

OCEANOGRAPHY 001 Online
(Section 10941)

WEST LOS ANGELES COLLEGE
SPRING 2019

Instructor: Dr. Michael (Dr. OkbaMichael)

Email: okbamim@wla.edu

Office hours (online via Chat) 9:30-11:00 am M; 1:00-2:05 pm T, Th.

I. Course Web Site: Canvas <https://ilearn.laccd.edu/>

Canvas Help: <http://wla.edu/online/login.asp>

II. COURSE SCHEDULE

MODULES	TEXTBOOK READING	ASSESSMENTS and Due dates
1. Introduction to Canvas, Syllabus, post introduction	Syllabus	Syllabus quiz due 2/7 Introduction & picture due 2/7
2. Introduction to Oceanography (Module 1)	1-34 (Ch. 1 & 2)	Quiz 1 and Discussion 1 due 2/17
3. Marine Provinces (Ocean Basins) (Module 2)	37-40, 69-76 (Ch. 4)	Quiz 2 and Discussion 2 due 2/24
4. Plate Tectonics (Module 3)	59-68, 77-83, 86 (Ch. 2)	Quiz 3 and Discussion 3 due 3/3
5. Marine Sediments (Module 4)	42-43, 115-137 (Ch. 5)	Quiz 4 and Discussion 4 due 3/10
6. Review Modules 1-4	Exam 1 Study Guide	Exam 1 due 3/17 (Available from 3/11 to 3/17)
7. Water and Sea Water (Module 5)	89-114, 152-153 (Ch. 6)	Quiz 5 and Discussion 5 due 3/24
Spring Break (3/29-4/5)		None due 3/31
8. Atmospheric Circulation (Module 6)	141-152, 161-171 (Ch. 7)	Quiz 6 and Discussion 6 due 4/7
9. Ocean Circulation (Module 7)	176-204, 156-158 (Ch. 8)	Quiz 7 and Discussion 7 due 4/14
10. Review Modules 5-7	Study Guide for Exam 2	Exam 2 due 4/21 (Available from 4/15 to 4/21)
11. Ocean Waves (Module 8)	205-209, 213-225 (Ch. 9)	Quiz 8 and Discussion 8 due 4/28
12. Tides (Module 9)	231-240, 248-250 (Ch. 10)	Quiz 9 and Discussion 9 due 5/5
13. Ocean Life (Module 10)	299-315, 363-380 (Ch. 12-14)	Quiz 10 and Discussion 10 due 5/12
14. Ocean Productivity (Module 11)	283-295, 353-361 (Ch. 12-14)	Quiz 11 and Discussion 11 due 5/19
15. The Coastal Ocean & Human Impacts (Module 12)	22-24, 423- (Ch. 11, 15)	Quiz 12 and Discussion 12 due 5/26
16. Review Modules 8-12	Study Guide for Final Exam	Final Exam due 6/2 (Available from 5/27 to 6/2)

III. TEXTBOOK:

1. “*Essentials of Oceanography*.” (7th ed.) Tom Garrison OR
2. “*Introduction to Ocean Sciences*” Douglas A. Segar (4th ed.) Free online textbook available at: <http://www.reefimages.com/oceansci.php>

IV. COURSE DESCRIPTION

Oceanography (Ocean 1) is intended to provide students with a comprehensive picture of the world ocean with a multi-disciplinary approach that involves the ocean’s chemistry, physics, geology, meteorology, and biology. The course includes the following major topics: origins and history of oceanography, Earth structure, plate tectonics, ocean basins and sediments, water, circulation of the ocean and the atmospheric, waves, tides, coasts, marine life, pelagic and benthic communities, marine resources, and the use and abuse of the ocean.

V. STUDENT LEARNING OUTCOMES (SLOs)

Upon completion of this course students will be able to

1. Understand the relation between plate tectonics and locations of continents and oceans.
2. Describe the composition of the ocean floor and classification of marine sediments by origins and locations
3. Learn about the circulation of the atmosphere and the ocean and their effects on climate
4. Understand the concept of life and life in the ocean and assess the various environmental concerns related to the use and abuse of marine resources

V. GRADING

Final grade consists of the following:

1. **Quizzes** (12 quizzes, 10 points each, 60 minutes each, based on each module), the best 10 quizzes will be counted yielding total of **100 points**.
2. **Discussions** (12 of them, 10 points each, based on each module) and the best 10 will be considered toward a total of **100 points**.
3. **Exams (3 exams, total 100 points) (2 hours each)**

Questions in the quizzes, discussions and exams will be mainly based on the reading from textbook, summary notes, videos sections and the Study Guides.

