

Lecture syllabus - GEL 1: The Earth – Spring 2021

- taught entirely online via Canvas & Zoom

Dr. David Osleger daosleger@ucdavis.edu

Student office hours with Dave: held using Zoom on Canvas

Monday 2:00-3:00 - individual student visits to chat and ask questions

Tuesday 1:00-2:00 – Q&A on specific questions submitted by students live and via email

We'll try to stay as close to this schedule as possible but be ready for evolving dates and topics (except for quizzes and exams, of course).

Please read and understand the GEL1 Canvas site.

Week of:	Lecture Topic:	Textbook sections
3/29 – 4/5	Introduction; How Planets Form; Inside the Earth; Early Earth	1.3, 1.6-1.8
4/7 - 4/12	Plate Tectonics: Mapping the Seafloor & Divergent Boundaries <i>(Quiz 1 available 4/7)</i>	2.1, 2.3, 9.1, 2.5, 9.3, 9.4
4/14 – 4/21	Plate Tectonics: Convergent & Transform Boundaries <i>(Quiz 2 available 4/14) (Quiz 3 available 4/21)</i>	2.4, 9.5, 9.6, 9.7, 9.8
4/23 - 4/28	Minerals & Rocks	3.2, 3.6, 3.7
4/30	Midterm <i>(50 minutes, taken online)</i>	
5/3 - 5/5	Volcanism	4.6-4.7
5/7 – 5/14	Earthquakes & Tsunami <i>(Quiz 4 available 5/12)</i>	11.1-11.5
5/17 - 5/21	Sedimentation & Deep Time; Age-dating <i>(Quiz 5 available 5/19)</i>	6.1, 6.2, 6.4, 6.5, 8.1, 8.3-8.4, 8.6-8.8
5/24	Energy Resources	19.1, 19.2, 19.3
5/31	Memorial Day – no class	
5/26 - 6/2	Glaciers, Ice Ages, & Climate Change <i>(Quiz 6 available 5/26)</i>	15.1, 15.4, 20.1-20.5, 20.8
Thurs. 6/10	Final Exam – 6:00 -8:00 <i>(comprehensive, taken online)</i>	