



COMMON COURSE OUTLINE: Course discipline/number/title: AMT 1820: Alignment and Suspension Theory

A. CATALOG DESCRIPTION

1. Credits: 2
2. Hours/Week: 2
3. Prerequisites (if any): None
4. Co-requisites (if any): None
5. MnTC Goals (if any): NA

This course covers suspension design, alignment geometry and wheel and tire factors as well as recommended maintenance steps concerning suspension systems and related 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. Suspension Design and Types
2. Alignment Geometry
3. Wheel and Tire Maintenance
4. Suspension Diagnosis, Adjustment, and Repair Steps

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

1. Identify and describe suspension designs and types.
2. Describe various alignment geometry angles.
3. Describe wheel and tire service and maintenance steps.
4. Describe suspension adjustment and repair steps.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:

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

G. SPECIAL INFORMATION (if any): None