



# Mendocino College

COURSE LEVEL STUDENT LEARNING OUTCOMES

Term Effective: (i.e. F2006)

S2008

**Title:** Earthquake Country **Discipline/Number:** GEL 100  
*(limit to 50 characters including spaces)*

**Instructor Contact:** Steve Cardimona **Date Submitted /Modified:** 9/10/07

Units Min:	2	Units Max:	2	Lecture Hours:	2	Lab Hours:	0
<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:

1. Students will be able to identify, define, explain and distinguish between basic geologic and seismologic terminology and concepts relative to plate tectonics and basic mechanisms of seismology as measured by objective quizzes and exams, class assignments, projects and/or class discussions.
2. Students will be able to apply scientific principals to examine basic seismographic data, fault mapping techniques and the laws applied to these geologic principals as measured by participation during field trips and assessment of specific class assignments related to earthquake hazard planning.
3. Students will be able to synthesize their geologic and seismologic knowledge to organize and integrate the appropriate information to design specific preparedness plans for different earthquake scenarios in their local community in terms of infrastructure issues and immediate hazards awareness, as measured by evaluation of student understanding from reading assignments, test results and assessment of class projects.

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

\_\_\_\_\_ (Date)  
 \_\_\_\_\_ (Date)

