

OCEA 113 Oceanography Laboratory, Cuyamaca College

Fall Semester 2009, Section 4606

Tuesday, 1 – 3:50 pm, Room H224

OCEA 113 Oceanography Laboratory acts as the laboratory component of OCEA 112. The labs in this class track (approximately) what we'll be doing in OCEA 112.

Instructor

Dr. Duncan McGehee

Office: F303

Phone: 619-660-4242

Home phone: 619-298-4856. Please don't call after 10 pm, or before 7 am.

email: duncan.mcgehee@gcccd.edu, Website: www.cuyamaca.edu/duncan.mcgehee

Office Hours: MW 5 - 6 pm, T 6 - 7 pm, W 2 - 3 pm, Th 12 - 1 pm, or by appointment

Units and Prerequisites

3 units. No prerequisites.

Text

Required: *Essentials of Oceanography*, 9th edition, Alan Trujillo and Harold Thurman, 2008, Prentice-Hall, ISBN 0-13-240122-3 or equivalent

Other Required Supplies

Scientific calculator (anything that can do trig functions like sine and cosine)

Grading

A: 90 - 100

B: 80 - 89.9999

C: 70 - 79.9999

D: 60 - 69.9999

F: < 60

16 labs, each worth 1/16 of the total 100%

Note on grades:

There will be no make-up labs. If you miss a lab for any reason, including emergencies, you'll lose the points for that lab (1/16 of the total grade, or approximately 8%). Obviously you cannot afford to miss more than one lab if you want an A.

Policies

- 1) Do your own work. If you're having difficulty
 - a) You will get a zero for that exam
 - b) I will invite you to withdraw from the class
- 2) Cell phones must be off before class begins. This includes text messages transmitted and received.
- 3) In this class we will be discussing current and sometimes controversial topics. It is vital to the free flow of information that all discussion remain courteous and respectful.

Important Dates

4 September: Final day to add classes, or to drop without a 'W'.

12 November: Final day to drop classes.

This course adheres to policies outlined in the Cuyamaca College Catalog. For further information, please see the section of the catalog entitled *Academic Policies*.

subject to minor changes -

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Tentative schedule

Week	Date	Lab Topic
1	25 Aug	Lab Introduction, Navigation Lab
2	1 Sep	Navigation II Lab
3	8 Sep	Bathymetry Lab
4	15 Sep	Sediments Lab
5	22 Sep	Salinity Lab
6	29 Sep	Seawater density Lab
7	6 Oct	Air-Sea Interaction Lab
8	13 Oct	Mission Bay Cruise
9	20 Oct	Waves Lab
10	27 Oct	Tides Lab
11	3 Nov	Beaches, Cliffs, & Waves Field Trip
12	10 Nov	Estuarine Tidal Prisms Lab
13	17 Nov	Stephen Birch Aquarium Field Trip
14	24 Nov	Marine Phytoplankton Lab
15	1 Dec	Point Loma Tide Pools Field Trip
16	8 Dec	Invertebrate Animals Lab

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