

Tentative (not final) Syllabus

SYLLABUS
EEES 2400 – OCEANOGRAPHY AND WATER RESOURCES
Spring Semester 2011

Instructor: David Krantz david.krantz@utoledo.edu 419-530-2662

Office Hours: Tuesday and Thursday 10:00-12:00 Bowman-Oddy 3096-F

Webpage for this course: <http://www.eescience.utoledo.edu/Faculty/Krantz/oceanography.htm>

Course announcements posted on MyUT / My Courses / Oceanography

Department website: <http://www.utoledo.edu/as/envsciences/index.html> Office: 419-530-2009

Textbook: *Oceanography: An Invitation to Marine Science* 7th or 6th or 5th Edition, by Tom Garrison

Website for the textbook: www.thomsonedu.com/earthsciences/garrison

Week	Lecture Topics	Reading Assignment
1/10-12	Intro / Origins and the Big Picture	Chapter 1
1/17	No Class	
1/19	History of Ocean Exploration	Chapter 2
1/24-26	Global plate tectonics	Chapter 3
1/31-2/2	The planet Oceanus	Chapter 4; Map exercise
2/7	Wrap-up / Review	
2/9	FIRST HOUR EXAM	
2/14-16	Marine sediments	Chapter 5
2/21-23	Sediment processes / Chemistry	Chapter 5, 6
2/28-3/2	Chemistry of seawater	Chapter 7
3/7-11	SPRING BREAK	
3/14-16	Atmospheric circulation	Chapter 8
3/21	SECOND HOUR EXAM	
	*** 3/25 last day to withdraw ***	
3/28-3/30	Ocean circulation – shallow	Chapter 9
4/4-6	Ocean circulation – deep / ENSO	Chapter 9
4/11-13	Waves & Tides	Chapter 10, 11
4/18-20	Life in the Ocean	Chapter 13
4/25-27	Marine ecology / Sustainability	Chapter 14, 16

****** FINAL EXAM Tuesday, May 3 10:15-12:15 ******

Policies: Students have one week to complete all exercises. There is a one class grace period for handing in an exercise; after that, 10% is subtracted for each late day. For a missed exam, students *must* contact the instructor on or before the day of the exam to arrange a make-up exam. Students are expected to attend class in accordance with University policy – attendance is part of your grade.