

OCEA 113 Oceanography Laboratory, Cuyamaca College

Spring Semester 2010, Section 8905

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: M-Th 5 – 6, TTh 12:30 – 1, or by appointment

Units and Prerequisites

3 units. No prerequisites.

Text

Required: *Oceanography – An Invitation to Marine Science, 10th Edition*, Tom Garrison, 2010, Brooks-Cole, ISBN: 978-0-495-39193-7 or equivalent (actually, any oceanography text will do)

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, equally weighted	100%
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Note on grades:

If you miss a lab for any reason, including emergencies or illness, you'll lose the points for that lab (1/16 of the total grade, or approximately 6%). Obviously you cannot afford to miss more than one lab if you want an A. There will be no make-up or take-home labs.

Policies

- 1) You will be assigned to a lab group of 4 people. You will remain in the same group for the whole semester unless irreconcilable conflicts cause the instructor to move you to another group.
- 2) Even though you're doing the lab as a group, each group member will submit his or her own lab report.
- 3) Your instructor reserves the right to ask you to leave if you are obviously sick. This is true even if you have already missed a lab (see grading policy above).
- 4) Cell phones must be off before class begins. This includes text messages transmitted and received.

Important Dates

5 February: Final day to add classes, or to drop without a 'W'.

23 April: 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*.

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Tentative schedule

Week	Date	Lab Topic
1	26 Jan	Lab Introduction, Navigation Lab
2	2 Feb	Navigation II Lab
3	9 Feb	Bathymetry Lab
4	16 Feb	Sediments Lab
5	23 Feb	Salinity Lab
6	2 Mar	Seawater density Lab
7	9 Mar	Air-Sea Interaction Lab
8	16 Mar	Mission Bay Cruise
9	23 Mar	Waves Lab
	<i>29 Mar – 2 Apr</i>	<i>Spring Break</i>
10	6 Apr	Tides Lab
11	13 Apr	Cruise Data Analysis
12	20 Apr	Estuarine Tidal Prisms Lab
13	27 Apr	Taxonomy and Natural Selection Lab
14	4 May	Marine Phytoplankton Lab
15	11 May	Point Loma Tide Pools Field Trip
16	18 May	Stephen Birch Aquarium Field Trip

subject to minor changes -