

COURSE OUTLINE

Geology 101 – Physical Geology, Section 003

Spring 2007

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 a short walk.

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 Fall 07

Date	Quiz/Exam	Lecture	Lab	Chapter
27-Aug		Introduction		
29-Aug		Field Trip		
3-Sep		LABOR DAY NO CLASS		
5-Sep		Earth		1&2
10-Sep		Minerals	Minerals	5
12-Sep		Minerals	Minerals	5
17-Sep	Mineral Quiz			
19-Sep		The Rock Cycle		InterludeA
24-Sep		Igneous Rocks	Ign Rcks	6
26-Sep		Sedimentary Rocks	Sed Rcks	7
1-Oct		Metamorphic Rocks	Met Rcks	8
3-Oct	Rock Quiz			
8-Oct	MID POINT	Plate Tectonics	Isostasy	3&4
10-Oct	Exam 1			
15-Oct		Seismicity		10
17-Oct		Crustal Deformation	Topo Maps	11
22-Oct		Structure	Structure	
24-Oct		Geologic Time	Cross Cut	12&13
29-Oct		Slopes and Mass Wasting		16
31-Oct		River Systems		17
5-Nov	Exam 2			
7-Nov		Ocean-Atmosphere System		18&20
12-Nov		Shorelines		18
14-Nov		Groundwater	Grd Water	
19-Nov		THANSGIVING NO CLASS		
21-Nov		THANSGIVING NO CLASS		
26-Nov		Glaciers and Eolian Systems		19
28-Nov		Geologic Hazards		22
3-Dec	Exam 3			
5-Dec		OPEN		
10-Dec		Final Exam 8:00PM		