



Houston Community College

Course Syllabus Introduction to Oceanography GEOL 1345

Fall 2018 DE/Online

CRN# 16914

(** the information contained herein is subject to change as necessitated by changes in HCC policies**)

- **Online DE Orientation must be completed prior to beginning this course**
Go to <http://de2.hccs.edu/courses/index.php?sem=6191> Enter the CRN for this course and Select “*Regular Term*” and click on “*Submit*” to enter the orientation.
- **Purchase your Textbook as soon as possible – by the first day of class.**

Instructor: Lorraine Carey

email: Prior to the beginning of the session, Contact through HCC email only (lorraine.carey@hccs.edu)

After the Session begins, use ONLY the Canvas Course Inbox

- make sure your Student ID number and Course name and CRN number are in Subject line.
- Do NOT use Comment boxes in assignments to contact me.
- Allow 24 hours turn-around time for a response.

Office Phone – 713-718-7311 Phone messages may get a delayed response if I am not in the office.

Office Location: Central Campus, LHSB 401

Office Hours (tentatively): Tues-Thurs: 8:15 – 9:15 a.m. – Additional hours TBD

Course Location/Times Distance Ed/ 100% Online using Eagle Online Canvas
(<https://hccs.instructure.com/> OR www.eagleonline.hccs.edu)

Course Semester Credit Hours: Credit Hours: 3 (Lecture Hours: 3)

Total Course Contact Hours: 48.00

Course Length: 16 weeks

Type of Instruction: Online Lecture

Course Description:

An introduction to the world's oceans, emphasizing the geological, physical, biological, chemical, and ecological aspects of the marine environment. Core Curriculum course

Course Prerequisite(s)

You Must have qualified to take these courses: INRW 0420 (formerly GUST 0342 and ENGL 0310 or 0349) – and –

*****Qualification to take MATH 0312 (Intermediate Algebra) or higher is Strongly Suggested*****

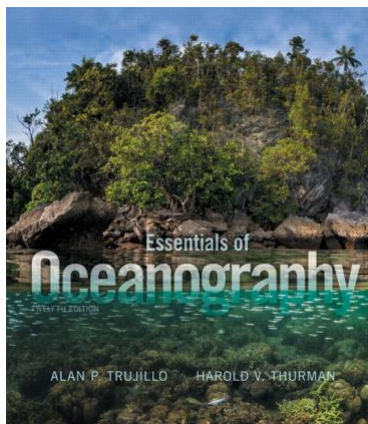
Instructional Materials: REQUIRED

Mastering Oceanography with Pearson eText -- Instant Access -- for Essentials of Oceanography, 12th Edition

Thurman and Trujillo //
Essentials of Oceanography //
12th Edition, 2017 // Pearson
Prentice Hall //

ISBN [9780134563114](#) (at HCC bookstore)

<https://www.pearson.com/us/higher-education/program/Trujillo-Essentials-of-Oceanography-Plus-Mastering-Oceanography-with-Pearson-e-Text-Access-Card-Package-12th-Edition/PGM173724.html>



NOTE:

Electronic Textbook – We will be using an **e-textbook** for this course. You will be purchasing an access code at the Bookstore –an actual loose-leaf textbook may be purchased as well. This access code will allow you to register at the textbook publisher’s website (Pearson Mastering)
Purchasing the access code at the bookstore comes with the loose-leaf paper copy.

Textbook Registration:

On the FIRST DAY of the Semester (August 27), you will create an account and register your access code by going to the publisher’s website **directly from our Canvas Course Home page**. There will be a link for Pearson Mastering. Click on that and it will take you directly to our course’s Mastering Oceanography page where you will create an account and then register your Access Code if you have already purchased one.

******* Use your HCC student email to register, and Remember to write down your password!!**

You may also purchase an Access Code at this time directly from the publisher (and avoid the HCC Bookstore mark-up). This may **not** be an option if you are on Financial Aid – check with your Financial Aid Advisor. **If you are on Financial Aid, you can purchase your Access Code directly from the HCC bookstore on the first day of the session. DO NOT WAIT!!!!**

If you have previously used Mastering for another course, then you already have an account, and you just need to enter your Access Code for this course.

At this point, you will have access to all materials available from the publisher, including the e-textbook and all study materials, including highlighting capability, practice quizzes, videos and other resources. A portion of your course grade will be determined by using and completing the online assignments as indicated on the course schedule.

If you prefer to do your reading from a more “traditional” textbook, you may also purchase a 3-hole punched paper copy of the text from the publisher at any time. This information will be on the Registration page.

******* There is a link to a short video about registering your code in the Canvas course START HERE Module. *******

Other Class Supplies:

I strongly suggest you purchase a small Calculator (Arithmetic) that performs the basic functions, and can handle Scientific (Exponential) Notation.

