

HONS 2080H: Honors Science - Spring 2013

Instructor: Dr. R. P. Freeman-Lynde **Phone:** 542-2391 (UGA), 354-1699 (home)
Office: Room 145 **E-mail:** VIA ELC
Office Hours: 9:00-10:30 a.m. Monday-Friday and by appointment
Text: **The Good Earth: Introduction to Earth Science** by McConnell, Steer, Knight and Owens (2010, Second edition)

The course syllabus is a general plan for the course; deviations will be announced to the class.

Attendance. The following is from the University of Georgia Bulletin:

"Students are expected to attend class regularly. A student who incurs an excessive number of absences may be withdrawn (WF) from a class at the discretion of the professor."

Attendance is essential. Please make every effort to attend all classes.

Academic Honesty. The following is UGA's Honor Code from the University of Georgia Bulletin:

"I will be academically honest in all of my academic work and will not tolerate academic dishonesty of others."

Academic honesty means performing all academic work without plagiarism, cheating, lying, tampering, stealing, receiving unauthorized or illegitimate assistance from any other person, or using any source of information that is not common knowledge.

Incidents of academic dishonesty in this class will be reported to the VP for Instruction.

Course Grade: The geology and biology portions of the class will each count for 45% of your course grade, with 10% based on a writing assignment dealing with the field trip to Cloudland Canyon and environs. The 45% of the geology will be apportioned as follows:

Comprehensive Exam (take home)	25%	(55.56%)
3 Biweekly Quizzes	10%	(22.22%)
Lab Exercises	<u>10%</u>	<u>(22.22%)</u>
	45%	(100.00%)

Course Strategy: It is highly recommended that you read the assigned material in the text and my notes in advance of the lectures.

Assignment. Learn the geologic time scale (eLC and pages 222 and 223), including the names of the eons, eras, periods & epochs, and the times for the beginning & end of the eons & eras, for all quizzes and exams.

Lecture Topic	Text Reading:	Dates
<u>Rocks and Minerals:</u>	Chapter 7	January 7 - 18 ¹
<u>MINERALS LAB:</u>	-	January 8
<u>IGNEOUS ROCKS LAB:</u>	-	January 15
<u>SEDIMENTARY AND METAMORPHIC ROCKS LABS:</u>	-	January 22
<u>Plate Tectonics:</u>	Chapter 4	January 23 - 29
<u>Earthquakes:</u>	Chapter 5	January 30 - February 5
<u>Volcanoes and Other Mountains:</u>	Chapter 6	February 5 - 8
<u>Oceans and Coastlines:</u>	Chapter 13	February 11 - 12
<u>Earth's Climate System:</u>	Chapter 16	February 13 - 18
<u>Geologic Time:</u>	Chapter 8	February 19 - 25
<u>FOSSILS AND GEOLOGIC TIME LAB:</u>	-	February 19
<u>Origins Lectures:</u>	-	February 26 - March 1

¹ The Martin Luther King, Jr., break is Monday, January 21.