

Elementary Oceanography OCE-1001 Spring 2007

Time: T, R 02:00-03:15 (section 01); 3:35-4:50 (section 02)

Place: 275 FLH

<u>Instructors</u>	<u>Office</u>	<u>Office Hours</u>	<u>Phone</u>	<u>EMAIL</u>
Prof. K. Speer	431 OSB	T, R 5:00-6:00PM	645-4846	kspeer@fsu.edu
Prof. G. Weatherly	429 OSB	T, R 10:00-11:00AM	644-2875	weatherly@ocean.fsu.edu

TAs

Vincent Faure	442 OSB	T, R 10:00-11:30AM		faure@ocean.fsu.edu
Athena Rycyk	302 OSB	F 3:00-4:00PM		rycyk@ocean.fsu.edu
Jimmy Nelson	505 OSB	T, R 12:00-2:00PM		nelson@ocean.fsu.edu

Text: A.P. Trujillo and H.V. Thurman, *Essentials of Oceanography: 8th edition*, Prentice Hall.

Note there is an electronic version of the text which may be cheaper than the paper version, available at:
<http://www.safarix.com/0131635719>

Course Web Site: We will use the campus Blackboard site: <http://campus.fsu.edu>

Objectives: To introduce you to the ocean and other components of the Earth's climate system, so that you will have a better appreciation for how it works and influences your lives. In addition, this course seeks to provide you with an understanding of the scientific process and the role of technology in supporting scientific study.

Homework: You are responsible for doing the exercises (Understanding the Concepts, Visualizing Oceanography, and Critical Thinking) for each chapter on the Text Web Site: <http://www.prenhall.com/trujillo>
When you complete each section, use the web site link to email your scores to us (instructions on pg. 3).

Section Quizzes: Four Section Quizzes will be given during the semester, each quiz covering 3-4 chapters. Quiz questions will be from the homework exercises given on the text web site and material covered in class.

Final Exam: A Cumulative Final Examination will be given at the scheduled final exam time.

Extra Credit: At the end of each class a Question of the Day will be asked, and you can receive as much as five extra credit points toward your final grade. You must bring a sheet of paper on which to write the question and answer. You will sign and turn in the sheet at the end of class.

Attendance Policy: It is to your advantage to attend the lectures since each lecture will conclude with an extra credit "Question of the Day", and each exam will include material covered in the lectures. Additional films and demonstrations will be shown periodically. Late arrival and/or early departure and talking during lecture are disruptive and disrespectful. We will keep records of such behavior, and three instances will lower your grade by 10% (one whole grade step).

Honor Code and Cheating: You are bound by the FSU Academic Honor Code as written in the FSU Student Handbook. The first cheat on a test results in a grade of zero for that test, and the second results in an "F" for the course.

Learning Assistance: We will be available for regular office hours to discuss the lecture material, the homework sets, exam grading, or just to talk about marine science. TA's may conduct extra meetings upon request. We are here to help you learn about Oceanography. If you are having trouble with the class, please do not wait until the end of the semester to ask for help.

This syllabus is a guide to the course and is subject to change with advanced notice.

Grading Procedure: Your combined Homework score will count as one quiz grade. The homework, four quizzes, and the final, yields six possible 100% scores, and we drop the lowest score before calculating your grade. In the example below, the student scored well on the homework and all four section quizzes, so they

could get a “zero” on the final exam, since that would be their lowest score and would therefore be dropped. **Make-up quizzes will not be offered.** If you miss one quiz, thus earning a “0” score, that would be the score we would drop. If a quiz conflicts with your plans to observe a religious holy day, it is your responsibility to make prior arrangements. If you get sick, get arrested, have an accident, or must be out of town, **MAKE PRIOR ARRANGEMENTS WITH THE TAs BY EMAIL OR IN PERSON BEFORE YOU MISS A QUIZ!!**

<u>Example:</u>		<u>Grading Scale</u>	
HW	90/100	≥90.00	A
Quiz 1	85/100	≥86.66	A-
Quiz 2	79/100	≥83.33	B+
Quiz 3	75/100	≥80.00	B
Quiz 4	89/100	≥76.66	B-
Final Exam	0/100	≥73.33	C+
	418/500=83.60% (B+)	≥70.00	C
Extra Credit (95% of QoD= 0.95x5)	4.75%	≥66.66	C-
Grade	88.35% (A-)	≥63.33	D+
		≥60.00	D
		≥56.66	D-

Topics to be covered:

