

OCEANOGRAPHY TENTATIVE SCHEDULE - FALL 2009 [updated 8/27/09]

WEEK	DATE (Tu/Th)	LECTURE TOPIC	Reading Assignment (Textbook)	LAB TOPIC	Reading Assignment (Lab Manual)
1	Sept. 1	Introduction	Ch. 1, p. 1-6	Geography of the Ocean	Ex. 2
	3	History of Oceanography	Ch. 2	Maps, Charts, Globes – Position and Time Relations	Ex. 2, con't
2	Sept. 8	Origin of Earth and Ocean	Ch. 1, p. 6-21	Nautical Charts and Navigation see textbook p. 394-400	Ex. 2, con't
	10	Structure of Earth	Ch. 3, p. 40-46	Bathymetry - Contours	Ex. 1
3	Sept. 15	Plate Tectonics	Ch. 3	Bathymetry – Profiles	Ex. 1, con't
	17	Ocean Basins and Provinces	Ch. 4	Plate Tectonic Features	Ex. 3 and 4
4	Sept. 22	Marine Sediments & Stratigraphy	Ch. 5	Marine Sediment Analysis	Ex. 5
	24	(con't)		(con't)	
5	Sept. 29	EXAM #1 (Ch. 1-5, Wk. 1-4)			
	Oct. 1	Water - Physical & Chemical Properties	Ch. 6,	Water Properties	Ex. 7 and 8
6	Oct. 6	Atmospheric & Ocean Circulation	Ch. 7 and 8	Water Masses and Stratification	Ex. 7 and 8, con't
	8	Waves	Ch. 9	Waves	Ex. 11
7	Oct. 13	Tides	Ch. 10	Tides	Ex. 10
	15	Coasts	Ch. 11	Coastal Landforms	
8	Oct. 20	Beaches	Ch. 11	Beach Sand	
	22	Estuaries		Estuarine Processes	Ex. 12 and 21
9	Oct. 27	EXAM #2 (Ch. 6-11, Wk. 5-8)			
	29	Life in the Ocean	Ch. 12	Productivity and Ecological Relationships	Ex. 16 and 18
10	Nov. 3	Classification of Marine Life	Ch. 1	Marine Ecosystems	Ex. 15 and 18
	5	Marine Plankton and Invertebrates	Ch. 13 and 14	Marine Invertebrates	<i>Seashore Life</i>
11	Nov. 10	Fish and Other Marine Vertebrates	Ch. 13, p. 310-322	Fish	<i>Seashore Life</i>
	12	"Seaweed" and Other Marine Producers	Ch. 13, p. 300-307, Ch. 14, p. 320-330	Seaweed and Marine Plants	" "
12	Nov. 17	Reefs	Ch. 14, p. 336-340	Coral Morphology	<i>Seashore Life</i>
	19	Abyssal Life and Vent Communities	Ch. 14, p. 341-344	Deep-Sea Communities	" "
13	Nov. 24	EXAM #3 (Ch. 12-14, Wk. 9-12)			
	26	HOLIDAY			
14	Dec. 1	Paleoceanography		Paleoceanography	
	3	Marine Resources	Ch. 15	Lab Review	
15	Dec. 8	LAB FINAL			
	10	Review for Final Exam			
	Dec. 15	FINAL EXAM – 12:45-2:45 p.m. Tuesday 12/15			

Criteria for Determining Final Grade:

Lecture Exams (100 points each):	300 points
Lab Quizzes (Geol/Chem/Phys) (average):	100 points
ECampus Assignments (average):	100 points
In-Class Questions (average):	100 points
Lab Exercises (average):	100 points
Lab Final (Biol/Ecol):	100 points
Comprehensive Final Exam:	<u>200 points</u>
Total for class =	1000 points

The grading system of Blinn College recognizes the following grade values:

A = 90 – 100% mastery of course material		
B = 80 – 89%	“	“
C = 70 – 79%	“	“
D = 60 – 69%	“	“
F = less than 59%	“	“

Required Textbooks & Materials

Essentials of Oceanography 5e, 2006, Garrison (Thomson/Brooks Cole)

Lab Exercises In Oceanography 3e, 2001, Pipkin et al. (W.H. Freeman)

Guide to Seashore Life (Golden Guides)

Always bring a calculator to class!