

ES486 WINTER 2021 TENTATIVE CLASS SCHEDULE: This outline should be considered tentative at best. The following schedule may be modified as class ideas evolve throughout the term. Readings are from Selley textbook, Elements of Petroleum Geology or as otherwise noted. **DRAFT 1 UPDATED JAN. 3, 2021**

Week	Dates	Class Content	Assignment Topics	Reading
1	Jan. 4-10	Class Policies / Introduction	Intro Quantitative Methods Review of Sed. Rocks	Ch. 1
		Virtual Zoom Class Begins Tuesday Jan. 5, 2-4 PM		
2	Jan.11-17	Properties of Oil and Natural Gas	Sedimentary Environments	Ch. 2
		Week 1 Assignments Due for Moodle Upload by Monday January 11, 11 PM		
		Virtual Zoom Class Tuesday Jan. 12, 2-4 PM		
3	Jan. 18-24	Environments / Petroleum Generation	Fluid and Rock Properties	Ch. 4-5
		Week 2 Assignments Due for Moodle Upload by Monday January 18, 11 PM		
		Virtual Zoom Class Tuesday Jan. 19, 2-4 PM		
4	Jan. 25-31	Principles of Fluid Flow and Migration	Lithologic Analysis	Ch. 5
		Week 3 Assignments Due for Moodle Upload by Monday January 25, 11 PM		
		Virtual Zoom Class Tuesday Jan. 26, 2-4 PM		
5	Feb. 1-7	Reservoir Properties	Stratigraphic Principles	Ch. 6
		Week 4 Assignments Due for Moodle Upload by Monday February 1, 11 PM		
		Virtual Zoom Class Tuesday Feb. 2, 2-4 PM		
6	Feb. 8-14	Petroleum Traps and Seals	Well Log Analysis	Ch. 7
		Week 5 Assignments Due for Moodle Upload by Monday February 8, 11 PM		
		Virtual Zoom Class Tuesday Feb. 9, 2-4 PM		
		Exam 1 – Thursday Feb. 11		
7	Feb. 15-21	Methods of Exploration	Well Log Analysis	Ch. 3
		Week 6 Assignments Due for Moodle Upload by Monday February 15, 11 PM		
		Virtual Zoom Class Tuesday Feb. 16, 2-4 PM		
8	Feb. 22-28	Well Development and Production	Structural Analysis	Instructor Readings
		Week 7 Assignments Due for Moodle Upload by Monday February 22, 11 PM		
		Virtual Zoom Class Tuesday Feb. 23, 2-4 PM		
9	March 1-7	Petroleum Systems / Sed. Basins	Basin Analysis	Ch. 8
		Week 8 Assignments Due for Moodle Upload by Monday March 1, 11 PM		
		Virtual Zoom Class Tuesday March 2, 2-4 PM		
10	March 8-14	Case Studies / Regional Analysis	Student Presentations	Ch. 8-9; Instructor Readings
		Week 9 Assignments Due for Moodle Upload by Monday March 8, 11 PM		
		Virtual Zoom Class Tuesday March 9, 2-4 PM		
11	March 15-19	<i>Finals Week (check schedule)</i>		
		Week 10 Assignments Due for Moodle Upload by Monday March 15, 11 PM		
		Virtual Zoom Class Tuesday March 16, 2-4 PM		
		Final Exam – Thursday March 18		