<u>Date</u>	<u>Reading Assignments</u>		
Jan. 9T	Introduction to Planet “Earth”	Chapter 1	
11R	Intro.; Plate Tectonics & the Ocean Floor	Chapts. 1& 2	
16T	Plate Tectonics & the Ocean Floor	Chapter 2	HW1 Due
18R	Marine Provinces	Chapter 3	HW2 Due
23T	Marine Sediments	Chapter 4	HW3 Due
25R	Marine Sediments	Chapter 4	
30T	Quiz 1		HW4 Due
Feb. 1R	Water and Sea Water	Chapter 5	
6T	Water and Sea Water	Chapter 5	
8R	Air-Sea Interaction	Chapter 6	HW5 Due
13T	Ocean Circulation	Chapter 7	HW6 Due
15R	Ocean Circulation	Chapter 7	
20T	Waves & Water Dynamics	Chapter 8	HW7 Due
22R	Waves & Water Dynamics	Chapter 8	
27T	Quiz 2		HW8 Due
Mar. 1R	Tides	Chapter 9	
6T	No class, Spring Break		
8R	No class, Spring Break		
13T	Tides	Chapter 9	
15R	The Coast: Beaches & Shoreline Processes	Chapter 10	HW9 Due
20T	The Coast: Beaches & Shoreline Processes	Chapter 10	
22R	The Coastal Ocean	Chapter 11	HW10 Due
27T	The Coastal Ocean	Chapter 11	
29R	3 rd Quiz		HW11 Due
Apr. 3T	Marine Life & the Marine Environment	Chapter 12	
5R	Biological Productivity & Energy Transfer	Chapter 13	HW12 Due
10T	Animals of the Pelagic Environment	Chapter 14	HW13 Due
12R	Animals of the Pelagic Environment	Chapter 14	
17T	Animals of the Benthic Environment	Chapter 15	HW14 Due
19R	4 th Quiz		HW15 Due
23M	Final Exam Section 01 (2:00-3:15PM)	10:00-12:00 AM	255 FLH
24T	Final Exam Section 02 (3:35-4:50PM)	05:30-07:30 PM	255 FLH

Instructions for Completing the Homework Sets

I. Set up Your Profile to Report Your Homework Scores

Go to the textbook web site: http://wps.prenhall.com/esm_thurman_essofocean_8

Click on any Chapter number in the top line of chapter numbers.

Click on Profile in the left-hand column of choices.

NOTE: The profile you will create is stored on the computer you are using to submit your homework scores. If you use a different computer to complete a homework set, you will need to set up the Profile all over again.

Enter your first and last name. Use single words for both (no spaces or punctuation marks in your names).

Enter your FSU email address.

Do not enter any Instructor information.

Do not enter any TA information.

Enter in the "Other" categories:

Other name: homework1001

Other email: homework1001@ocean.fsu.edu

In the last section, "Send quiz results to:"

Click "Other"

Choose to send your results "as plain text". **THIS IS IMPORTANT!**

Click "Save Profile" to save your profile, then close the Profile window.

II. Completing the Homework and Submitting Your Scores

There are three sections of homework problems for each chapter. You must complete and submit each section to get full credit.

1. Go to the textbook web site: <http://www.prenhall.com/trujillo> and click on a Chapter number in the top line of chapter choices.
2. Click "Understanding the Concepts", or "Visualizing Oceanography", or "Critical Thinking".
3. Answer all of the questions by clicking on your correct answers. Some questions have a "Hint" that will help you choose the correct answer. Some questions have multiple answers. Read the Instructions for each homework section carefully.
4. When you have answered all of the questions, click "Submit answers for grading" at the bottom of the section.
5. You will then see "Your Results" for this section along with a "Summary of Results". The correct answers will be shown for any incorrect answers you submitted. You should make a list of these correct answers, then go back to Step 2 and re-enter correct answers for all of the questions. You can go over each homework section as many times as you want to get 100% correct before you submit your scores.
6. After you have entered your final answers, click on "Submit answers for grading" again. Once you are satisfied with your score, you should print your answer sheet (click "Print this page" at the top right corner of the screen) for two reasons: (1) as a study guide for the quizzes as some questions will be from them and (2) as a backup to show us you indeed did the homework in case your scores are not being recorded.
7. Now you need to email your score to homework1001@ocean.fsu.edu. You will see the "Email Your Results" panel at the bottom of each section. Your profile information will already be entered, so click on "E-Mail Results" to submit your scores. Be sure to do all three sections: "Concepts", "Visualizing Oceanography", and "Critical Thinking".

We will attempt to update the Posted Grades once per week, assuming no computer problems, so you will be able to track your progress through the semester.

Remember, if you attend class regularly to earn your "Question of the Day" extra credit points, and complete all of the homework sets, and complete the first four section quizzes, you may not have to take the final exam to get an A (since we will drop your lowest score, such as a zero score on the final exam, before assigning grades).