

COURSE OUTLINE

Geology 101 – Physical Geology, Section 003

Spring 2008

Instructor:	Dr. R. J. (Randy) Cumbest	Lecture:	8:00AM-9:15 Tue, Thu (room 212)
		Lab:	12:15PM-2:25 Thu (room 216)
Office	SBDG 212	Credits:	4
Office Hours	8:00AM Tue, Thu (or by appointment)		
Phone:	(706) 722-7361		
Email:	cumbest@lettis.com		

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

Class Objectives and Information

Geology is a practical, as well as theoretical 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. 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. Informed discussion of a current geologic event at any opportunity in class 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, Sec003 Spring 08			
Date	Quiz/Exam	Lecture	Lab
15-Jan		Introduction	
17-Jan		Earth	Minerals
22-Jan		Minerals	
24-Jan	Mineral Quiz	The Rock Cycle	Ign Rocks
29-Jan		Igneous Rocks	
31-Jan		Sedimentary Rocks	Sed. Rocks
5-Feb		Metamorphic Rocks	
7-Feb		Plate Tectonics	Met Rcks
12-Feb		Plate Tectonics	
14-Feb	Rock Quiz	Geologic Time	Isostasy
19-Feb		Structure	Cross Cut
21-Feb		Crustal Deformation	Topo Maps
26-Feb		Seismicity	Structure
28-Feb	EXAM 1		
4-Mar		Slopes and Mass Wasting	
6-Mar		River Systems	Cross-section
11-Mar		SPRING BREAK	
13-Mar		SPRING BREAK	
18-Mar		Ocean–Atmosphere	
20-Mar		Ocean-Atmosphere	Fluvial Table
25-Mar		Shorelines	
27-Mar	EXAM 2		
1-Apr		Groundwater	
3-Apr		Glaciers and Eolian Systems	Grd Water
8-Apr		Global Change	
10-Apr		Geologic Hazards	
15-Apr	EXAM 3		
17-Apr		Field Trip	
22-Apr		Field Trip	
24-Apr		Field Trip	
29-Apr			
6-May	FINAL	8:00 AM	