

# AMT 152 : Brake Systems

**Credits:** 4

**Class Hours:** 8 lecture/lab

**Prerequisites:** "C" or higher in AMT 100.

**Description:** This course covers the principles in the operation of the modern automotive brake system. Further development in new technology such as computerized ABS (Anti-skid Brake Systems), electronic power brakes, and four-wheel disc brakes will be covered. Repair and service techniques of the complete brake system will be demonstrated.

**Semester Offered:** Fall

**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 brake 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 brake systems.