GEOL 199 - Independent Study in Geology Course Outline

Approval Date: 05/14/1996
Effective Date: 01/01/1986

SECTION A

Unique ID Number	CCC000283379
Discipline(s)	
Division	Science and Engineering
Subject Area	Geology
Subject Code	GEOL
Course Number	199
Course Title	Independent Study in Geology
TOP Code/SAM Code	1914.00 - Geology/Earth Science, General / -
Rationale for adding this course to the curriculum	typos corrected for catal
Units	1 – 3
Cross List	*N/A*
Typical Course Weeks	

Total Instructional Hours

	Contact Hours
Lecture	0.00 to 0.00
Lab	54.00 to 162.00
Activity	0.00 to 0.00
Work Experience	0.00 to 0.00
Outside of Class Hours	0.00 to 0.00

Total Contact Hours	54 to 162
Total Student Hours	0.00 to 0.00
Open Entry/Open Exit	No
Maximum Enrollment	
Grading Option	Letter Grade Only
Distance Education Mode of Instruction	

SECTION B

General Education Information:

SECTION C

Course Description

Repeatability May be repeated 0 times

Catalog Description An opportunity to study any area of Geology of special interest to the student. The matieral may include continuation of knowledge and projects begun in other Geology courses or geological studies not normally included in formal course work.

Schedule Description

SECTION D

Condition on Enrollment

1a. Prerequisite(s)

- One college level geology course
- submission of a written proposal to be reviewed by two regular science/engineering faculty members.

1b. Corequisite(s): *None*

1c. Recommended: *None*

1d. Limitation on Enrollment: *None*

SECTION E

Course Outline Information

1. Student Learning Outcomes:

2. Course Objectives: Upon completion of this course, the student will be able to:

A. The student will develop interest in an area by selecting and investigating a specific geologic topic.
B. The student will demonstrate knowledge gained about the selected topic and/or technical skill by consultation with the instructor.
C. For repeatable credit, the student must demonstrate progress in selected topic and select a different topic.
D.

3. Course Content

Dependent on individual student interest and approved written proposal. For example:

A. Research paper on engineering geology problems within the Napa Valley.
B. Collection and identification of rock types within a geological system in Napa Valley.
C. Development of Technical skills to prepare microscope thin sections.
D. Design and development of a relevant experiment or a series of experiments demonstrating the scientific method.
E. Prepare a research paper or seminar on a geological/ environmental topic, for example: hydrologic flow regimes.
F.

4. Methods of Instruction:

5. Methods of Evaluation: Describe the general types of evaluations for this course and provide at least two, specific examples.

Additional assessment information:

Term paper

Letter Grade Only

6. Assignments: State the general types of assignments for this course under the following categories and provide at least two specific examples for each section.

A. Reading Assignments
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B. Writing Assignments
   1. One hour/week per unit on campus-individual work.
   2. Average of at least 20 minutes/week student-teacher consultation.
   3. At least two hours/week per unit field or laboratory work.
C. Other Assignments
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7. Required Materials

A. EXAMPLES of typical college-level textbooks (for degree-applicable courses) or other print materials.

B. Other required materials/supplies.