

GEL 20 - Geology of California - Winter 2019

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Office: Earth & Physical Sciences Bldg., room 3224

Office Hours: Monday 2:00-3:00 & Tuesday 2:30-3:30, or briefly right after class

Please read the GEL20 Canvas site closely for more detail on the course.

This syllabus will very likely evolve as we move through the quarter. I'll spend less time on some topics and more time on others. But we'll cover it all, regardless.

<u>Date</u>	<u>Lecture Topic</u>
Jan. 8	Introduction, Tour of California's Geologic Provinces
Jan. 10-15	Cascades Province; Volcanic Processes
Jan. 17-22	Plate Tectonics & Cascades
Jan. 24 – Quiz 1 (15 questions over 20 min.) (<i>bring Scantron 2000</i>)	
Jan. 24-31	Basin & Range Province; Geologic Time; Sedimentary Processes
Feb. 5-12	Sierra Nevada Province; Lake Tahoe; accreted terranes; Klamath Mtns.
Feb. 14 – Quiz 2 (15 questions over 20 min.) (<i>bring Scantron 2000</i>)	
Feb. 14-21	Gold, Glaciers & Ice Ages
Feb. 26	Great Valley Province
Feb. 28-Mar. 7	Coast Ranges; San Andreas Fault; Southern California
March 7 – Quiz 3 (15 questions over 20 min.) (<i>bring Scantron 2000</i>)	
Mar. 12-14	California coastline: Evolution of California through time
March 18 – Monday, 1:00-3:00 – Final exam (<i>bring Scantron 2000</i>)	
- <i>comprehensive, covers 1/8 through 3/14</i>	
- <i>in our classroom, 1309 The Grove (Surge III)</i>	