

- COURSE SYLLABUS -

GEL 113
PHYSICAL GEOLOGY
LABORATORY
(1 Semester Credit Hours)

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GEOLOGY 113 - PHYSICAL GEOLOGY LAB
Course Syllabus – Summer II, 2008

INSTRUCTOR: Brian Cooper
OFFICE: 300C Lee Drain Building
OFFICE HOURS: 2:00 - 2:50 MW, or by appointment.
OFFICE PHONE: 294-1566 e-mail: bjcooper@shsu.edu

TEXT: Cooper, Netoff, and Torrez, Physical Geology Laboratory Manual

ATTENDANCE: Attendance is required. There are **NO** excused absences. No visitors. Three or more absences results in automatic failure. Three tardies are equivalent to one absence. If you miss a lecture, it is your responsibility to obtain the material presented in the lecture from a fellow student.

Americans with Disabilities Act: According to University policy requests for accommodations must be initiated by the student. A student seeking accommodations should go to the Counseling Center in a timely manner and discuss any Students with Disabilities (SSD) issues. Every semester that the student desires accommodations, it is the student's responsibility to complete a Classroom Accommodation Request Form at the SSD office and follow the stated procedure in notifying faculty. Accommodations for disabled students are decided based upon documentation and need on a case-by-case basis by the Counseling Center.

Religious Holidays: University policy states that a student who is absent from class for the observance of a religious holy day should take an examination or complete an assignment scheduled for that day within a reasonable time after the absence. *The student, not later than the 15th calendar day after the first day of the semester, or the 7th calendar day after the first day of a summer session, must notify the instructor of each scheduled class that he/she would be absent for a religious holy day.*

Visitors In The Classroom : Unannounced visitors to class meetings must present a current, official SHSU identification card to be permitted in the classroom or at a restricted field site. They must not present a disruption to the class by their attendance. If the visitor is not a registered student, it is at the instructor's discretion whether or not the visitor will be allowed to remain in the class.

MAKE-UP EXAMS: Quizzes must be made up before the next lab. No make-ups for practicals.

RULES:

1. Class starts on time.
2. Class ends when I say it ends. Leaving early without permission = a tardy.
3. Keep quiet when I am lecturing.
4. Raise your hand if you have a question or need to leave for any reason.
5. No drinks, No food, No smoking in the classroom.
6. Switch all pagers and cell phones to a silent mode.
7. Violations result in student being asked to leave and being counted absent.

CHEATING: Cheaters will automatically fail. Please keep your eyes on your own exam. You get one warning, then you get a zero. See *Student Guidelines*.

GRADING SCALE: 180 - 200 points = A, 160 - 179 points = B, 140 - 159 points = C
120 - 139 points = D, less than 119 points = F No extra credit.
Each of the four Scan-Tron exams is worth 50 points, for a total of 200.

OTHER: Lab (GEL 133) grade is a separate grade. Lectures start July 8, 2008.

DESCRIPTION: An introduction to the materials, processes, and structure of the earth. Topics include earthquakes, volcanoes, plate tectonics, mountain building, weathering and erosion, glaciation, oceans, and mineral resources. No prerequisite. 3 credit hours.

OBJECTIVES: To obtain an understanding of earth materials (minerals and rocks), earth processes (volcanism, erosion, earthquakes, etc.), and the relationships/interactions among the various components of the earth. I start *small* and *build* :

Minerals ➡ *Rocks* ➡ *Crust* ➡ *Plates* ➡ *Earth*

PHYSICAL GEOLOGY LABORATORY

Tentative Outline – Summer II, 2008

The purpose of this lab is to provide "hands-on" experience with earth materials (Labs 1-5) and an understanding of earth features (Labs 6-9). The "hands-on" experience requires time outside of the designated lab time analyzing the rock box samples.

Individual instructors will announce their office hours (their office is located in LDB 309). Messages may be left for them in LDB 342 or at 294-3508. PLEASE DO NOT CALL THE MAIN OFFICE!

Text: Cooper, Netoff, and Torrez, Physical Geology Laboratory Manual

LAB	DATES	TOPICS
1	July 9	Chapters 1 and 2 (30)
2	July 14	Chapter 3 (30) (Quiz (30) Ch. 1 only)
3	July 16	Chapters 4 and 5 (30) (Quiz (30) 2&3)
4	July 21	Chapter 6 (30)
5	July 23	ROCK AND MINERAL PRACTICAL (100)
6	July 28	Chapters 7 and 8 (30) (Quiz (30) Ch. 6)
7	July 30	Chapters 9 and 10 (30) (Quiz (30) 7&8)
8	Aug. 4	FINAL EXAM (100)

MATERIALS NEEDED FOR LAB:

1. Penny and a sharp steel point.
2. Pencils (#2), eraser.
3. Scan-Tron Forms 815E for quizzes, 882ES for Final.