Mendocino College
COURSE LEVEL STUDENT LEARNING OUTCOMES

Effective Date: 9/13/07

Title: Introduction to Oceanography **Discipline/Number:** BIO 242
(limit to 50 characters including spaces)

Instructor Contact: Alan West **Date Submitted /Modified:** 8/23/07

Units Min:	3.0	Units Max:	3.0	Lecture Hours:	51.0	Lab Hours:	
If this is a variable unit course, the relationship between earned units and any difference in expected SLOs should be explained.							

Student Learning Outcomes:

Upon completion of this course, the student will be able to:

1. analyze and interpret scientific data and conclusions using the scientific method of problem solving.
2. understand major geological, chemical, physical and biological processes of the ocean.
3. outline the mechanisms of photosynthesis and chemosynthesis.
4. understand critical environmental issues of the biosphere including accelerated extinction, stability of ecosystems and energy flow.
5. understand the importance of the ocean to the earth's geological, chemical, physical and biological systems.

Assessment Methods

1. Embedded test questions that directly relate to the SLOs.
2. Evaluation of take-home assignments.

Instructor(s):

(Signature) *(Date)*

(Signature) *(Date)*