

Course Web Site, Handouts, Lecture Notes, & Inclement Weather

The instructor will make regular use of the course web site identified below the title of this syllabus. Students are encouraged to check this regularly for updates and some handouts. Lecture notes will ONLY be provided in class and will be given out on the day new material is presented and for one day after this. Students must attend class to receive copies of the notes from the instructor. In the case of inclement weather, as per university policy, class will only be cancelled if the university is closed. Please check the university home page for weather updates.

Grading Policy

Letter grades are explained below. All evaluation items count, no scores will be dropped, and there are no extra credit assignments (what you see is what you get). Consequently it is imperative that students complete all tests, assignments, and labs. A grade-tracking sheet, including due dates, is provided on the last page of this syllabus (and at the class web site).

<u>Lecture Items</u> (70% of final grade)	<u>Due Date</u>	<u>Value</u>
Lecture tests	Feb. 21, Apr. 3, May 15-12:30pm (200 pts ea)	= 600 points
Unannounced in-class quizzes	12 given, best 10 count, 2.5 pts each	= 25 points
Homework Assignments		= 75 points
1) Internet Assign. - Minerals (given out Jan. 24, due Feb. 26)		= 15
2) Learning Event Review 1 (due 1 wk after event, by Mar.10 at latest)		= 15
3) Internet Assign. – Virt. Field Trips (given Mar. 4, due Mar. 25)		= 15
4) Attend & Evaluate Student Research (wk of Apr. 14-19, due Apr. 24)		= 15
5) Learning Event review 2, (due 1 wk after event, by May 1 at latest)		= 15
Laboratory exercises & Laboratory Tests (explained in lab by F. Schmidt)		= 300 points 1000 points

Final grades in the course will be assigned according to the following point totals:

A >930; A⁻ >900; B⁺ >870; B >830; B⁻ >800; C⁺ >770; C >730; C⁻ >700; D⁺ >650; D >600; F <600

Evaluation Details

Lecture tests: Lecture tests are largely non-comprehensive, and will consist of multiple choice, true-false, fill in the blank, short answer, essay, and diagram questions. There will be one comprehensive essay question on the final exam that draws upon concepts important to the whole course. Questions will be based on both class room lectures and text book readings (including several guaranteed questions drawn from the text book chapter summaries). Review sheets will be provided prior to each exam. It is imperative that students attend class regularly and take thorough notes if they hope to achieve a good grade. **All tests count. A failing score (<60%) on the final test automatically lowers the final course grade by 1 letter grade (e.g. an "A" drops to a "B").**

Unannounced In-class Quizzes: At total of 12 unannounced in-class will be given throughout the semester, the best 10 of which count. Make up quizzes will not be given as the 2 lowest scores are dropped. These evaluation items reward regular and prompt class attendance and underscore important concepts. The quizzes will be straightforward questions that arise directly out of discussion in class. These quizzes will be given at the start of class. Students must be present at the start of class to take the tests.

Outside Learning Event Reviews: Given the liberal arts emphasis for ECSU, it is important to be aware and take advantage of the varied learning experiences that occur on campus. This includes several university wide learning events in the arts, humanities, and sciences. To this end students are required to attend and prepare write-ups describing **two** outside learning events. The most likely events are associated with either the "University Hour" series held at 3:00 p.m. on Wednesday's or the "Arts and Lecture" evening series. A summary of these presentations for the spring semester is included with this syllabus. Other topics are possible, but must be approved ahead of time by the instructor (comedy nights and popular movies do not count). Event reviews are due one week after the event. The first must be submitted for grading by March 10, and the second must be submitted for grading by May 1. These assignments are brief, but must be neat, grammatically correct and include some reflection by the student. Details will be provided in class.

Student Research Conference: Two on-campus student research conferences occur in April (dates provided with a handout in class). Students are required to attend and write brief descriptions for two presentations made at one of the meetings. Details will be provided in class.

Internet/Map Homework Assignment: Students are required to complete two short internet assignments that relate to activities in class and lab. These assignments will require viewing of video segments on line. Assignments should be worked on individually. Details will be provided in class.

No extra credit will be available, although occasional bonus questions may be given. Consequently, it is imperative that students complete all labs and assignments.

