

AMT 177 : Automotive Diesel Fuel System

Credits: 2

Class Hours: 1 lecture and 3 lab

Prerequisites: "C" or higher in AMT 129 or automotive industry work experience with instructor's approval.

Recommended: Knowledge of basic theory on operations of automotive engines and fuel and emission systems.

Description: This course is designed to provide the student with technical knowledge and skill in servicing and troubleshooting the fuel injector system of the automotive diesel engine.

Semester Offered: Fall

Course Student Learning Outcomes (CSLOs):

1. Demonstrate the use of reference training materials and use appropriate tools, testing, and measuring equipment to diagnose, test, inspect, and perform needed repair/service on automotive diesel engine systems and components.
2. Demonstrate an understanding of personal and environmental safety practices and observe all industry standards of safety.
3. Demonstrate an understanding of applicable theories of operation and principles of automotive diesel engine systems.