



**COMMON COURSE OUTLINE: Course discipline/number/title: AMT 1825: Alignment and Suspension Lab**

**A. CATALOG DESCRIPTION**

1. Credits: 3
2. Hours/Week: 6
3. Prerequisites (if any): AMT 1820 as a prerequisite or concurrent course.
4. Co-requisites (if any): None
5. MnTC Goals (if any): NA

This course covers diagnosis, evaluation, adjustment, and repair of suspension systems and related automotive components. 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 Suspension Systems
2. Diagnosis and Evaluation of Wheels and Tires
3. Adjustment and Repair of Suspension, Wheels, and Tires
4. Alignment Techniques and Equipment
5. Starting Systems

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

1. Evaluate and diagnose suspension system problems.
2. Evaluate and diagnose wheel and tire problems.
3. Perform suspension system adjustment and repair.
4. Diagnose and repair starting systems.

**E. LEARNING OUTCOMES (MNTC):** NA

**F. METHODS FOR EVALUATION OF STUDENT LEARNING:**

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

**G. SPECIAL INFORMATION (if any):**

\$5.00 per credit lab fee.