Geology 101 – Physical Geology, Spring 2003

Class Objectives and Information

Geology is both an applied as well as research science and 'hands-on' experience is necessary. 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 as well as present new information. We will transition into the lab during the second half of each class meeting. There are **no makeup labs** and absence from two or more labs may result in your being dropped from the class role. Generally, there is no work for this course outside of the class except a news review related to a geologic topic. However, the Hamblin and Christiansen text is excellent **and 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.***

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. The trip(s) will probably be scheduled for late in the semester due to the length of daylight. Dress for outdoor activities and according to the weather. I recommend bug spray, sunscreen, etc., as appropriate. All field trips involve walking!

News Reviews
Geology is often a topical concern in the news because it routinely affects people, therefore, you will need to complete a brief paper (1-2 printed pages, double-spaced) about a geological event, reported in the news, during the course of the class. Your paper must include information on what happened, where it happened, when it happened, how or why it happened (the geological causes), and suggestions on changes that might have prevented loss of life, human injury or property loss.

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. You will loose points for incorrect grammar!

Testing and Grading

There will be three (3) 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. Each exam will be worth 50 points and the final 100 points. There will be 14 labs completed for 10 points each. There will be two (2) lab quizzes worth 25 points each. The news event report will be worth 20 points. Your participation in class is worth 25 points. Each field trip worksheet is worth 5 points.

3 exams	=	150 points	
Final exam	=	100 points	
14 Labs	=	140 points	Letter Grade Ranges:
2 lab quizzes	=	50 points	A = 451-500, B+ = 426-450, B = 400-425, C+ = 376-399,
geo-news report	=	20 points	C = 351-375, D+ = 326-350, D = 300-325, 300 or less = F
participation	=	25 points	
Field Trips	=	15 points	
TOTAL	=	500 points	

Extra Credit Options
There will be opportunities to gain extra credit. You can earn 20 points by scanning a geology reference from the attached reading list and explain the 'gist' of the material (minimum of 2 double spaced pages, and must include the title, author, who published the material, when it was published, why it was published, what topics were discussed, the authors opinion or approach, a brief description on what the book was about, and did you like it, why, why not, etc.). Extra credit will also be given for attending CSRAGS meetings (5 points each) that will be announced periodically during the semester.

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.

Geology 101 – Physical Geology, Spring 2003

Geology 101 Spring 2003 Syms
CLASS SCHEDULE

13-Jan	Lecture Chap 1	
15-Jan	Lecture Chap 2	Lab Ex 3
20-Jan	HOLIDAY	
22-Jan	Lecture Chap 3	Lab Ex 3
27-Jan	Lecture Chap 4	Lab Ex 5
28-Jan	CSRAGS MEETING	(5 points)
29-Jan	Lecture Chap 5	Lab Ex 6
3-Feb		**QUIZ (minerals)**
5-Feb	Lecture Chap 6	Lab Ex 7 REVIEW
10-Feb	**Exam #1**	
12-Feb	Lecture Chap 7	Lab Ex 10
17-Feb	Lecture Chap 8	Lab Ex 8
19-Feb	Lecture Chap 9	Lab Ex 1
24-Feb	Lecture Chap 10	**QUIZ (rocks)**
25-Feb	CSRAGS MEETING	(5 points)
26-Feb	Lecture Chap 11	Lab Ex 11
3-Mar	Lecture Chap 12	Lab Ex 11
5-Mar	Lecture Chap 13	Lab Ex 12
17-Mar	Lecture Chap 14	Lab Ex 13 REVIEW
19-Mar	**Exam #2**	
24-Mar	Lecture Chap 15	Lab Ex 15
25-Mar	CSRAGS MEETING	(5 points)
26-Mar	Lecture Chap 16	Lab Ex 14
31-Mar	Lecture Chap 17	Lab Ex 2
7-Apr	Lecture Chap 18	Lab Ex 16
9-Apr	Lecture Chap 19,20	
14-Apr	Lecture Chap 21,22	REVIEW
16-Apr	**Exam #3**	
21-Apr	Lecture Chap 23	**Papers Due**
23-Apr	CSRAGS MEETING	(5 points)
28-Apr	Lecture Chap 24	