

Geology 1644
Introductory Geology
Syllabus
Spring 2009

Instructor: Dr. Brad Herbert

207 Rogers Hall 864-1505

Office Hours: MWF 1:25-2:20; other times **welcome** by appointment

Lecture: MWF 10:10-11:05 in 202 Rogers; Lab Tues 2:20-5:20 + as needed

Required Materials:

1. Lecture: Press and Siever, *Understanding Earth 5th ed.*, Freeman Publishing Co., 2007
2. Handout packet, print shop (*not bookstore*), approx 20 dollars.

Lab Requirements:

I have decided to do away with a lab textbook. I will provide handouts for two written labs. *The expense lies instead in the cost of field trips*; i.e. some parks or museums have entrance fees, etc. The total cost lies mostly in gas, so depending on if you choose to car pool..... the lab cost will be approximately that of a text book.

Attendance: Regular attendance is mandatory. I reserve the right to drop any student for excessive absenteeism (4). **You** are responsible for determining what you have missed in terms of homework assignments, scheduling changes, etc. Field trip labs **cannot be made up**; a score of zero is assigned.

Lab Policies: Most of the lab will be spent outdoors, once the weather permits. You'll note many of the trips come late in the term because of weather. (for everyone's enjoyment)

Important points for field trips:

1. There are admission fees associated with several of the field trips. These may amount to approx. 40 dollars. You will be asked to drive!
2. I am allowing students to drop TWO lab scores. If you cannot attend any field trip for **ANY** reason, or have **ANY** other conflict, that score will be dropped. The wise individual is the one who completes **all** labs and drops the lowest.
3. Field trips will require a 2-page (minimum), double spaced (1-inch margins, 12-pt font maximum) synopsis of the trip, **focussing on how the site relates to the class material, and will be graded on this content**. This 2 pages is of text; this does not include your name, class time, date, mother's maiden name or other "filler". You should include a cover page for this content. These are due in lecture at 10:10 AM sharp, six (6) days after the trip. Labs will be considered late at 10:15 AM; a 10-pt deduction. Ten additional points will be deducted per business day late.
4. Any student missing or not turning in more than two labs will receive a **letter grade deduction** for each lab missed starting at three (3) **for the entire course**. (No, you can't skip labs and still get a decent grade for this course).
5. ALL labs become my property; they will not be returned. Scores will be posted.

Disabilities: North Georgia College & State University is committed to equal access to its programs, services, and activities for people with disabilities. If you will need accommodations in this class, reasonable prior notice needs to be given to the instructor and the Office of Student Disability Resources. Please contact Ms Elizabeth McIntosh Coordinator at 867-2782, 221 Barnes Hall.

Grading: Pop quizzes and indoor labs have been greatly reduced for the course. This puts much importance on the 4 tests, to be given during lab time, and the cumulative final exam.

Final Grades will be assigned based on the following scheme:

		(possible points)
Hour Exam 1	=	13% 100
Hour Exam 2	=	13% 100
Hour Exam 3	=	13% 100
Hour Exam 4	=	13% 100
All labs	=	22% 170
Final Exam	=	26% <u>200</u>
		total: 770

Any test missed for **ANY** reason will be assigned a grade of zero. No make-ups given. Any labs missed will be assigned a score of zero, and dropped (the first two). This allows for any untimely event such as flat tire, death in the family, etc.

Grades are curved **AT THE END**. Historically, grades have been assigned according to the breakdown shown at right:

770-616	A
615-524	B
523-431	C
430-339	D
338---->	F

Weather Problems: In the event that NGC officially cancels class due to inclement weather, any hour exam scheduled on that Monday will automatically be given the next class meeting (during the Wed. lecture)

Exam Policy: Absence from any of the four exams will result in the automatic grade of zero. The only exception is if a conflict is brought to my attention before the day of the exam; this must be done in person (after class or office hours). Death-in-the-family incidents will require confirmation via the college or a phone call.

If you awake the day of the exam and find you must surely be passing away, call the number given above and inform Ms Walton of your impending doom. Should you recover, however, written proof, such as a Dr.'s note with phone number must be produced the first day back to class. Missing tests because of the sniffles or "family problems" are not valid excuses.

Anyone more than 10 minutes late to the final will not be allowed to take it. No extra time will be given for an hour test or final.

Cell Phones: The use of cell phones in *any* capacity during the lecture or exam is prohibited. No unauthorized exceptions. I realize they are the greatest thing since indoor plumbing. This does not make them valid calculators for any exam, nor appropriate time pieces. Buy the proper calculator. Buy a watch.

