

COURSE OUTLINE

Geology 101 – Physical Geology, Section 003

Spring 2008

Instructor: Dr. Frank Syms Lecture: 6:00PM-7:30 Monday, Wednesday
Office: SBDG 212 Lab: 7:30PM-8:30 Monday, Wednesday
Office Hours: 8:00PM Monday, Wednesday (or by appointment) Credits: 4
Phone: (706) 722-7301
Email: syms@lettis.com

Required Text: EARTH: Portrait of a Planet, 2nd Edition, Marshak

Class Objectives and Information

Geology is both an applied, as well as research science. Elements of biology, chemistry, mathematics and physics are required to understand earth concepts. The course will be taught through lectures and related laboratory exercises. Lectures will cover information and concepts from the text. Laboratory exercises will stress the application of geological problem solving and will be held periodically to reinforce specific concepts. The exercises are self-paced and you are encouraged to work in groups. There are **no makeup labs**. Generally, there is no outside work required for this course except for reading the section pertinent to the lecture. **You will be expected to read about the information presented in class and listed on this syllabus. Expect exam questions from the text as well as lab exercises.**

Please! Turn off cell phones and pagers during class.

Field Trips

It is important to see geology in the field and examine the rocks, sediments and structures first hand so field trips will be a part of this course. Due to the late meeting time, the trip(s) will be scheduled early in the semester because of the length of daylight. Dress for outdoor activities and according to the weather. All field trips involve walking!

Good writing and communication is valued in this course and critical to you presenting yourself as an educated person. You **must** use correct spelling and grammar in your reports. All USCA computers have a grammar and spell check option in Word.

Testing and Grading

There will be two lab quizzes, three exams and a final exam. The final exam will be comprehensive. All exams will be multiple choice, true/false, label the figure and short answer. Your participation in the lecture and lab exercises will also count toward your grade. Your objective is to earn as many points as possible.

Lab Quiz (2)	=	100 points
3 exams	=	150 points
Final exam	=	150 points
TOTAL	=	400 points

Letter Grade Ranges: A = 400-360, B+ = 359-340, B = 339-320, C+ = 319-300, C = 299-280, D+ = 279-260, D = 259-40, F=239 or less.

Extra Credit Options

EXTRA CREDIT UP TO 25 POINTS CAN BE EARNED!

1. Attending CSRAGS meetings that will be announced periodically during the semester will earn 5 points each.
2. Discussion of a current geologic event at the beginning of lecture will earn 5 points each.
3. Periodic optional assignments will be given and will earn 5 to 10 points each

If you have a physical, psychological, and/or learning disability which might affect your performance in this class, please contact the Office of Disability Services, 126A B&E, (803) 641-3609, as soon as possible. The Disability Services Office will determine appropriate accommodations based on medical documentation.

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Schedule for Geology 101, Sec300 Spring 08

Date	Quiz/Exam	Lecture	Lab
14-Jan		Introduction	
16-Jan		Earth	
21-Jan		NON CLASS MLK	Minerals
23-Jan		Minerals	Minerals
28-Jan	Mineral Quiz	The Rock Cycle	
30-Jan		Igneous Rocks	Ign Rcks
4-Feb		Sedimentary Rocks	Sed Rcks
6-Feb		Metamorphic Rocks	Met Rcks
11-Feb	Rock Quiz		
13-Feb		Plate Tectonics	Isostasy
18-Feb		Geologic Time	Cross Cut
20-Feb		Structure	Topo Maps
25-Feb		Crustal Deformation	Structure
27-Feb		Seismicity	
3-Mar	Exam 1		
5-Mar		Slopes and Mass Wasting	Cross-section
10-Mar		SPRING BREAK	
12-Mar		SPRING BREAK	
17-Mar		River Systems	Fluvial Table
19-Mar		Ocean-Atmosphere System	
22-Mar		Shorelines	
26-Mar	Exam 2		
31-Mar		Groundwater	Grd Water
2-Apr		Glaciers and Eolian Systems	
7-Apr		NO CLASS	
9-Apr		Global Change	
14-Apr		Geologic Hazards	
16-Apr	Exam 3		
21-Apr		Field Trip	
23-Apr		Field Trip	
28-Apr		Field Trip	
7-May	FINAL	8:00 PM	