

Lecture syllabus - GEL 1: The Earth – Spring 2020
- taught entirely online via Canvas & either Zoom or Live Room

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Dept. of Earth and Planetary Sciences

Office Hours: Monday 2:00-3:00 & Tuesday 1:00-2:00

- office hours will be held using *Zoom* or *Live Room* on Canvas

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

Read the textbook strategically – I'll give you tips and suggestions about how to use the book in class. The specific sections to read in the textbook may evolve as the quarter progresses.

Check the online notes I provide for the updated and accurate sections in the textbook, listed toward the top of each set of notes.

Please read and understand the GEL1 Canvas site.

Week of:	Lecture Topic:	Textbook sections
3/30 – 4/3	Introduction; How Planets Form; Inside the Earth	1.3, 1.6-1.8
4/6 - 4/10	Plate Tectonics: Mapping the Seafloor & Divergent Boundaries	2.1, 2.3, 9.1, 2.5, 9.3, 9.4
4/13 – 4/15	Plate Tectonics: Convergent & Transform Boundaries	2.4, 9.5, 9.6, 9.7, 9.8
4/17	Midterm 1 (50 minutes, taken online)	
4/20 - 4/24	Minerals & Rocks	3.2, 3.6, 3.7
4/27– 4/29	Deep Beneath Volcanoes	4.1, 4.2, 4.3, 9.2
5/1 - 5/6	Volcanism	4.6-4.7
5/8	begin Earthquakes	11.1-11.5
5/11	Midterm 2 (50 minutes, taken online)	
5/13 – 5/18	Earthquakes continued . . .	11.1-11.5
5/20 - 5/22	Sedimentation; Deep Time; Age-dating	6.1, 6.2, 6.4, 6.5, 8.1, 8.3-8.4, 8.6-8.8
5/27	Energy Resources: The Age of Oil	19.1, 19.2, 19.3
5/29 - 6/3	Glaciers, Ice Ages, & Climate Change	15.1, 15.4, 20.1-20.5, 20.8
Fri. 6/5	Final Exam – 10:30-12:30 (comprehensive, taken online)	