COMMON COURSE OUTLINE: Course discipline/number/title: AMT 1725: Service and Electrical Lab

A. CATALOG DESCRIPTION
   1. Credits: 3
   2. Hours/Week: 6
   3. Prerequisites (Course discipline/number): None
   4. Co-requisites (Course discipline/number): AMT 1710, AMT 1720
   5. MnTC Goals (if any): NA

   This course covers the service, diagnosis and repair methods of general automotive maintenance and the automotive electrical systems including: starting and charging systems and electrical accessories.

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

C. OUTLINE OF MAJOR CONTENT AREAS:
   1. General Automotive Maintenance Steps
   2. Starting Systems
   3. Charging Systems
   4. Electrical Accessories
   5. Cooling Systems

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
   1. Perform maintenance and service steps.
   2. Diagnose/Repair cooling systems,
   3. Diagnose/Repair starting systems,
   4. Diagnose/Repair charging systems.
   5. Diagnose/Repair electrical accessories.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
   1. Shop projects
   2. Lab worksheets/assignments
   3. Individual and team assignments

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

H. SPECIAL INFORMATION (if any): None