



Mendocino College

PROGRAM LEVEL STUDENT LEARNING OUTCOMES

Term Effective:	Spring	2009
	Semester	Year

Program Title:

(limit to 50 characters including spaces)

Initiator:

Date Submitted:

Degree:

Certificate:

Units:

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

Earth Science is a broad field offering numerous opportunities to work on practical problems that are important for our modern society. The AS degree in Earth Science at Mendocino College reflects this breadth, offering a suite of courses to prepare students with a level of rigor that matches the needs of 4-year transfer institutions as well as modern jobs that require sound technical background.

After completing requirements for an AS in Earth Science, students will

- 1) have a working knowledge of differential calculus as demonstrated by satisfactory completion of SLOs for first semester calculus class;
- 2) have a working knowledge of statistics as demonstrated by satisfactory completion of SLOs for mathematical statistics class;
- 3) have a working knowledge of physical chemistry as demonstrated by satisfactory completion of SLOs for first semester physical chemistry class;
- 4) have a working knowledge of the basic concepts and applications in geology and related physical science fields where the use of calculus, statistics and chemistry are key to solving important problems, as demonstrated by satisfactory completion of SLOs for their earth science coursework.

SIGNATURES / APPROVALS:

Instructor(s) _____
Signature Date

Instructor(s) _____
Signature Date