

AMT 154 : Suspension and Steering Systems

Credits: 4

Class Hours: 8 lecture/lab

Prerequisites: "C" or higher in AMT 100.

Description: This course presents the theory and practical application of the operation, problem diagnosis, maintenance and repair of the modern suspension and steering systems to include: front wheel drive steering and suspension systems; rear wheel drive steering and suspension systems; four wheel drive steering and suspension systems; and all-wheel drive steering and suspension systems. Wheel alignment and tire servicing are also covered.

Semester Offered: Fall

Course Student Learning Outcomes (CSLOs):

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