AMT 242 : Engine Performance I

Credits: 5
Class Hours: 10 lecture/lab
Prerequisites: "C" or higher in AMT 129 and AMT 240.
Description: This course covers diagnosis of engine mechanical systems, electrical systems, fuel system delivery (pumps, regulators), fuel injectors, ignition systems, and emission control systems using digital storage oscilloscopes, scanners, and various electronic testers.
Semester Offered: Fall
Course Student Learning Outcomes (CSLOs):

1. Demonstrate an understanding of applicable theories of operation and principles of engine performance 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 engine performance systems and components.
3. Demonstrate an understanding of personal and environmental safety practices and observe all industry standards of safety.