# General Science 3310 - Fall 2007

**Tentative Lecture Syllabus** Aug 22, 2007

**Instructor:** Mrs. Maureen Lemke  
**Office:** Supple Bldg. 212-A  
**Office Phone:** 245-4809  
**e-mail:** ml43@txstate.edu  
**Office Hours:** Monday – Thursday 2:00-3:00 or by appointment

(Also see: Course Policies and Procedures)

<table>
<thead>
<tr>
<th>Week of</th>
<th>Lecture Topic</th>
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<tbody>
<tr>
<td>Aug 23</td>
<td>Science Basics</td>
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| Aug 28  | **Eclipse** extra credit (bring to class)  
Science Inquiry and Investigations |
| Sept 4  | Chemistry  
Minerals |
| Sept 11 | Star Watch/Moon Watch |
| Sept 18 | **Test 1**  
Oceans |
| Sept 25 | Oceans  
Rocks  
**Complete and Turn in Star and Moon Watch** |
| Oct 2   | Rocks  
Weather Watch  
Water Landscapes  
Glacial and Arid Landscapes |
| Oct 9   | Plate Tectonics  
Restless Earth (Earthquakes)  
Igneous Activities (Volcanoes) |
| Oct 16  | **Test 2**  
Landscape by Water |
| Oct 23  | Landscape by Water  
Glaciers and Deserts |

**Textbook Reference**

- Pages 18-21  
  Chapter 1
- Ch 9
- Ch 10  
  Ch 2
- Ch 2  
  Ch 3  
  Ch 4
- Ch 5  
  Ch 6  
  Ch 7
- Ch 3  
  Ch 4
| Oct 30 | Geologic Time  
Texas Geology | Ch 8 |
|--------|-----------------|------|
| Nov 6  | The Atmosphere  
Clouds and Precipitation  
Atmosphere in Motion | Ch 11  
Ch 12  
Ch 13 |
| Nov 13 | Weather Patterns  
**Test 3** | Ch 14 |
| Nov 20 | **Complete and Turn in Weather Watch**  
THANKSGIVING |       |
| Nov 27 | Solar System  
Universe | Ch 15  
Ch 16 |
| Thursday, Dec 6 8:00 pm  
Tuesday, Dec 11 2:00 pm | Comprehensive FINAL for section 11 (TH 5:00)  
Comprehensive FINAL for section 10 (TH 3:30) |       |

**Periodic Journal assignments will be completed and turned in. The Journal grade will be an average of the assignments.**
General Science 3310 - Fall 2007
Section 10  3:30-4:45   Section 11  5:00-6:15

Course Policies and Procedures
(also see Course Syllabus)

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COURSE DESCRIPTION: A laboratory course designed to acquaint the student with the fundaments of earth space science.  Non-creditable for science majors.  A required course for EC-4 Generalist certification, grades 4-8 Science certification and grades 4-8 Mathematics/Science certification.  Prerequisites: PHYS 1310, 1320, and 1110 or PHYS 1410, 1420 with a C or better.

GOALS: The goals of General Science 3310 are:
• to increase students' awareness, knowledge, and appreciation of the physical world;
• to show how knowledge about the physical world is built upon the work of others;
• to provide opportunities for students to learn about the physical world through observation, data gathering, organization and interpretation of data;
• to promote questioning and critical thinking about the Earth and how we go about understanding it.

REQUIRED MATERIALS:
Lecture
2. Science TEKS for your certification level (K-5 or 6-8)
   A copy will be handed out in class.  If you misplace it, you must print your own from:  http://www.tea.state.tx.us/rules/tac/chapter112/index.html
3. Lab notebook (see Lab 1 below)
4. Class Journal (lined paper – bound or spiral)
Lab
1. Quadrille ruled notebook (needed at 1st lab)

ATTENDANCE: Attendance of all class meetings is strongly encouraged.  If you are absent, you will receive a grade of “0” on any grades taken (make-ups allowed only with a note from a doctor, Dean of Students or other TSU personnel.)  If a project is due on a day you are absent, you must have turned it in early or have someone turn it in for you.  If it can be sent via e-mail, that is also acceptable.  You are responsible for getting any information or material you missed.
If you are tardy to class, you must provide a note stating such at the end of class.  Failure to do so may result in an absence.  Two tardies will result in one absence.  6 absences may result in failing the class.

GRADING:
Activities (including quizzes) 15%  
Projects 20%  
Exam Average 20%  
Final Exam 20%  
Laboratory 25%  

Activities (15%): On some days, in-class activities will be turned in or unannounced quizzes will be given. If you are absent, a “0” grade will be recorded (no make-ups.)

Projects (20%): Journal, Weather Watch, Star/Moon Watch

Unit Exams (20%), Final Exam (20%): Will cover material from lecture including discussions, demonstrations, hands-on activities, and any other assignments made. Labs will be discussed in lecture, expect questions about the labs on exams. Final exam is comprehensive.

Laboratory (25%): A student must pass the laboratory with a 59.9% or better in order to pass the course.

DROPPING WITHOUT PENALTY: The University specifies deadlines for dropping a course. Student may drop a course for refund until September 7 and with an automatic "W" until October 22. After that date, a W will be given if a student is passing the course at the time the course is dropped and an F will be given if the student is failing at the time the course is dropped. See me BEFORE you drop to ascertain the grade that will be recorded.

INCOMPLETES: Incomplete (I) grades can only be given if one requirement of the course has not been completed (ex: missing the final examination due to hospitalization). Students receiving an incomplete grade must complete the requirement by the end of the next semester or receive an F grade in the course.

HONOR CODE  
The University policies regarding academic dishonesty, including definitions and disciplinary actions, can be found at http://www.txstate.edu/effective/upps/upps-07-10-01.html. Students involved in academic dishonesty will be reported to the Office of Teacher Education and Field Experience.

FITNESS TO TEACH  
According to the College of Education, faculty members are to identify and report any concerns regarding a student’s fitness to teach in the following areas: knowledge, abilities, disposition and character.

DISABILITY
If you are a student with a disability who will require an accommodation(s) to participate in this course, please contact me within the first two weeks of the semester. You will be asked to provide documentation from the Office of Disability Services. Failure to contact me in a timely manner may delay your accommodations.