Course Outcomes and Objectives

Academic Program Learning Outcomes

1. Students will recognize scientific and quantitative methods. Students will evaluate the differences of scientific approaches and communicate these findings, analyses, and interpretations in oral and written communication.
2. Students will demonstrate knowledge of the major issues and problems facing modern science, including issues that touch upon ethics, values, religion, and public policies.
3. Students will demonstrate knowledge of the interdependence of science and technology and their influence on, and contribution to, modern culture.
4. Students will identify and recognize the differences in competing scientific theories.

Course Student Learning Outcomes (SLO):

1. Understand the origin and distribution of ocean sediments
2. Relate the ocean system to the larger Plate Tectonic model and other dynamic Earth systems.
3. Understand properties of seawater
4. Relate ocean conditions to Earth's climate system.

Learning Objectives:

- 1.1. Summarize the distribution of lithogenous and biogenous sediments on the ocean floor.
- 1.2. Explain how marine sediments reach the ocean floor.
- 1.3. Visualize changes in sediment thickness and composition from the mid-ocean ridges to continental margins.
- 2.1. Describe the four major components of the Earth system.
- 2.2. Explain the differences between ocean crust and continental crust.
- 2.3. Summarize the characteristics of major plate tectonic boundaries.
- 2.4. Explain how ocean basins form.
- 3.1. Calculate the density of seawater from temperature-salinity/density diagrams.
- 3.2. Interpret isothermal and isohaline maps of the global ocean.
- 3.3. Use Argo Float data to relate changes in seawater temperature and salinity with depth.
- 4.1. Compare and contrast neutral conditions in the tropical Pacific Ocean to El Nino and La Nina conditions.
- 4.2. Analyze observational buoy data in the tropical Pacific.

Core Curriculum Objectives:

This course is in the Life and Physical Science Core Curriculum category and meets the objectives of :

- Critical Thinking Skills - to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- Communication Skills - to include effective development, interpretation and expression of ideas through written, oral and visual communication
- Empirical and Quantitative Skills - to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- Teamwork - to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

HCC Policy Statements:

****Please familiarize yourself with campus policies in the HCC Student Handbook:

<http://www.hccs.edu/resources-for/current-students/student-handbook/>

- **Online DE Online Orientation must be completed prior to beginning this course**
See instructions at [HCC Online / Distant Ed Student page](#)
- It is your responsibility to make sure you start the course on time, log in regularly and meet all deadlines. No accommodations will be made for missing an assignment deadline – this includes technical difficulties, work or personal issues. Poor internet connectivity, poorly functioning computer, or any other technical issue are your responsibility to work around. To meet this requirement, **ALWAYS BEGIN YOUR WORK WELL BEFORE THE DEADLINE TO ALLOW SUFFICIENT TIME TO COMPLETE IT AND SUBMIT IT. THIS WILL ALLOW YOU TO WORK AROUND ANY TECHNICAL DIFFICULTIES.**
- One of the biggest mistakes students make is under-estimating the amount of time required to study and complete assignments. Completing your work on time is only going to help you do well in this course.
- You **MUST log in and complete the first week assignments by the due dates to avoid being dropped from this course.**
- **Print off a copy of the Course schedule and mark all due dates on your calendar.**

*****Be aware of the following dates:*****

September 10 – Date of Record - the Last Day to drop with no record on your transcripts

November 2 – Last Day for Administrative / Student Withdrawal

HCC Policy Statement:

The Distance Education/Online Student is required to follow all policies and procedures as regular students. The HCC Student Handbook contains all the policies and procedures. Students should have reviewed the handbook as part of the mandatory orientation. It is the student's responsibility to be familiar with the handbook's contents. The handbook contains valuable information, answers, and resources, such as contacts, policies and procedures (how to drop, attendance requirements, etc.), student services (ADA, financial aid, degree planning, etc.), course information, technical assistance and support, testing procedures, and academic calendars.

Refer to the Student Handbook by visiting this link:

[Student Handbook](#)

HCC Sexual Harassment Policy and Title IX:

TITLE IX OF THE EDUCATION AMENDMENTS OF 1972, 20 U.S.C. A§ 1681 ET. SEQ.

Title IX of the Education Amendments of 1972 requires that institutions have policies and procedures that protect students' rights with regard to sex/gender discrimination. Information regarding these rights are on the HCC website under Students-Anti-discrimination. Students who are pregnant and require accommodations should contact any of the ADA Counselors for assistance.

It is important that every student understands and conforms to respectful behavior while at HCC. Sexual misconduct is not condoned and will be addressed promptly. Know your rights and how to avoid these difficult situations.

