

Syllabus: INTRODUCTION TO OCEANOGRAPHY

OCE 1001, Summer B, 2016 (Sec. 4H90, On-line Course, 3 credits)

*What does the deep sea say? Oh what does the deep sea say?
It moans, it groans, it flashes and it foams, And rolls on its weary way* (Traditional)

Instructor

Andrew R. Zimmerman, Ph.D.

Associate Professor, Department of Geological Sciences, University of Florida

364 Williamson Hall, P.O. Box 112120, Gainesville, FL 32611 (I will not be in Gainesville at any time during the semester but we could have a skype meeting if you like)

e-mail: azimmer@ufl.edu (but communicate with me mainly through Canvas messaging)

website: <http://people.clas.ufl.edu/azimmer/>

Teaching Assistant

Kyle Bostick, WM Hall 278, e-mail: bostickkw@ufl.edu (you are welcome to make an appointment to visit)

Overall Course Objectives

- Learn the major geological, physical and biological characteristics of Earth's marine realm.
- Understand the role of the ocean in shaping the global Earth environment.
- Develop an enhanced awareness of how the ocean influences human well-being and vice versa.
- Discover an excitement about science and how it can enhance our appreciation for the complexity and beauty of the world around us and solve real-world problems. Hopefully, this will translate into an eagerness to explore science-topics further and to vote and consume goods as a scientifically-educated citizen.

Course Website

All learning material, homework, exercises, quizzes, exams and discussions for this course will be carried out on the UF Canvas system website. Go to <http://lss.at.ufl.edu/> and click on the e-Learning in Canvas to Log In. You must have an active GatorLink ID to access the course website. If not, go to the GatorLink website (<http://gatorlink.ufl.edu>) or call the help desk at 392-HELP for assistance.

Structure of the Course

During each of the six weeks of the course, 2 – 4 modules must be completed. Each module is composed of 3 – 4 lessons delivered as a combination of short lectures, readings, animations, web links and additional materials for further exploration. Each week, students will have Monday –Thursday to complete the exercise(s) for that week and Friday – Sunday to complete the discussion and a quiz that covers the material presented throughout that week. The last week of the term, the Final Exam must be completed by Saturday (all 'days' end 11:59 pm).

See the course 'Due Dates' handout for a listing of the specific dates that each activity is due. Each student is responsible for completion of each activity of the course on time, for checking the Canvas site for announcements, and to see that your grades are being correctly recorded in the Canvas gradebook. No grade will be changed more than one week following the date it was due. It is recommended that students adjust Canvas settings so that Announcements are sent to phone or email.

Grading

Your semester grade will be determined as follows:

6 Exercises (3% each)	18% of final grade	- Due by each Thursday by 11:59 pm
3 Group Discussions (3% each)	9% of final grade	- Friday – Sunday by 11:59 pm
5 End-of-Module Quiz (50% each)	50%	- Friday – Sunday by 11:59 pm
1 Final Exam	23% of final grade	- Fri. Aug. 5 th (6 am) – Sat. Aug. 6 by 11:59 pm

Final letter grade:

A = $\geq 93\%$, A- = 90-92.99, B+ = 87-89.99, B = 83-86.99, B- = 80-82.99, C+ = 77-79.99,
C = 73-76.99, C- = 70-72.99, D+ = 67-69.99, D = 63-66.99, D- = 60-62.99, E < 60

There will be no ‘rounding up’, but in a border line cases, I may check the quality of your participation in discussions as well as your time spent on the course textbook and companion website (see extra credit below). ***Note:** An earned grade of ‘C-’ grade or below does not qualify for major, minor, Gen. Ed., or college basic distribution credit. *For further information on UF's Grading Policy, consult:*

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Quizzes and Exams

Everything associated with the class, including lecture material, book readings and exercises are fair game on quizzes and the final exam. However, the focus will be on the material presented in lecture videos. The 5 quizzes will be 20 multiple choice questions to be answered as open book but will be time-limited (40 minutes) – thus, don’t expect to be able to look up every answer. Each quiz must be completed between Friday 5 am and Sunday 11:59 pm (EST) at the end of weeks 1-5.

The final exam at the end of week 6 will consist of 55 multiple choice questions covering all subjects presented in the course. The Final Exam will be closed book, 2 hour limit and monitored using ProctorU system (see student handout - an additional \$17.50 has been assessed to the course fee for this purpose). The final exam must be completed between Friday Aug. 5 (6 am) and Saturday Aug 6 (11:59 pm, EST).

Be sure to visit <https://www.proctoru.com/howitworks.php> to create your account, test your equipment, and to schedule your exam.

Final Exam grades will be curved to a median of 85% using a linear method described at: <http://www.ats.amherst.edu/software/excel/excel-grading/excel-grades/#CurvingGrades>.

Group Discussions

Group Discussion will take place in the Discussion link section of the course Canvas website (see tab at left) from Friday-through Sunday (11:59 pm) at the end of weeks 1, 2 and 4 of the course. Each student is required to make at least one substantive comment addressing the posed question, as well as one response to another student’s comment (each is usually at least 2-3 sentences). The best comments will utilize knowledge and insights gained from the materials presented in lectures and readings.

Recommended Textbook and Extra Credit

No text book is required for the course. Any introductory oceanography textbook that you may find, even an old one, is probably sufficient to serve as a secondary source of information that can provide

you with additional information and alternative explanations of the material covered in the lecture and on the quizzes. I have placed a few on reserve at Marston Library.

