

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. **Other requirements:** None
5. **MnTC Goals (if any):** NA

B. COURSE DESCRIPTION: This course covers a diagnosis, evaluation, adjustment, and repair of suspension systems and related automotive components.**C. DATE LAST REVISED (Month, year):** February, 2022**D. OUTLINE OF MAJOR CONTENT AREAS:**

1. Inspection, Evaluation, and Repair of Suspension Systems
2. Evaluation and Repair of Wheels and Tires
3. Four-wheel Alignments
4. Car and Light Truck Alignment Equipment

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

1. Inspect, evaluate, and repair suspension systems.
2. Properly repair of wheels, tires, and tire monitoring systems.
3. Perform four-wheel alignments on cars and light trucks.
4. Replacement and balancing of tires.
5. Repair and program tire monitor system components.

F. LEARNING OUTCOMES (MNTC): NA**G. METHODS FOR EVALUATION OF STUDENT LEARNING:** Methods may include but are not limited to:

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

H. RCTC CORE OUTCOME(S). This course contributes to meeting the following RCTC Core Outcome(s):
Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.**I. SPECIAL INFORMATION (if any):** None