CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:
This course is designed to provide students with the necessary skills and understanding to diagnose, repair and maintain the automotive brake system. Hydraulic theory, brake operating principles, anti-locking brake theory and systems, construction maintenance, machining overhaul and repair will be performed by the student.

PREREQUISITES: YAATC Program Course – Program Approval Required

EXPECTED COMPETENCIES:
Upon successful completion of this course, the student will be able to:
1. Identify basic braking principles.
2. Identify basic breaking components.
3. Reline drum brake system.
4. Reline disc brake system cont.
6. Evaluate Hydraulic systems.
7. Rebuild hydraulic brake cylinders, calipers and master cylinders.

ASSESSMENT METHODS:
Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:
90%-100% = A
80%-89.9% = B
70%-79.9% = C
60%-69.9% = D
<60% = E