

**Earth and Space Science: SCI-205 Section 01. Fall 2004**

**Instructor: Dr. Ezat Heydari (979-4230)**

Office Hours: Tuesdays 9-12, or by Appointment

E-Mail: [ezat.heydari@ccaix.jsums.edu](mailto:ezat.heydari@ccaix.jsums.edu)

Text: Earth Science, by Tarbuck and Lutgens, 10<sup>th</sup> Edition

Aug. 23	Introduction: Scope of the Course	Introduction
Aug. 25	Minerals Building Block of Rocks	Chapter 1
Aug. 30	Minerals: Building Block of Rocks	Chapter 1
Sept. 01	Lab 1: Minerals Characteristics	
<b>Sept. 06</b>	<b>Holiday: Labor Day</b>	<b>No Class</b>
Sept. 08	Lab 2: Mineral, Silicates	
Sept. 13	Rocks: Materials of the Lithosphere	Chapter 2
Sept. 15	Lab 3: Non-silicates	
Sept. 20	Rocks: Material of the Lithosphere	Chapter 3
Sept. 22	Lab 4: Igneous Rocks	
Sept. 27	Weathering, Soil, and Mass Wasting	Chapter 3
Sept. 29	Lab 5: Sedimentary Rocks	
Oct. 04	Earthquakes	Chapter 6
Oct. 06	Lab 6: Metamorphic Rocks	
Oct. 11	Plate Tectonics	Chapter 7
Oct. 13	Review Session	
<b>Oct. 18</b>	<b>Midterm Lecture Exam</b>	<b>Chapters 1, 2, 3, 6, 7</b>
<b>Oct. 20</b>	<b>Midterm Lab Exam</b>	<b>Minerals and Rocks</b>
Oct. 25	Geologic Time	Chapter 10
Oct. 27	Lab 7: Topographic Maps, Introduction	
Nov. 01	Ocean Floor	Chapter 12
Oct. 03	Lab 8: Topographic Maps	
<b>Nov. 08</b>	<b>Special Project</b>	
<b>Nov. 10</b>	<b>Special Project</b>	
Nov. 15	Ocean water and Dynamics	Chapters 13, 14
Nov. 17	Lab 9: Topographic Maps	
<b>Nov. 22</b>	<b>Fall Break</b>	<b>No Class</b>
<b>Nov. 24</b>	<b>Fall Break</b>	<b>No Class</b>
Nov. 29	Atmosphere, Composition, Structure	Chapter 15
Dec. 01	Lab 10: Topographic Maps	

Dec. 06      Presentations  
Dec. 08      Presentations

**Final Exam: Thursday Dec. 16, 2 – 4 pm. Lectures: Chapters 10, 12, 13, 14, 15, 20.  
Labs: 7-10, Topographic Maps)**