

# INTRODUCTION TO EARTH SCIENCE COURSE OUTLINE

GLY 1010, Monday, 1825-2105, OE-134

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Text: Earth, An Introduction to Physical Geology; Tarbuck and Lutgens, 9<sup>TH</sup> Ed.

Exams: 3 total, 2 midterms and final (100 points each)

- 24 August: Course Introduction  
Chapter 1, Introduction to Geology
- 31 August: Chapter 2, Plate Tectonics
- 7 September: Labor Day, No Class
- 14 September: Chapter 3, Matter and Minerals  
Chapter 4, Igneous Rocks
- 21 September: Chapter 5, Volcanoes  
Chapter 6, Weathering and Soil
- 28 September: Chapter 7, Sedimentary Rocks  
Chapter 8, Metamorphism and Metamorphic Rocks
- 5 October: Chapter 9, Geologic Time  
Midterm # 1, Chapters 1 thru 8
- 12 October: Chapter 10, Crustal Deformation  
Chapter 11, Earthquakes
- 19 October: Chapter 12, Earth's Interior  
Chapter 13, Divergent Boundaries: Ocean Floor
- 26 October: Chapter 14, Convergent Boundaries: Mountains  
Chapter 15, Mass Wasting
- 2 November: Chapter 16, Running Water  
Chapter 17, Groundwater
- 9 November: Chapter 18, Glaciers and Glaciation  
Midterm # 2, Chapters 9 thru 16
- 16 November: Chapter 19, Deserts and Winds  
Chapter 20, Shorelines

23 November: Chapter 21, Global Climate Change  
Chapter 22, Earth's Evolution thru Geologic Time

30 November: Chapter 23, Energy and Mineral Resources  
Chapter 24, Planetary Geology

7 December: Final, Chapters 17 thru 24, (subject to change) 1825-2105