

AMT 244 : Engine Performance II

Credits: 5

Class Hours: 2 lecture and 9 lab

Prerequisites: "C" or higher in AMT 242.

Description: Computer engine management systems of domestic and foreign cars are studied in this course. Theories on operation, diagnosis and repair of sensors, actuators, and onboard computers are covered. The use of scanners, digital storage oscilloscopes, digital graphing multi-meters, and DVOMs are also covered.

Semester Offered: Spring

Course Student Learning Outcomes (CSLOs):

1. Demonstrate the use of reference training materials, use appropriate tools, testing and measuring equipment to diagnose, test, inspect, and perform needed repair/service on engine performance computerized control 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 engine performance computerized control systems.