



Mendocino College

COURSE LEVEL STUDENT LEARNING OUTCOMES

Term Effective:	Spring	2008
	Semester	Year

Title:
(limit to 50 characters including spaces)

Course Number:

Initiator:

Date Submitted:

Units Min:

If this is a variable unit course, then the relationship between units and any difference in expected SLO's should be explained.

Units Max:

Lecture Hours:

Lab Hours:

Activity Hours:

Student Learning Outcomes: *(Enter the SLO's in an outline format. Use the Ctrl + Tab keys to indent for subtopics.)*

- Comprehend the geometric foundations of trigonometric, circular, and inverse trigonometric functions.
- Understand, distinguish, and reproduce the periodic behaviors and characteristics of the trigonometric functions.
- Formulate and execute a strategy to solve problems involving triangles, including selecting and applying formulas appropriate to each.
- Analyze the coefficients in an explicit trigonometric expression and deduce the graphical characteristics that each produces.
- Model physical applications that are sinusoidal in behavior.
- Perform algebraic modifications/simplifications of trigonometric expressions using suitable fundamental identities.

SIGNATURES / APPROVALS:

Instructor(s)

Signature

Date

Instructor(s)

Signature

Date