



Mendocino College

COURSE LEVEL STUDENT LEARNING OUTCOMES

Term Effective: (i.e. F2006)

F2008

Title: Principles of High Performance **Discipline/Number:** AUT 60
(limit to 50 characters including spaces)

Instructor Contact: Stephen Fowler **Date Submitted /Modified:** 3/20/08

Units Min:	3.0	Units Max:	3.0	Lecture Hours:	2.0	Lab Hours:	4.0
<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. Understand the relationships of cam, valves, ports and manifolds in the performance of an engine.
2. Identify and safely use automotive tools and testing devices for increasing performance
3. Locate key engine blueprinting information in factory literature.
4. Explain the pros and cons of engine modification programs and perform simple modifications.
5. Explain typical power train and chassis modifications and their impact on overall vehicle performance.

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

Instructor(s): _____
(Signature)

(Date)
