GEOLOGY 132 (The Earth Through Time) - SHARP

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Office Hours: F2F: 9:00am-10:30am, 12:30pm-2:00pm TT, Electronic: MWF
Office Number: S 303
Course Gol 132 003 - The Earth Through Time; 11:00 - 12:15 TT
Location Miller Science, Room 225

Textbook: The Changing Earth, Monroe, Wicander, and Ferring; any edition Optional

Lab Manual: General Geology II Laboratory Manual by SFASU Geology Dept., current edition Required

Course Description The Earth Through Time (GOL 1404)

Four semester hours (three hours lecture and two hours laboratory per week). Designed for the student with no geology background. Required lab fee.

This is a general education core curriculum course, and no specific program learning outcomes for this major are addressed in this course.

Purpose and Goal
The purpose and goal of this course is to solve problems using the scientific method approach and to study:

- history and development of continents and ocean basins
- evolution of life on earth
- earthquakes and the earth’s interior
- mountain building
- drifting continents and sea-floor spreading
- the Ice Ages
- space science
- oceanography

Student Learning Outcomes
The student is expected to understand and apply the following concepts to the environment:

1. Gain an understanding of the Earth’s interior, plate tectonics, and deformed structures.
2. Study geologic time and stratigraphic principles
3. Gain an understanding of the evolution of life
4. Understand the history of the Universe
5. Understand the evolution of continents and oceans

Course Outline

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<th>CHAPTER</th>
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<td>Introduction</td>
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A History of the Universe, Solar System 9
Earthquakes and the Earth's Interior 7
Interpretation of Earth History, Geologic Time 17

**Exam I**
Stratigraphy and Facies 7
History of Life 18

**Exam II**
Development of Earth's Earth Features; Isostasy; The Sea Floor 10
Crustal Structure and Development, Plate Tectonics 10

**Exam III**
Precambrian 20
Paleozoic 21, 22
Mesozoic 23
Cenozoic 24

**Exam IV** Final Exam (comprehensive), scheduled for Thursday, May 12 at 10:30 am

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**POLICIES**

1. Geology 132 laboratory is a separate 1-hour credit, and lecture is a separate 3-hour credit. However, they are co-requisites (meaning the initial attempt requires simultaneous enrollment). You must pass both (≥ 60 average) to receive credit for a laboratory science. For example, if you have an 85 average in lecture, you would receive the grade "B" for completion of the 3-hour lecture portion. However, if you have a 55 average in lab, you would receive the grade "F" for non-completion of the required 1-hour lab. University requirements are that both (lab and lecture) be successfully completed. Check the requirements of your College to determine if you should repeat only the portion that was failed or both portions (lab and lecture).

2. The Geology 132 laboratory manual can be purchased in any of the University bookstores.

3. D2L, SFA’s online course delivery platform, will be used in this course. You can find the syllabus, policies, outlines, handouts, and link to the on-line lab tutorial. Perhaps more importantly, exam grades will be posted using this tool because a hard copy of exam grades will not be used. If there are questions or problems using D2L, refer to http://sfaonline.sfasu.edu/status

4. PowerPoint is used during lecture discussions, and it is not available on D2L or through additional electronic media. It is the responsibility of the student to obtain missed material from classmates when absent from class, and any questions about the material should be addressed to the instructor during office hours.

5. Four (4) lecture exams will be given during the semester. Each exam will count 1/4 of the lecture grade. The four grades will be averaged numerically, and this average will determine your lecture grade. No outside work can be taken to improve your grade, and no test can be retaken. Prepare yourself well for exams by attending all lectures, taking good notes, and understanding the material presented. The final exam is comprehensive. The grading scale is as follows:
   - A: 90.0-100
   - B: 80.0-89.9
   - C: 70.0-79.9
   - D: 60-69.9
   - F: ≤69.9
6. Exams are objective (50 questions), graded on a 100-point scale, weighted equally, and scheduled one (1) or more weeks in advance. If, for serious reasons (documented excused absences), you cannot take an exam, notify me in advance or on the day of the exam. Make-up exams are comprehensive, only allowed for excused reasons (see below), and made up during dead week. Students should provide the documentation (to the instructor) within two weeks of the absence. The final exam has 100 questions.

7. Seating assignments are chosen by each student, but special seating can be arranged, especially if you are hearing impaired, visually impaired, etc. However, anyone can request special seating. Your name will be on a chart in a numbered seat so that an attendance record can be kept. Use only your assigned seat. Attendance and your performance in the course are closely interrelated; thus, a perfect attendance record is encouraged. You are allowed four (4) absences on a Tuesday/Thursday or Monday/Wednesday schedule, six (6) absences on a Monday/Wednesday/Friday schedule, or three (3) absences on a summer schedule. Absences that are documented and University approved will not be counted. The following constitutes an excused absence: a) illness if documented by doctor for class day b) death in family if documented by obituary clipping or funeral home notification c) jury duty if documented by note from judge or other official d) school function if documented by University official. Arriving late to class two (2) times will count as one absence. Let me know if you come in late at the end of the lecture period; otherwise, you will be marked absent. This is your responsibility the day the absence occurred. If you accumulate more absences than allowed, your course grade will be lowered to the next lower letter grade (example: from C to D). Twice the number of absences allowed will lower your grade two letters (example: from C to F), and so on. You may not leave the class early or at any time unless 1) you become ill or 2) have prearranged with me. Leaving during the class period, studying for another class, checking/exchanging texts, or sleeping during class counts as an absence. Cellular phones and pagers are not allowed in the classroom due to distractions that they may present. Do not exchange text messages during class.

8. Classroom distractions are PET PEEVES of the instructor!

9. If you have not been late/absent during the semester or have not been observed checking/exchanging text messages during class, two (2) points will be added to your final lecture average. This is the only way to improve your final grade (i.e., there are no "special assignments or projects" to boost your grade!).

10. If your lecture average is 93 or greater (before attendance points are added), you will be exempt from taking the final exam. Check with the instructor before assuming exemption status.

11. When sending email messages to the instructor, please indicate on the subject line that your message pertains to this class. The address of the sender does not always accurately identify the person sending the message; I prefer email to be sent via D2L. You cannot have D2L email forwarded to a different account and respond. Rather, you must enter D2L to reply to a message.

12. Written examinations or assignments may be given on the next to the last day of the semester.

13. Your semester grade is based on the following:
   - 4 exams (Exam 1, 2, 3, 4 @100 pts) = 400 Total Points
   - Average = Total Pts / 4

14. Students with documented disabilities and need course adaptations or accommodations should contact the Office of Disability Services (Human Services Building, Room 325). Please make an appointment with me so that we can address your needs because special accommodations for individuals with documented disabilities can be provided. SFASU is an Equal Opportunity Provider, so it is the policy of SFASU to provide equal opportunity on the basis of merit without regard to race, color, religion, sex, age, national origin, handicap, or veteran status.

15. The University Policy on Cheating and Plagiarism is: http://www.sfasu.edu/upp/pap/academic_affairs/academic_integrity.html.

16. This course meets certain objectives of the TExES/TEKS. A copy of the objectives and course correlation is available in the TExES advisor’s office.

17. Check Gol 132 lab D2L to determine the date that your lab begins; an online lab tutorial (fossils) is posted in this D2L file.