



# Mendocino College

COURSE LEVEL STUDENT LEARNING OUTCOMES

Effective Date: \_\_\_\_\_

9/13/07

Title: Concepts of Biology  
*(limit to 50 characters including spaces)*

Discipline/Number: BIO 200

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 data and conclusions using the scientific method of problem solving.
2. understand major metabolic processes(e.g. cell respiration, photosynthesis, gas exchange, transport systems, homeostasis, reproduction, development and protein synthesis.
3. outline the mechanisms of enzymes and ATP in cellular functions.
4. understand critical environmental issues of the biosphere including accelerated extinction, stability of ecosystems and energy flow.

### Assessment Methods

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

Instructor(s): \_\_\_\_\_  
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*(Signature)* \_\_\_\_\_  
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