



COMMON COURSE OUTLINE: Course discipline/number/title: AMT 1745: Ignition Lab

A. CATALOG DESCRIPTION

1. Credits: 2
2. Hours/Week: 4
3. Prerequisites (if any): AMT 1740 as a prerequisite or concurrent with class.
4. Co-requisites (if any): None
5. MnTC Goals (if any): NA

This course covers the service, diagnosis, and repair of basic ignition systems as well as the necessary maintenance to keep ignition systems in good working order. Recommended Entry Skills/Knowledge: High School Diploma/GED.

B. DATE LAST REVISED (use current date): April, 1997

C. OUTLINE OF MAJOR CONTENT AREAS:

1. Inspection and Service of Ignition Systems
2. Diagnosis
3. Repair of Ignition Systems
4. Ignition Timing
5. Maintenance of Ignition Systems

D. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Service and maintain basic ignition systems.
2. Diagnose problems in ignition systems.
3. Repair and replace parts as needed.
4. Evaluate ignition systems using various diagnostic tools/equipment.
5. Operate ignition equipment.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:

1. Shop/lab projects
2. Lab worksheets/assignments
3. Individual and team projects

G. SPECIAL INFORMATION (if any):

~~\$5.00 per credit lab fee~~