

AMT 240 : Fuel and Emission Systems

Credits: 4

Class Hours: 8 lecture/lab

Prerequisites: "C" or higher in AMT 241.

Description: This course covers the principles of operation, diagnosis, and repair of fuel systems and emission systems. Carburetion, fuel injection, supercharging, turbocharging, fuel pumps, electronic control, and emission control systems are examined. Diagnostic and repair procedures are performed using automotive tools and testing equipment.

Semester Offered: Fall

Course Student Learning Outcomes (CSLOs):

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