

Automotive & Diesel Engine Technology

ASE certification is available to successful graduates

TECH PREP

Jackson Center

2 Year Program

Mr. Paul Plungis

This program explores the fundamentals of automotive/diesel technology for automobiles and light trucks. Students explore technology found in most automobiles, sport utility vehicles, and light trucks including engine repair, electrical systems, brakes, steering, and suspensions. Students also focus on the responsibilities of a parts specialist and service consultant in the automobile and light truck industry.

Related Job Titles

Automotive Mechanic
Light Diesel Mechanic
Basic Engine Performance
Automobile Service Consultant
Parts Specialist

Skills You Will Learn

How to:

- Handle tools and equipment
- Operate electronic test equipment
- Troubleshoot a vehicle's electrical system
- Disassemble, inspect and rebuild gas and diesel engines
- Complete in-vehicle repairs: brakes, engines, steering and suspensions, as well as alternate fuel systems

Worker Requirements

You should prefer:

- Working with things and objects
- Working with your hands

You should be able to:

- Read and understand service manuals
- Perform a variety of duties which often change
- Solve problems using good judgment

Physically you must:

- Have full use of your arms and legs
- Be able to work in cramped or awkward positions
- See and hear well
- Lift heavy objects

Career Ladder

Most entrants start as trainee mechanics. They can then advance to supervisors, service managers and service representatives or open their own shop.

Continuing Education

Ocean County Vocational Technical School
Brookdale Community College
Engine City Technical Institute
Ohio Auto/ Diesel Technical Institute
Universal Technical Institute
Pennco Tech

Additional Information

Automotive Service Industry Association
444 N. Michigan Ave.
Chicago, IL 6061

American Trucking Association, Inc.
2200 Mill Road
Alexandria, VA 22314-3415

ASE
13505 Dulles Technology Drive
Herndon, VA 22071-3415

ASE certification is available to successful graduates. Students can earn 12 college credits to the University of NW Ohio.