

**ES104 SUMMER 2024**

**TENTATIVE COURSE SCHEDULE:** This outline should be considered tentative at best. The following schedule may be modified as class ideas evolve throughout the term. Text reading assignments are from the "Earth Science" Resource Text (provided by instructor on class web site).

Learning Module	Class Week	Class Content	Reading Assignment	Lab Topic	Canvas Practice Quizzes
1	Week 1 June 24-30	Intro to Earth Systems Earth Overview	Chapter 1	Models & Systems	Practice Quiz 1 Introduction
2	Week 1 June 24-30	Earth-Sun Solar System	Chapter 22	Solar System	Practice Quiz 2 Earth Solar System
<b>Optional Zoom Class Meeting Tuesday June 25, 2024, 5:00-6:00 PM</b>					
<b>Week 1 Assignments Due for Canvas Upload by 11 PM on Monday July 1, 2024 Canvas Quiz 1 Monday July 1, 2024 (Drop In Between 8 AM and 11 PM, 1-hour time limit)</b>					
3	Week 2 July 1-7	Plate Tectonic Theory	Chapter 7	Plate Tectonics	Practice Quiz 3 Plate Tectonics
3	Week 2 July 1-7	Plate Dynamics	Chapter 7		
<b>Optional Zoom Class Meeting Tuesday July 2, 2024, 5:00-6:00 PM</b>					
<b>Week 2 Assignments Due for Canvas Upload by 11 PM on Monday July 8, 2024 Canvas Quiz 2 Monday July 8, 2024 (Drop In Between 8 AM and 11 PM, 1-hour time limit)</b>					
4	Week 3 July 8-14	Earthquakes	Chapter 8	Earthquakes	Practice Quiz 4 Earthquakes
5	Week 3 July 8-14	Volcanoes	Chapter 9	Volcanism	Practice Quiz 5 Volcanoes
<b>Optional Zoom Class Meeting Tuesday July 9, 2024, 5:00-6:00 PM</b>					
<b>Week 3 Assignments Due for Canvas Upload by 11 PM on Monday July 15, 2024 Canvas Quiz 3 Monday July 15, 2024 (Drop In Between 8 AM and 11 PM, 1-hour time limit)</b>					
6	Week 4 July 15-22	Minerals	Chapter 2	Minerals	Practice Quiz 6 Minerals
7	Week 4 July 15-22	Igneous Rocks	Chapter 3	Rocks	Practice Quiz 7 Igneous Rocks
<b>Optional Zoom Class Meeting Tuesday July 16, 2024, 5:00-6:00 PM</b>					
<b>Week 4 Assignments Due for Canvas Upload by 11 PM on Monday July 22, 2024</b>					
<b>Final Exam Monday July 22, 2024 (Drop in Between 8 AM and 11 PM, 2-hour time limit once exam is started)</b>					
<b>NOTE: ALL FINAL ASSIGNMENTS DUE FOR CANVAS SUBMISSION BY MONDAY JULY 22, 2024, 11 PM</b>					

**ES104 LAB AND CLASS ASSIGNMENT SCHEDULE Summer 2024:** This outline should be considered tentative at best. The following schedule may be modified as class ideas evolve throughout the summer session.

Class/Week	Dates	Lab Topics	Lab Exercises / Instructions
Week 1	June 24-June 30, 2024	Lab 1 Models & Systems	Do not Complete Pre-Lab (p. 1) Do not Complete Part A Do not complete p. 5, p. 7 Do not complete Part B. Activity 1 Do not Complete Part B, Activity 2 Do Not Complete Post-Lab Assessment
Week 1	June 24-June 30, 2024	Lab 2 Solar System	Complete Pre-Lab (p. 1.2) Do Not Complete Part A (p. 1.3-1.4) Complete Part B (p.1.6-1.8) Complete Part C (p.1.8-1.9) Complete Post-Lab Assessment(p.1.10)

**ALL WEEK 1 ASSIGNMENTS DUE FOR CANVAS UPLOAD BY MONDAY JULY 1, 2024 11 PM**

Week 2	July 1-July 7, 2024	Lab 3 Plate Tectonics	Complete Pre-Lab (p. 1.2) Complete Parts A, and B (p. 1.3-1.6) Do not Complete Part C (p. 1.7-1.8) Do Not Complete Post-Lab Assessment
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**ALL WEEK 2 ASSIGNMENTS DUE FOR CANVAS UPLOAD BY MONDAY JULY 8, 2024 11 PM**

Week 3	July 8-July 14, 2024	Lab 4 Earthquakes	Complete Pre-Lab (p. 1.2) Do Not Complete Parts A, B, C, and D Do Not Complete Post-Lab Assessment
Week 3	July 8-July 14, 2024	Lab 5 Volcanism	Complete Pre-Lab (p. 1.2) Complete Parts A (p. 1.3) and B (p. 1.6) Do Not Complete Part C (p. 8.7-8.8) Do Not Complete Post-Lab Assessment

**ALL WEEK 3 ASSIGNMENTS DUE FOR CANVAS UPLOAD BY MONDAY JULY 15, 2024 11 PM**

Week 4	July 15-July 22, 2024	Lab 6 Minerals (TBD)	Complete Pre-Lab (p. 1.2) Do Not Complete Parts A and B Do Not Complete Post-Lab Assessment <del>Additional virtual exercises TBD</del>
Week 4	July 15-July 22, 2024	Lab 7 Igneous Rocks (TBD)	Complete Pre-Lab (p. 1.2) Do Not Complete Parts A and B Do Not Complete Post-Lab Assessment <del>Additional virtual exercises TBD</del>

**ALL WEEK 4 ASSIGNMENTS DUE FOR CANVAS UPLOAD BY MONDAY JULY 22, 2024 11 PM**