

Geology 1403 - Physical Geology
Tentative Schedule - Fall 2008
J.C. Cepeda - Professor of Geology

| Date | Topic | Assignment |
|---------|---|---------------|
| Aug. 25 | Earth Cycles, Atoms & Elements | Chap. 1 |
| Sept. 1 | HOLIDAY/Atoms, Elements & Minerals | Chap. 2 |
| 8 | Minerals, Introduction to Igneous Rocks | Chap. 3 |
| 15 | Volcanic Processes - HOUR TEST 1 | Chap. 4 |
| 22 | Plutonic Rocks | |
| 29 | Weathering & Soils | Chap. 5 |
| Oct. 6 | Sediments & Sedimentary Rocks - HOUR TEST 2 | Chap. 6 |
| 13 | Sedimentary Rocks | Chap. 6 |
| 20 | Metamorphic Rocks | Chap. 7 |
| 27 | Streams - HOUR TEST 3 | Chap. 9 |
| Nov. 3 | Streams (Conclusion) & Groundwater | Chap. 10 |
| 10 | Glaciers & Glaciation | Chap. 11 |
| 17 | Earthquakes & Plate Tectonics - HOUR TEST 4 | Chap. 14 & 15 |
| 24 | Plate Tectonics | Chap. 16 |
| Dec. 1 | Earth Resources - MAKE-UP TEST | Chap. 16 |
| 8 | (Mon.) FINAL EXAM at 11:00 a.m. | |

LEARNING OBJECTIVES

- To explain by graphical depiction and discussion the relevant Earth Processes including volcanism, seismology glaciation & sedimentation.
- To explain the relevant terminology of geology and the Earth Sciences including rock classification, minerals, and names of the most common landforms and processes.

GRADING

Four hour tests will be given. There will be ONE MAKE-UP TEST given on Dec. 1. Only students who have missed a test will be allowed to take the Make-Up Test. The lowest of your 4 hour test grades will be dropped. The final grade in this course will be calculated as follows:

| | |
|--------------|------------|
| 3 HOUR TESTS | 60% |
| LAB GRADE | 25% |
| FINAL EXAM | <u>15%</u> |
| TOTAL | 100% |

TEXTBOOK

Essentials of Geology, (8th Edition) by Lutgens & Tarbuck.

OFFICE HOURS (ROOM 322 - 651-2584)

Mon. & Wed. 11:00 -11:30 a.m.

Mon. & Tues. 4:30-5:00 p.m.

And by Appointment

Last day to drop or withdraw with a guaranteed grade of "X" is Oct. 10. After this date, a grade of "X" will be assigned only if your average is 59.5 or higher. Oct. 31 - Last day to drop or withdraw.

Disability Statement: West Texas A&M seeks to provide reasonable accommodations for all qualified persons with disabilities. This university will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to register with disability support services and to contact the faculty member in a timely fashion to arrange for suitable accommodations.

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