Laboratory grades: Geology is a field-based science that relies heavily on developing a keen sense of observation, analytical skills, and critical thinking. Lab exercises refine your sense of observation, develop analytical prowess, and use critical thinking to derive solutions to a variety of geologic problems. **The laboratory accounts for 30 % of the final course grade. Students must attend and pass the laboratory to pass the course (attendance will be taken in lab).** Details concerning the laboratory will be reviewed during the first lab period. **Labs begin the second week of class.**

----- LECTURE TOPICS & READINGS -----

Wk	Date	Lecture Topic	Reading
1	Jan. 22, 24	Syllabus; Third rock from the Sun – Introduction to planet Earth	Ch. 1, 2
2	Jan. 29, 31	(Intro completed) The mineral matter – Building blocks of rocks	Ch. 2, 3
3	Feb. 5, 7	(Min. completed) The fire within – Magma & igneous rocks	Ch. 4
4	Feb. 12,14	(Ign. rocks completed). Let it all blow - Volcanic eruptions	Ch. 5
5	Feb. 19	Volcanism completed	Ch. 5
5	Feb. 21	TEST #1	Ch. 1- 5
6	Feb. 26, 28	The big squeeze – Metamorphic processes and rocks	Ch. 8
7	Mar. 4, 6	Laying it on thick - Sedimentary rocks	Ch. 8, 7
8	Mar. 11, 13	Sedimentary Rocks finished. Bending & Breaking - Tectonics	Ch. 7, 10
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9	Mar. 25	Shake, rattle & roll – Tectonics & Earthquakes	Ch. 11
9	Mar. 27	Professor at Conference – prepare event reviews & prep for test	---
10	Apr. 1	Earthquakes Finished	---
	Apr. 3	Test #2	Ch. 7,8,10,11
11	Apr. 8,10	Surface processes – weathering, erosion, denudation	Ch. 11
12	Apr. 15, 17	Water under the bridge - Rivers & Streams	Ch. 6
13	Apr. 22	Rivers continued	Ch. 16
13	Apr. 24	Professor at Conference – time used on student research review	Ch. 16
14	Apr. 19, M 1	Rivers completed, Who pulled the plug - Groundwater Geology	---
15	May. 6	Groundwater completed	Ch. 16,17 Ch. 17
	May 15	Test #3 (Final Exam) 12:30-2:30 am	Ch. 6,11,16,17

Grade Tracking Sheet

LECTURE TESTS					
Test #1 (Feb. 21)		_____ (out of 200)			
Test #2 (Apr. 3)		_____ (out of 200)			
Test #3 – final exam (May 15, 12:30-2:30)		_____ (out of 200)			
		Lecture Test Total = _____ (600)			
IN-CLASS QUIZES					
Quiz #1 _____ (2.5)	Quiz #5 _____ (2.5)	Quiz #9 _____ (2.5)			
Quiz #2 _____ (2.5)	Quiz #6 _____ (2.5)	Quiz #10 _____ (2.5)			
Quiz #3 _____ (2.5)	Quiz #7 _____ (2.5)	Quiz #11 _____ (2.5)			
Quiz #4 _____ (2.5)	Quiz #8 _____ (2.5)	Quiz #12 _____ (2.5)			
		Best 10 count, Total = _____ (25)			
HOMEWORK ASSIGNMENTS					
1) Int. Assign. #1 _____ (15) Minerals (due Feb. 26)	2) Event Review. #1 _____ (15) (due 1 wk after event by Mar. 10 at latest)				
3) Int. Assign. #2 _____ (15) Virtual Field Trips (due Mar. 25s)	4) Student Conference _____ (15) Review (due Apr. 24)				
5) Event Review. #2 _____ (15) (due 1 wk after event by May 1 at latest)	Total = _____ (75)				
LAB GRADE (submitted by Schmidt to Hyatt at end of semester)					
		TOTAL LAB GRADE = _____ (300)			
FINAL GRADE IN COURSE = _____ (1000)					
GRADE: A >930; A⁻ >900; B⁺ >870; B >830; B⁻ >800; C⁺ >770; C >730; C⁻ >700; D⁺ >650; D >600; F <600					