

AMT 149 : Automatic Transmission and Transaxle

Credits: 4

Class Hours: 8 lecture/lab

Prerequisites: "C" or higher in AMT 100.

Description: This course covers the fundamental principles of automatic transmission design and operation found on Front Wheel Drive (FWD) and Rear Wheel Drive (RWD) automobiles. Service, repair, and overhaul procedures are included for a variety of import and domestic automatic transmissions.

Semester Offered: Fall

Course Student Learning Outcomes (CSLOs):

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