



Mendocino College

COURSE LEVEL STUDENT LEARNING OUTCOMES

Effective Date:

9/13/07

Title: Biology of Marine Mammals **Discipline/Number:** BIO 243
(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:	
<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:

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

1. analyze and interpret scientific experiments and field studies using the scientific method of problem solving.
2. understand major metabolic processes(e.g. cell respiration, feeding, digestion, gas exchange, transport systems, diving physiology, homeostasis, reproduction and osmotic balance) in marine mammals.
3. understand the specialized sensory adaptations in marine mammals
4. understand critical environmental issues of the biosphere including accelerated extinction, stability of ecosystems and energy flow.
5. understand the phylogeny of the major groups of marine mammals.
6. understand the social organization and behavior of marine mammals.

Assessment Methods

1. Embedded test questions that directly relate to the SLOs. These questions would address both lecture and laboratory topics.
2. Evaluation of take-home assignments.
3. Evaluation of students research projects and class presentations.

Instructor(s): _____

 (Signature) (Signature)

(Date) (Date)