

Physical Science 111 - Summer 2001

Section: 111 AB

Instructor: Dr. I. M. Distinguished

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Office Hours: Wed. 1:00 pm – 2:00 pm

Meeting Time: Mon. & Wed. 8:00 am - 1:00 pm Rm. 3833

Required Materials:

Text: *Earth Science*, by **Tarbucks & Lutgens**,
9th Ed., Prentice Hall, 2000.

Catalog Description: General Course I - Introduction to the scientific method, astronomy, geology, meteorology. Writing assignments, as appropriate to the discipline, are part of the course. 3 lecture hours and 2 lab hours per week. *4 credit hours*.

WAC: Writing Across the Curriculum (WAC) assignments will be required as appropriate to the topics.

Course Content: This course will highlight **Geology, Astronomy and Meteorology**.

Laboratory work: The lab component is part of PS111 and will reinforce concepts introduced in lecture. Generally labs will be performed in a group setting. Usually individual quizzes will be given at the end of the period to assess what each student learned from the lab. The lab grade will be the quiz grade. Students will be allowed to use the lab when completing the quizzes. With a few labs there will not be an associated lab quiz. In these cases lab reports may be collected and graded.

Grading: Your final grade will be calculated as follows:

Labs	20% (lowest lab grade is dropped)
Midterm Exam	30%
Final Exam	30%
Short Quizzes	10% (lowest 2 quiz grades dropped)
Homework	10%

Approximate letter grade: A 100-90, B 78-89, C 67-77, D 55-66

Lecture Quizzes: A quiz will be given frequently except when a major exam is scheduled. Quizzes will be given after a short review of the homework at the beginning of the class period. No make-up quizzes will be given; instead the lowest one or two quiz grades will be dropped. In the event that you miss any quiz, a grade of zero will be entered for it.

Homework: Doing homework will increase your chances of success in this class. Homework will be assigned twice weekly and will be due on the next class period (unless otherwise stated). The homework's will be accepted one week late ***but no later*** and late homework will start off at 50% of the maximum. You are responsible for all homework's. If you miss a class you will need to request any handouts or homework assignments you missed. ***NB: This is your responsibility.***

Laboratory Schedule

Experiment

June 20	Minerals
June 25	Rocks
June 27	Growing Crystals from Solution
July 2	Geological Models #1
July 4	Holiday
July 9	Geological Models #2
July 11	Map Reading
July 16	Epicenter activity + Latitude & Longitude activity
July 18	Ellipses and Kepler's Law of Area
July 23	Phases of the Moon
July 25	Skylab
July 30	Air and air pressure
August 1	Satellite Images and the Weather
August 6	Chasing Hurricanes
August 8	Final/Make-up lab