service
- Automotive Service Assistant
- Automotive Detail Specialist
- Exhaust System Repair
- Brake Diagnostic/Repair

Certifications

- NYS CDOS Commencement Credential

Further Education

- Automotive Technology (CV-TEC)

Course of Study

Automotive Reconditioner (Detailer)

- Apply Appropriate Safety Precautions
- Appropriate Use of Supplies and Equipment
- Prepare Vehicle for Washing & Cleaning
- Degreasing/Detailing engine Compartment

Automotive Repair Technician (Vehicle Maintenance)

- Perform Tire Dismount and Mounting
- Perform Oil, Filter & Chassis Lube
- Proper Hoisting & Jacking
- Perform Tire Rotation & Wheel torque Procedures
- Services Automotive Batteries - Cleaning Connections & Testing
- Inspecting All Fluids for Proper Levels and Contamination

Automotive Repair Tech (Brakes)

- Replace Break Pads & Shoes
- Replace Brake Hoses
- Bleed Brake System
- Replace Wheel Cylinders
- Replace Emergency Brake Cables

Automotive Repair Technician (Electrical)

- Repair Wiring, Solder & Heat Shrink Insulation
- Use Tester to Evaluate Battery, Starter and Alternator Condition
- Disassemble/Assemble & Test Alternator
- Perform Headlamp System Repair
- Use D.V.O.M to Measure Circuit Resistance & Voltage Drop

Employability Skills

- NYS CDOS Commencement Credential
- Work Based Learning
- Employability Profile