

**GEOL 199 -**

**General Education Information:**

**SECTION C**

**Course Description**

**Repeatability** May be repeated 0 times

**Catalog** An opportunity to study any area of Geology of special interest to the student.

**Description** The material 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.**