

**EARTH SYSTEM SCIENCE III (ES 106 Lab)**  
**POLICIES AND PROCEDURES**  
**Spring Term 2006 - Western Oregon University**  
**Wed. 11:00 AM - 1:00 PM; Room 17 Natural Sciences Bldg.**

INSTRUCTOR: Dr. S. Taylor

OFFICE: RM 210 Natural Sciences Bldg

OFFICE HOURS: TW 1-3 P.M.

PHONE: (w) 838-8398

WEB SITE: [www.wou.edu/taylor](http://www.wou.edu/taylor)

E-MAIL: [taylors@wou.edu](mailto:taylors@wou.edu)

REQUIRED TEXTS:

Earth and Physical Sciences Dept., Western Oregon University, 2005, Lab Manual to Accompany ES106 Lab - Foundations of Physical Science.

COURSE DESCRIPTION:

This is a laboratory course designed to accompany ES106 Lecture and provides an introduction to physical science, oceanography, meteorology, and climate change. The course serves as a general science elective, with a focus on science appreciation and conceptual workings of the planet Earth. Emphasis is placed on intuitive discovery of concepts developed during the lecture period.

WEB SITE:

Notes, study guides and lab answer keys will be available on the class web site at [www.wou.edu/taylor](http://www.wou.edu/taylor) follow the links to the ES106 web site. The lab section is towards the lower 2/3<sup>rd</sup>s of the page.

EVALUATIONS AND EXPECTATIONS:

Student performance in the lab will be evaluated on the basis of in-class lab exercises. The following is a breakdown of evaluation points:

Lab Exercises (9 x 7.5)	68 pts
Lab Quizzes (2 ea x 25 pts)	50 pts

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Total	118 pts
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\*Grades will be renormalized to 100 for entry in overall class grade

"Passing Grade": Greater than or equal to 60% of total points possible

"Failing Grade": Less than 60% of total points possible

The lab portion of the course is NOT given a grade directly, but scores are incorporated into the overall lecture grade at the end of the term. The labs represent a significant component of the class. All lecture sections of GS106 will be distributed across different lab instructors. Be aware that some of you will have the same lecture and lab instructor, while others will not. The following are the terms and conditions of the Lab-portion of the class:

- 1) You must pass the lab to pass the course! For example, if you have an "A" in lecture, and an "F" in lab, you will receive an "F" for the entire course. Moral of the story, attend and successfully pass the lab.
- 2) There are nine (9) lab exercises worth a total of 68 pts. You must successfully complete a minimum of six (6) labs to pass the course. Completing six (5) or less lab exercises will result

in an "F" for the course.

- 3) Lab exercises turned in late will result in an automatic point reduction, at the discretion of the lab instructor.
- 4) Lab exercises will be graded for quality of content and completeness.
- 5) The last day to turn in all lab materials is the last day of classes, before finals week.
  
- 6) The specific lab instructor has the final say in all lab grading. The lecture instructors will abide by the lab instructors grading procedure.

Make-up Exercises and Incompletes

Under NO circumstances will make-up exercises be administered without prior arrangement and good reason, with a signed administrative excuse. Please show up on lab day! Under NO circumstances will a grade of "incomplete" be issued in the last week of class. If you find yourself in a situation where you can't complete the required course work, please make arrangements with the instructor prior to the last week of class. Contact the Office of the Dean of Students (838-8365) for assistance in arranging incompletes.

**ATTENDANCE POLICY:**

Absences with written excuses for medical reasons or university-related functions may be used to arrange make-up work with the instructor. As with incompletes, contact the Office of the Dean of Students to arrange for written excuses (838-8365).

**LAB SCHEDULE**

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<u>Week</u>	<u>Date</u>	<u>Lab Exercise</u>
1	Apr 5	No Lab
2	Apr 12	Lab 1: Properties of Water    Take Home Assignment
3	Apr 19	Lab 2: Heat and Temperature
4	Apr 26	Lab 3: Introduction to Oceanography
5	May 3	Lab 4: The Dynamic Ocean Floor; <b>Quiz 1 (25 pts)</b>
6	May 10	Lab 5: Earth-Sun Relations and Atmospheric Heating
7	May 17	Lab 6: Moisture in Atmosphere
8	May 24	Lab 7: Climate of Oregon
9	May 31	<b>No Labs This Week</b> ; Take Home Lab: Weather Data Collection
10	June 7	Lab 8 TBA; <b>Quiz 2 (25 pts)</b>
11	Finals Week - No Lab (Final for Lecture Only)	