

COURSE OUTLINE

Geology 101 – Physical Geology, Section 003

Fall 2008

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

Text: EARTH: Introduction to Physical Geology, 9th Edition, Tarbuck and Lutgens

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.

Project

Each student is required to complete a class project. Nothing fancy is required. The intent is simply to make a observation of geologic significance that you can relate to something you learned from this course. Any format is fine. You are encouraged to discuss your ideas with me. Projects can be handed in up to the date of the final.

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
Project	=	50 points
Final exam	=	100 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.

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 08

Date	Quiz/Exam	Lecture	Chapter	Lab
25-Aug		Introduction		
27-Aug		Earth's Interior or Field Trip	12	
1-Sep		LABOR DAY NO CLASS		
3-Sep		Field Trip		
8-Sep		Minerals	3	Minerals
10-Sep			3	Minerals
15-Sep	Mineral Quiz			
17-Sep		Igneous Rocks and Volcanoes	4&5	Ign Rcks
22-Sep		Sedimentary Rocks and Weathering	6&7	Sed Rcks
24-Sep		Metamorphic Rocks	8	Met Rcks
29-Sep	Rock Quiz			
1-Oct		Plate Tectonics	2&13&14	Isostasy
6-Oct	Exam 1			
8-Oct		FALL BREAK		
13-Oct		Geologic Time	9	Cross Cut
15-Oct		Crustal Deformation	10	Topo Maps
20-Oct		Earthquakes	11	Structure
22-Oct		Slopes and Mass Wasting	15	
27-Oct		Running Water	16	
29-Oct	Exam 2			
3-Nov		Groundwater	17	
5-Nov		Glaciers and Deserts	18&19	
10-Nov		Shorelines	20	
12-Nov		Global Change	21&22	
17-Nov		Energy and Mineral Resources	23	
19-Nov	Exam 3			
24-Nov		THANKSGIVING NO CLASS		
26-Nov		THANKSGIVING NO CLASS		
1-Dec		Open/Review		
3-Dec		Open/Review		
8-Dec		Final Exam 8:00PM		