

EARTH SCIENCE
Geography 1710.005 - Fall 2024
Lecture, Quiz and Exam Schedule

DATE	TOPICS
Aug. 20	1. Introduction; course organization; what is earth science? No quiz.
22	2. The science in earth science; location on Earth; latitude and longitude; quiz 1.
27	3. Topographic maps; Geographic Information Systems; quiz 2.
29	4. Earth-Sun relations; quiz 3.
Sept. 3	5. Seasons; quiz 4.
5	6. Introduction to the atmosphere; quiz 5.
10	7. Solar energy and temperature I; quiz 6.
12	EXAM 1
17	8. Solar energy and temperature II; quiz 7.
19	9. Atmospheric pressure and winds; quiz 8.
24	10. Winds and ocean currents; quiz 9.
26	11. Atmospheric moisture and humidity; quiz 10.
Oct. 1	12. Atmospheric moisture and stability; quiz 11.
3	13. Air masses, fronts and storms; quiz 12.
8	EXAM 2
10	14. Climatic regions; quiz 13.
15	15. Minerals and rocks I; igneous rocks; quiz 14.
17	16. Minerals and rocks II; sedimentary and metamorphic rocks; quiz 15.
22	17. Plate tectonics; quiz 16.
24	18. Weathering and mass wasting; quiz 17.
29	19. River landscapes; quiz 18.
31	EXAM 3
Nov. 5	20. Desert landscapes; quiz 19.
7	21. Coastal landscapes; quiz 20.
12	22. Soil formation; soil properties; quiz 21.
14	23. Geology, climate, soils, vegetation and topography in North Texas; quiz 22
19	24. Physical geography and society I: global warming; quiz 23.
21	25. Physical geography and society II: urban impacts; quiz 24.
25-30	THANKSGIVING – no classes
Dec 3	26. Physical geography and society III: TBD; quiz 25.
5	27. Review, Q&A session, Quiz 25 returned (optional).
10	FINAL EXAM , Tuesday DEC 10, 10.30 – 12.30.