

Earth Sciences 5L: California Geology Laboratory Summer Session 2 2024

Time/Location: Tuesday/Thursday 1-4:30 pm; Earth & Marine Sciences D226

TA: Emily Piper; ekpiper@ucsc.edu, Office hours: Monday 1-2pm and Wednesday 3:30-4:30 pm in EMS D226

Required Text (either the on-line or physical textbook is fine!): Laboratory Manual in Physical Geology; 11th edition, American Geosciences Institute; Pearson.

Specific weekly reading assignments and the lab assignment will be posted on the Canvas site for your EART 5L section.

Completed labs are due ONE WEEK from their assigned date. If you are having trouble completing the lab, talk to Emily as soon as you can.

Late Policy: 10% will be deducted from your grade for each day your lab assignment is turned in late.

Lab Schedule:

LAB 1 (Thursday August 1): Chapter 3 Minerals

LAB 2 (Tuesday August 6): Chapter 5/6: Igneous Rocks/Sed Rocks

LAB 3 (Thursday August 8): Chapter 6/7: Sed Rocks/Metamorphic Rocks

LAB 4 (Tuesday August 13): Chapter 9: Topographic Maps

LAB 5 (Thursday August 15): Chapter 10 Geologic Structures, Maps and Block Diagrams

LAB 6 (Tuesday August 20): Chapter 16: Earthquakes

LAB 7 (Thursday August 22): Chapter 12 : Groundwater

LAB 8 (Tuesday August 27): Chapter 15: Coastal Processes