

Dakota County Technical College

AUTM 2141: Advanced Automotive Electronic Systems

A. COURSE DESCRIPTION

Credits: 5

Lecture Hours/Week: 1

Lab Hours/Week: 4

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course covers advanced automotive electrical, electronic, and HVAC system diagnostic and repair procedures using various types of tools and test equipment and reference materials available in Alldata, Mitchell and student textbook. Prerequisites: AUTM2100, AUTM2110, AUTM2115, and AUTM2136

B. COURSE EFFECTIVE DATES: 06/01/2010 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Complete repair orders to include customer information vehicle identifying information, customer concern, related service history, cause, and correction
2. Identify and demonstrate industry recognized shop safety procedures
3. Identify and demonstrate proper use of various automotive tools and equipment
4. Locate and interpret vehicle and major component identification numbers
5. Research applicable vehicle and service information, vehicle service history, service

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted