



Mendocino College

COURSE LEVEL STUDENT LEARNING OUTCOMES

Term Effective: (i.e. F2006)

S2008

Title: Automotive Electrical Systems **Discipline/Number:** AUT 162
(limit to 50 characters including spaces)

Instructor Stephen Fowler **Date Submitted** 12/6/07
Contact: _____ **/Modified:** _____

Units Min:	5.0	Units Max:	5.0	Lecture Hours:	3.0	Lab Hours:	6.0
<i>If this is a variable unit course, the relationship between earned units and any difference in expected SLOs should be explained.</i>							

Student Learning Outcomes:

1. Identify common automotive tools and their purpose, select the correct tool for the job at hand and use the tools and equipment in a safe and environmentally correct manner.
2. Locate service information from available sources, determine parts and labor charges and accurately fill out a repair order.
3. Explain the meaning and relationships of basic electrical measurements.
4. Trace circuits on a circuit diagram and utilize "common-point" diagnosis to isolate faults.
5. Describe the operating principles of modern auto starting, charging, ignition & accessory systems.
6. Perform basic service, diagnosis, & repair operations on typical auto electrical system units.

The above outcomes assessed through oral and written quizzes and demonstrated correct procedures in the laboratory.

Instructor(s):

(Signature)

(Date)

(Signature)

(Date)