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 (Course discipline/number): None
4. Co-requisites (Course discipline/number): AMT 1820
5. MnTC Goals (if any): NA

This course covers a diagnosis, evaluation, adjustment, and repair of suspension systems and related automotive components.

B. DATE LAST REVISED (Month, year): February, 2015

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

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. Tire Replacement and Balancing.

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. RCTC CORE OUTCOME(S)(pg) ADDRESSED:
- Communication
- Critical Thinking
- Global Awareness/Diversity
- Civic Responsibility
- Personal/Professional Accountability
- Aesthetic Response

H. SPECIAL INFORMATION (if any): None