HOWEVER, use of the following textbook and its companion website will provide you with an opportunity for extra credit points that can boost your final grade tally by adding 5%. Here's the info:

Recommended (and needed for Extra Credit Assignments): Trujillo & Thurman: Essentials of Oceanography Plus Modified MasteringOceanography with eText --12/e

OPTIONS:

1. *Essentials of Oceanography 12e + Modified MasteringOceanography access code - ISBN: 0134584252 (Bound book)*
2. *Essentials of Oceanography 12e Book a la carte + Modified MasteringOceanography access code - ISBN: 0134563115 (3-hole-punched book)*
3. *Essentials of Oceanography 12e eText + Modified MasteringOceanography code: ISBN: 0134298039 (eText only)*

Students may purchase 'Modified Mastering' including the eText for \$74.95 or 'Modified Mastering' without the eText for \$38.50 through the Canvas course website once the semester has started. You won't find prices better than these elsewhere (such as on Amazon.com). If you do purchase a 'Mastering' access code elsewhere, make sure you buy 'Modified MasteringOceanography 12th edition', not 'MasteringOceanography'. A regular 'MasteringOceanography' code will not allow you to register through the Canvas course. Whether you purchase the 'Modified Mastering' from within Canvas or elsewhere, you need to register it within Canvas. The process is described here:

<http://www.youtube.com/watch?v=NIbR6zpdKRQ>.

NOTE: The 12th ed. eText won't be available until July 7. Once the eText is available, you can access it within the Canvas course. Until that date, all students will have free access to the first 4 Chapters through a link in the Canvas course. So at the start of the course, you can only buy ModifiedMastering without eText via the Canvas link. If you want the eText, you can pay the price difference after July 7. Also, all students will have free "Temporary access" to the eTEXT for 2 weeks.

If problems, students should contact Pearson tech support directly:

<https://support.pearson.com/getsupport/s/>.

This **Extra Credit** is worth a possible 5% points addition to your final grade: There are 5 assignments (worth 1% each) on the MasteringOceanography website, corresponding to weeks 1-5 of the course material. Each one can be done in roughly 2 hours. Your score on a 'Mastering' lesson will represent the fraction of the 1% extra credit you will be awarded (e.g. if you did only 2 lessons and got a 70% and a 90%, your grade would increase by $0.7 + 0.9 = 1.6\%$, or for example, boost 89% to 90.6% (a B+ to an A-).

The 'Mastering' assignments are designed to help you learn the material. It lets you stop and consult the textbook, allows partial credit for getting the answers on your second or third try or after asking for a hint. Because of this you will benefit most by completing these before taking the Canvas quiz for that week. Full credit will be awarded only if the assignment is completed by the end of the assigned week (Sunday 11:59 pm) but half credit will be awarded if completed by the end of the semester (before Thursday Aug. 4 11:59 pm when the *Mastering Access* will be closed).

No other extra credit opportunities will be offered.

Late Policy

- Exercises and Quizzes can be completed only up to one week after their due date, but will be awarded only half credit after the due date.
- Extra credit assignments (in MasteringOceanography) can be completed any time in the semester, but will be awarded only half credit after their due date.
- Discussions and the Final Exam must be completed during the scheduled time and cannot be made up if missed (except in cases as outlined in UF policies, below).
- Students are expected to complete all activities on the specified dates and will not be granted an alternate date unless they have an acceptable reason (e.g., medical emergency, military obligation) and pre-arranged consent of the instructor. These requests must be timely and accompanied by all necessary written documentation. This policy is accordance with UF's policies:
<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Academic Honesty Policy

Students must conform to UF's academic honesty policy regarding plagiarism and other forms of cheating. This means that on all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

The university specifically prohibits cheating, plagiarism, misrepresentation, bribery, conspiracy, and fabrication. For more information about the definition of these terms and other aspects of the Honesty Guidelines, see

<http://www.dso.ufl.edu/sccr/process/student---conduct---honor---code/>. All students found to have cheated, plagiarized, or otherwise violated the Honor Code in any assignment for this course will be prosecuted to the full extent of the university honor policy, including judicial action and the sanctions listed in paragraph XI of the Student Conduct Code. For serious violations, you will fail this course.

Accommodations for Students with Disabilities

Please do not hesitate to ask for accommodation for a documented disability. Students requesting accommodation must first register with the Dean of Students Office (<http://www.dso.ufl.edu/drp/>). The Dean of Students Office will provide documentation to the student, who must then provide this documentation to the Instructor when requesting accommodation. Please ask the instructor if you would like any assistance in this process. Please provide this information to your instructor within the first two days of the semester.

Additional Resources

Students facing difficulties completing the course or who are in need of counseling or urgent help may contact the Counseling and Wellness Center: <http://www.counseling.ufl.edu/cwc/Default.aspx>, 392-1575; or the University Police Department: 392-1111 or 9-1-1 for emergencies.

Other Resources available on-campus for students include:

- a. Student Mental Health, Student Health Care Center, 392-1171, personal counseling;
- b. Sexual Assault Recovery Services (SARS), Student Health Care Center, 392-1161, sexual counseling;
- c. Career Resource Center, Reitz Union, 392-1601, career development assistance and counseling.