Only one attempt is allowed for any quiz and exam.

Grading Scale: A = 270-300 points (90-100%); B = 240-269 (80-89%);
C = 210-239 (70-79%); D = 180 – 209 (60-69%); F = less than 180 (<60%)

No late submission and no make-up allowed for any reason. There is no extra credit activity. Two lowest quiz scores and two lowest weekly discussion forum scores will be dropped to accommodate an emergency. No submission by email or via Inbox is allowed for any activity. You are advised to complete every assignment and not wait until the last hour of the due date.

Discussion Forum Participation: Weekly discussion forum participation is mandatory. Students must first discuss the opening topic presented by the instructor in the forum,

which will be worth up to 10 points. Then, students can reply to another classmate's responses to contribute scientifically to the discussion. Students are encouraged to discuss something they found interesting that is related to the current week's topics.

VI Online Attendance Policy: Attendance is mandatory and crucial to your success in this class. If you do not complete the activities that are due at 11:59 pm on Feb. 7, you will be dropped as no show. Besides, I reserve the right to drop you from this course if you miss more than two weeks' assignments. However, you are ultimately responsible for dropping yourself from the course if you decide to no longer attend due to work conflicts, illness, or other reasons.

VI. STANDARD OF CONDUCT: *West LA College's Policies* stated on http://www.wlac.edu/academics/pdf/WLAC_Catalog_Policies.pdf will be strictly followed.

Academic Honesty: Academic honesty forms the framework of every successful student's course of study. Engaging in academic dishonesty will, at minimum, result in a score of zero for the assignment and may result in an "F" for the course. This applies not only to the individual cheating, but also anyone allowing another student to obtain information from their assignment or assisting in the cover-up of an academic dishonesty process. Plagiarism, an unlawful act that is defined as the misrepresentation of the ideas, concepts, or words of another as one's own, will not be tolerated in the course. Plagiarism on any assignments will result in a score of zero for that assignment and the student may be referred to the administration for disciplinary action.

Student Expectations: (1) reading/viewing the resources that are provided on the Canvas course website (2) completing all assignments and exams on time (3) being respectful to your fellow students and instructor in any form of communication (4) asking questions and seeking help from the instructor, the Success Centers, and/or a tutor, and (5) enjoying the course material and sharing your thoughts, opinions, and resources.

Instructor Expectations to the Class: (1) provide organized course material, (2) clarify assignments and class calendar, (3) grade and return feedback on assignments in a reasonable timeframe, (4) notify students of any changes to the syllabus and post the current version on Canvas, (5) clarify attendance expectations, (6) clarify class behavior rules, (7) treat students and student opinions with respect.

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 through Canvas, which is where announcements will occur from the instructor. It will be the responsibility of the students to ensure that they possess the latest version of the class syllabus.

If you have a disability documented by a physician and need special accommodations, please contact the DSPS office (310-287-4450, Bld SSB 320) as soon as possible.

For student support services visit: <http://www.wlac.edu/services-resources/index.aspx>

Reminder about OFFICE HOURS

Your instructor will attempt to be as widely accessible to students as possible and will maintain very effective communication with students. To this end the instructor will hold virtual office hours on the following days/times: 9:30-11:00 am M; 1:00-2:05 pm T, Th, PT (California time). During the scheduled office hours, your instructor will be online to answer questions about the course. The medium of communication during the virtual office hours will be via *Chat*. No canvas-based audio or video conversations are planned for the current semester. All chat that occurs between instructor and students can be accessed by all students enrolled in the course. For students where the above times are not suitable, they may communicate with the instructor anytime via Inbox located on the left menu, and get responses within 24 hours (Monday through Friday). I can't guarantee a 24-hour response time for questions asked during holidays and the weekend (Saturday and Sunday), but will try my best to respond as quickly as situations permit. Questions on the subject matter related to the class should be posted on the class discussion section.

A Final Note: I am excited that you are here to learn more about the world ocean. I hope you will enjoy the class and will be able to apply what you learn to the real world. If you have any questions, please do not hesitate to ask. We have a questions forum where you may post questions that may benefit the whole class, or you can always send me a private message through Inbox. We will utilize the chat feature in Canvas to hold online office hours.

Important Dates:

Last day to add: 2/18

Last day to drop without W: 2/18

Last day to drop with W: 5/5