

## INTRODUCTORY OCEANOGRAPHY LAB

Gly 150L, Fall 2007

Dr. Dewey D. Sanderson

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**Office Hours:** M,F,W: 9:00-10:00 & 12:00-1:00; T, 10:00-12:00; other times by appointment

**Grade Scale:** A-90's, B-80's, C-70's, D-60's, F-less than 60

### **Tests:**

There will be three(3) tests during the semester and these will be the basis of your course grade. The third test is the last exam and will be given during the last regular class meeting. Makeup exams will be given only once on Friday, November 30, Room 167 at 1:00 p.m. You are only allowed one makeup exam and all exams must be taken.

### **Attendance:**

Roll will be taken each class meeting. Credit for attendance will not be given at a later date if you do not sign the attendance sheet. If you are not able to attend class, it is your responsibility to find out what was covered and assigned during your absence. Excused absences can be obtained with proper documentation from the Dean of Student Affairs office in the Student Center.

### **Grading:**

Each test will be given equal weight in calculating your final average. Individual tests may be scaled as necessary. As a bonus, if you have no more than three absences, the lowest of the three test scores will be given half weight of the two higher test scores in calculating your final average. If you have excessive absences, more than one-third of the class meetings, your final average will be simply on the basis of your three raw test scores without any scaling that might have been applied. **Use your absences wisely if you must be absent from class.**

### **Cheating:**

Any irregularities on the attendance sheet will result in the loss of the attendance bonus and loss of one letter grade from your final average. Cheating on a test will result in a "0" on that test which will be used in figuring your final average.

**Course Outline**  
**INTRODUCTORY OCEANOGRAPHY - GLY 150**

**Text:**Introduction to Ocean Science, 2nd ed., Douglas A. Segar, 2007

**Course Objectives:** Starting from basic physical principles, show how the oceans and atmosphere are intimately connected and influence the earth's climate. To provide the knowledge, understanding and appreciation of the many features and dynamic processes that occur in the oceans and many of which can be seen at seashores.

**Topics**

**Readings**

- I) Major concepts
- II) Structure and dynamics of the Earth

Chap. 3  
Chaps. 4, 5

**Test 1**

- III) Physical & chemical properties  
of seawater
- IV) Ocean-Atmosphere Interactions
- V) Oceanic circulation

Chap. 7  
Chap. 9  
Chap. 10

**Test 2**

- VI) Waves
- VII) Tides

Chap. 11  
Chap. 12

**Test 3**

- VIII) Coastal features & processes
- IX) Life in the sea

Chap. 13  
Chap. 14

**Final exam**