If I detect a cell phone in use in any way during the 50-minute lecture or examination period, I will issue (and record for my records) one verbal warning. After that time, I will penalize your next examination according to the following scheme: 1st infraction = warning;

2nd infraction = 10 %; 3rd infraction = 20 %; 4th infraction = 40 %, etc (think powers of two here)

Any important call to be received by a student during class must be cleared with me in advance. In my opinion, playing phone roulette seems like an immature choice. Just turn them off completely.

Academic Integrity:

Students are encouraged to study and work together on homework and labs. I found working in small groups beneficial to increased comprehension of the material. **Please put the ideas into your own words, however.**

THE NGCSU integrity code is: “On my honor, I will not lie, cheat, steal, plagiarize, evade the truth or tolerate those who do.” This includes, but it not limited to:

- a. any attempt to give or receive help during a test, whether animate or inanimate
- b. copying any portion of the lab that is not raw data collected with a lab partner
- c. supplying answers or data to a student who has not done the work
- d. manipulation of lab data from its original form
- e. turning in work that is not your own for credit

Any violation of any of these rules will result in being failed in the course, reported to the V.P. for Academic affairs, the Dean of Students and the Academic Integrity Council, which may ultimately result in suspension or expulsion.

I understand the NGCSU Academic integrity Code stated above and willfully submit myself for appropriate action should I choose to violate that code.

_____ (signature and date)
_____ (legibly printed name)

-----DETACH HERE-----

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GEOL 1644K
Tentative Lab Schedule
Spring 2009

(all done during lab time unless noted*)

1/6	no labs
1/13	Movie Day!!
1/20	Consolidated Gold Mine 1:30-3:00 PM(\$8); Gold Museum 3:10- (\$4)
1/27	Minerals Lab, Room TBA
2/3	Test 1 (1 hour) + lecture (1 hour)
2/10	Rocks Lab, Room TBA
2/17	Excursion to Auraria for garnets
2/24*	Vulcan Quarry, Kennesaw (12 or 13 different minerals)
3/3*	student trip
3/10	Fossil dig to Floyd Springs/Coosa (AM) + Tellus Museum(PM)(\$8) (Attention! This trip counts as two labs! It will also take the entire day from sun-up to approx. 6 PM)
3/17	no lab; spring break
3/24	Glade Shoals Outcrop
3/31*	Staurolites (Ellijay River or Hackney Farms)
4/7	Test 4 (1 hour) + lecture (1 hour)
4/14*	Tallulah Falls(gorge bottom tour) (\$4/car)

- we will leave campus at 12:30 PM or time TBA

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Tentative Lecture Schedule

Date	Lecture Topic	Reading
1/7	Rules, Ch 1 Building a Planet	1-17
1/9-14	Ch 2 Plate Tectonics	18-43
1/16	Ch 3 Minerals	44-75
1/19	no class; MLK	
1/21-23	Ch 3 Minerals	44-75
1/26-30	Ch 4 Igneous rocks	76-99
2/2-6	Ch 5 Sedimentary rocks	100-129
2/3	Hour Exam 1 during lab	
2/9-11	Ch 6 Metamorphic rocks	130-149
2/13-18	Ch 8 Rock Record/Geologic Time	168-187
2/20	Hour Exam 2 during lecture	
2/23-25*	Ch 12 Volcanism	270-295
2/27-3/4	Ch 13 Earthquakes	296-323
3/6-9	Ch 14 Earth's Interior	324-345
3/11	Ch 16 Weathering+ Mass Wasting	370-399
3/13	Hour Exam 3 during lecture	
3/16-20	no class; spring break	
3/23-25	Ch 16 Weathering+ Mass Wasting	370-399
3/27-4/1	Ch 17 Groundwater	400-425
4/3-10	Ch 18 Rivers	426-451
4/7	Hour Exam 4 during lab	
4/13-17	Ch 21 Glaciation	504-529
4/20	Ch 19/20 Deserts/Coastlines	472-503
4/21	Academic Review	
4/22	FINAL EXAM: 10:30-12:30	

* 2/24 Corresponds to last day to drop with a W

Waiver of Liability
Spring 2009

I hereby agree that any and all damages incurred to my person or property, or acquaintance's persons or property en route to, from, or during any and all outdoor class activities shall not be the fault of Dr. Herbert nor N.G.C.S.U. in any way.

Activities observed during previous classes that may/have lead to damage include, but are not limited to, the following:

- hazardous driving en route to field trip site or NGCSU
- trespassing on owned properties or closed trails
- scaling hazardous topography; traversing dangerous waters
- leaning too far over embankments, cliffs and deep holes/gorges
- poor maneuvering in confined quarters such as underground mines
- exacerbation of a previously known or unknown physical condition
- physical contact/consumption of harmful or toxic plants, substances
or wildlife

I understand and agree with the intent of this contract and will show my consent by signing below.

_____ (printed name)

_____ (signature) _____ (date)