

Anoka Technical College

AUTO 2164: Chassis Electrical Systems

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 1

Lab Hours/Week: 4

OJT Hours/Week: *.*

Prerequisites:

This course requires all three of these prerequisites

AUTO 1000 - Orientation and Safety

AUTO 1010 - General Automotive Service

AUTO 1167 - Vehicle Electronics

Corequisites: AUTO 2005 and AUTO 2005

MnTC Goals: None

This course emphasizes the description, operation, diagnosis, and service procedures related to chassis electrical systems. This includes vehicle lighting, instrumentation, windshield wipers and washers, power door locks, windows, and mirrors as well as passive restraint systems. Major vehicle accessories and body control module integration and operation will also be covered. Finally, electrical circuit repairs and the understanding and interpreting of electrical system service information and schematics will be addressed. (Prerequisites: AUTO 1000, AUTO 1010, and AUTO 1167)(1 credit lecture/2 credits lab)

B. COURSE EFFECTIVE DATES: 05/27/1998 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Test, diagnose, and service main vehicle electrical systems .
2. Test, diagnose, and service batteries.
3. Test, diagnose, and service various vehicle electrical accessories.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted