

VICTOR VALLEY COLLEGE SYLLABUS

FALL 2008

Course No.: OCEA 101

Section No.: 21525

Instructor Name: Mr. Alan Valentine

Course Title: Oceanography 101

Class Hours: 5:30 PM – 6:55 PM Days: T and Th

Units: 3

Room No.: 31-46

Telephone Ext.: 8771

FALL CALENDAR

Fall Semester Begins	August 25
Labor Day Holiday (no classes)	September 1
End of 1 st 8-week term	October 18
Beginning of 2 nd 8-week term	October 20
Veteran's Day Holiday (no classes)	November 10
Thanksgiving Holidays (no classes)	November 27-30
Fall Semester Ends	December 13

WITHDRAWAL POLICY

Last day to withdraw from a 16-week class and receive a "W" is November 4, 2008.

NOTE – CLASSES WILL NOT BE HELD ON THE FOLLOWING DATES: Monday, September 1; Monday, November 10, and Thursday through Sunday, November 27-30. CLASSES WILL BE HELD ON SATURDAY, AUGUST 30.

STATEMENT OF ACCESS: Students with special needs are encouraged to meet with instructors to discuss the opportunity for academic accommodation and be referred to disabled student program and services per Administrative Procedure (AP 3440)

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Prerequisite: None

Textbook: Essentials of Oceanography (Ninth Edition) by Alan P. Trujillo and Harold V. Thurman

Course Description: An introduction to the marine environment. Methods and techniques of exploration, physics, and chemistry of the oceans; adaptation of organisms; significance of the marine environment to man. A general study of the major aspects of oceanography; history, topography and geography, geology, chemistry, physics, meteorology, biology, and resource management.

Course Objectives:

The student will be able to:

- Identify the geological features of the ocean basins
- Describe the physical and chemical characteristics of seawater
- Define the principles of atmospheric and oceanic circulation
- Classify marine organisms by their phylogenetic and ecological relationships
- Describe the interactions between the physical and biological components of the ocean

Attendance Policy: (Class attendance is not a measure of performance or proficiency. Whether a student is just physically present in the class is not a valid basis for grading. Reference Title 5 Section 55002 of the California Code of Regulations: (A) Grading Policy. The course provides for measurement of student performance in terms of stated course objectives and culminates in a formal, permanently recorded grade based upon uniform standards in accordance with section 55758 of this Division. The grade is based on demonstrated proficiency in the subject matter and the ability to demonstrate that proficiency, at least in part, by means of written expression that may include essays, or, in courses where the curriculum committee deems them to be appropriate, by problem solving exercises or skills demonstrations by students.)

Grading Policy:

4 quizzes 60 points each (240 points)

14 in class assignments 25 points each (350 points)

Final Exam 160 points

Assignments

Reading: You should read each chapter before we discuss it in class. Please refer to the schedule.

Quizzes: Given at the beginning of class as scheduled and will consist of 20-30 questions including multiple choice, matching, and essay questions. Questions will be based on class discussions and reading assignments.

Class Assignments: These reinforce and apply the lectures. Assignments will be done during class. Some will be group assignments. Due to the nature of the materials required, some of the assignments may be completed only on the date specified. Please refer to the schedule for assignment dates.

Final Exam: The final will consist of two parts, a quiz and an essay test. The quiz (60 points) will be given on the last day of class and will cover chapters 13-15. You will receive the take-home essay test (100 points) two weeks before the last day of class. The comprehensive essay test is due on the last day of class.

Extra Credit

Students are highly encouraged to read newspaper, news magazines, and other current literature to seek out articles on oceanography. Students who turn in copies of these articles will receive extra credit for the course. A short summary (about ½ page) of what you read or learned must be attached to the news article in order to receive extra credit. A maximum of two articles will be given credit (up to 10 points each).

Dropping the Course: It is the student's responsibility to complete the drop process. The instructor's permission is NOT required to drop a class. The deadline to drop this course and receive a "W" is November 4, 2008. After that date if you have not dropped the course, you will receive whatever grade you have earned.

Code of Conduct: It is expected that students share respect and obey the standards of student conduct. Charges of misconduct may be imposed upon students who violate provisions of college regulations. The student conduct code, disciplinary action, student due process and grievance policy can be found in the catalog, student handbook, schedule of classes, office of student services, etc. Disturbing the class will not be tolerated. The instructor can drop any student who does not behave in a way appropriate to a college class. Please set cell phones and pagers to "vibrate" or "off" during class.

Academic Integrity: This class will be conducted in accordance with the college student code of conduct and standards of academic honesty. Violations of standards of academic honesty, including cheating and plagiarism, will be reported to the appropriate college disciplinary offices for evaluation and action.

Disclaimer: From time to time this syllabus may need to be amended during the semester for various reasons. Students will be notified of syllabus changes during a regularly scheduled class period. It will be the responsibility of the student to ensure that they possess the latest version of the class syllabus or information in respect to changes.

Tentative Schedule:

<u>DATE</u>	<u>DAY</u>	<u>TOPIC(S)</u>	<u>ASSIGNMENT/QUIZ</u>	<u>CHAPTER(S)</u>
August 26	T	Origins		1
August 28	Th	Ocean Exploration	Sea Floor Sounding	1
September 2	T	Earth Structure/Plate Tectonics		1-2
September 4	Th	Plate Tectonics	Plate Model	2
September 9	T	Quiz 1/Sea Floor	Quiz 1	1-2
September 11	Th	Sea Floor Provinces		3
September 16	T	Sea Floor Provinces	Atlantic Ocean Profile	3
September 18	Th	Sediments		4
September 23	T	Water	Latent Heat	5
September 25	Th	Water	Density Lab	5
September 30	T	Water		5
October 2	Th	Quiz 2	Quiz 2 and Video Notes	3-5
October 7	T	Air-Sea Interactions	Coriolis Effect Lab	6
October 9	Th	Global Warming/Circulation		6-7
October 14	T	Ocean Circulation		7
October 16	Th	Ocean Circulation	Thermohaline Circulation	7
October 21	T	Waves		8
October 23	Th	Tides	Tide Graph	9
October 28	T	Quiz 3/Coasts	Quiz 3	6-9
October 30	Th	Coasts	Video Notes	10-11
November 4	T	Coastal Ocean		11
November 6	Th	Coastal Ocean	Estuarine Fishes	11
November 11	T	Marine Life	Invertebrate Phyla	12
November 13	Th	Marine Life		12
November 18	T	Quiz 4/Productivity	Quiz 4	10-12
November 20	Th	Biological Productivity		13
November 25	T	Pelagic Animals	Video Notes	14
November 27	Th	No Class		
December 2	T	Pelagic Animals/Receive Essay Final		14
December 4	Th	Benthic Animals		15
December 9	T	Benthic Animals	Hydrothermal Vent Succession	15
December 11	Th	Final Quiz/Submit Essay Final		13-15