

Physical Geology: Lecture and Lab, 4 units

Sections 47500 (Th. Lab, 12:30PM) and 47501 (Th. Lab 9:20AM)
M-W Lecture 10:55AM – 12:20PM both sections

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Office Hours:
Mon. 8-9AM and 4-5:30 PM
Tues. 12:30-1:15 PM

Lecture/Lab Text: Owen, Pirie, Draper, **Earth Lab**, 2nd edition, Thomson Brooks/Cole.

Geology 1A: This is a four-unit, lecture/lab course in physical geology. We will focus primarily of the physical aspects of the Earth: minerals, rocks, plate tectonics, geologic structures, geologic time, earthquakes, water cycle, and mass wasting.

Lab: Each week I will introduce the lab for the following week. Each lab will have a pre-lab questionnaire that will cover the text in the lab manual. This questionnaire is due at the beginning of each lab session.

Student Attendance Policy and Missed Work (WVC Catalog, p. 182): Students are expected to attend all sessions of each class. Instructors may drop students from the class when accumulated *unexcused* hours of absences exceed ten percent of the total number of hours the class meets during the semester (3 lectures, 1 lab).

I do allow make-ups for missed Exams, but not for missed quizzes or labs. In other words, **no make-up work on missed labs or quizzes**. Last day to drop the course is November 17.

Policy on Academic Dishonesty (WVC Catalog, p. 182): The College's policy on academic dishonesty covers in-class cheating, out-of-class cheating, plagiarism, and furnishing false information. Anyone caught cheating will fail the assignment and have their name reported to the Academic Dean of Students.

Examinations: We will have *four lecture exams* (including the final). Each exam will cover material presented in the preceding weeks. No exam is comprehensive. We will have several quizzes both in lab and in lecture. I will announce when the quizzes will be given. You will need a SCANTON, Form NO. 882-E (50 questions on a side).

Tentative Points Breakdown:

| | |
|--------------------------------------|-----------------------|
| 600 points, 4 Exams | 90 – 100 = A |
| 150 points, 10 Quizzes | 80 – 89 = B |
| 300 points, 14 Lab Exercises | 65 – 75 = C |
| <u>100 points, Field Trip Report</u> | 55 – 64 = D; < 55 = F |
| 1150 Total Points | |

Field Trips:**Point Lobos Field Trip:**

Two dates, Thursday, October 19 and Friday, October 20. Each trip is identical, so sign up for one. This is a mandatory trip. If you cannot attend this trip, you can write a 10-page research paper. We will meet at West Valley College and travel by carpool.

Alum Rock: This trip will be held during the lab period on the first week of November. We will acquire data on spring water chemistry and structural geology. For both labs, we will meet in the classroom and then travel by carpool to Alum Rock.

Materials Needed for Lab:

Pencils

Colored Pencils

Calculator

Protractor

Ruler (cm/in), 10 scale