



COMMON COURSE OUTLINE: Course discipline/number/title: AMT 1815: Engine Repair Lab

A. CATALOG DESCRIPTION

- 1. Credits: 7**
- 2. Hours/Week: 14**
- 3. Prerequisites (if any):** AMT 1810 as prerequisite or concurrent.
- 4. Co-requisites (if any):** None
- 5. MnTC Goals (if any):** NA

This course covers the diagnosis, repair procedure, and testing and maintenance procedures for automotive engines.
Recommended Entry Skills/Knowledge: High School Diploma/GED.

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

C. OUTLINE OF MAJOR CONTENT AREAS:

1. Diagnosis and Evaluation of Engines
2. Repair Techniques
3. Upper Engine Maintenance and Repair
4. Lower Engine Maintenance and Repair
5. Engine Machining
6. Break-in and Final Evaluation

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

1. Evaluate engine condition.
2. Perform upper engine repair techniques.
3. Perform lower engine repair techniques.
4. Perform minor engine machining.
5. Perform engine break-in and final evaluation.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:

1. Lab projects
2. Lab assignments/worksheets
3. Individual and group projects

G. SPECIAL INFORMATION (if any):

\$5.00 per credit lab fee