- Log in to: www.edurisksolutions.org . Sign in using your HCC student e-mail account, then go to the button at the top right that says **Login** and enter your student number.
- The Director of EEO/Compliance is designated as the Title IX Coordinator and Section 504 Coordinator. All inquiries concerning HCC policies, compliance with applicable laws, statutes, and regulations (such as Title VI, Title IX, and Section 504), and complaints may be directed to:
 - David Cross
Director EEO/Compliance
Office of Institutional Equity & Diversity
3100 Main
(713) 718-8271
Houston, TX 77266-7517 or Institutional.Equity@hccs.edu

HCC Campus Carry statement: At HCC the safety of our students, staff, and faculty is our first priority. As of August 1, 2017, Houston Community College is subject to the Campus Carry Law (SB11 2015). For more information, visit the HCC Campus Carry web page at <http://www.hccs.edu/district/departments/police/campus-carry/>

Student with Disabilities (ADA): HCCS is committed to compliance with the American with Disabilities Act and the Rehabilitation Act of 1973 (section 504)

"Any student with a documented disability (e.g. physical, learning, psychiatric, vision, hearing, etc.) who needs to arrange reasonable accommodations must contact the Disability Services Office at the respective college at the beginning of each semester. Faculty is authorized to provide only the accommodations requested by the Disability Support Services Office. For questions, contact Donna Price at 713.718.5165 or the Disability Counselor at your college. To visit the ADA Web site, log on to www.hccs.edu, click Future Students, scroll down the page and click on the words Disability Information."

If you have any special needs or disabilities, which may affect your ability to succeed in college classes or participate in college programs/activities, please contact the office of disability support services at the college. Upon consultation and documentation, you will be provided with reasonable accommodations and/or modifications. Please contact the DSS office as soon as you begin the term. (713-718-6164).

Also visit the ADA web site at: <http://www.hccs.edu/support-services/disability-services/>

Academic Honesty: "Students are responsible for conducting themselves with honor and integrity in fulfilling course requirements. Disciplinary proceedings may be initiated by the college system against a student accused of scholastic dishonesty. Penalties can include a grade of "0" or "F" on the particular assignment, failure in the course, academic probation, or even dismissal from the college. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion."

- **Cheating** includes looking at or copying from another student's exam, orally communicating or receiving answers during an exam, having another person take an exam or complete a project or assignment, using unauthorized notes, texts, or other materials for an exam, and obtaining or distributing an unauthorized copy of an exam or any part of an exam.
- **Plagiarism** means passing off as his/her own the ideas or writings of another (that is, without giving proper credit by documenting sources). Plagiarism includes submitting a paper, report or project that someone else has prepared, in whole or in part.
- **Collusion** is inappropriately collaborating on assignments designed to be completed independently. These definitions are not exhaustive.

When there is clear evidence of cheating, plagiarism, collusion or misrepresentation, a faculty member will take disciplinary action including but not limited to: requiring the student to retake or resubmit an exam or assignment, assigning a grade of zero or "F" for an exam or an assignment; or assigning a

grade of "F" for the course. Additional sanctions, including being withdrawn from the course/program or expelled from school, may be imposed on a student who violates the standards of academic integrity. See the [Student Handbook](#) for additional details.

Attendance:

A positive attendance/participation record is the responsibility of each student. Refer to the Distance Education Handbook for attendance / participation policy. DE/Online students who do not log into their course prior to the Date of Record will be dropped automatically from the course. **Completing the DE Online Orientation does NOT count as attendance. In addition: You MUST complete the first assignments (indicated on Syllabus and in Eagle Online course shell, including Quiz 1) by the deadlines to avoid being dropped from the course.**

It will be very difficult to pass this course if you miss logging in and participating more than **2-3 days**.

Missed quizzes, exams, and assignments MAY NOT be made up.

Although it is your responsibility to drop a course for nonattendance, the instructor has the authority to drop you for excessive absences. *You may be dropped from a course after accumulating absences in excess of 12.5 percent of the total hours of instruction* (lecture and lab). For this 3 credit-hour lecture (48 hours of instruction), you can be dropped after 6 hours of absence.

Withdrawal Policy:

IT IS YOUR RESPONSIBILITY TO KEEP TRACK OF YOUR PROGRESS, AND OFFICIALLY DROP THIS CLASS by November 2. If you do not attend the class and do not withdraw yourself, you may be withdrawn administratively from the course for excessive absenteeism, and / or be assigned a final grade of "FX" for the semester. A grade of "FX" results in the same GPA and financial aid funding consequences as a grade of "F".

The State of Texas imposes penalties on students who withdraw/drop courses excessively. Students are limited to no more than SIX total course withdrawals throughout their educational career at a Texas public college or university. Students are encouraged to review the [HCC 6 Drop Policy](#).

Students who repeat a course three or more times face significant tuition/fee increases at HCC and other Texas public colleges and universities. If you are considering course withdrawal because you are not earning passing grades, confer with your instructor/counselor as early as possible about your study habits, reading and writing homework, test-taking skills, attendance, course participation, and opportunities for tutoring or other assistance that might be available.

Religious Holidays: If you observe a religious holiday and miss class, you must notify your instructor in writing two weeks in advance to arrange to take a test or make up an assignment. A religious holiday is "a holy day observed by a specific religion and the place of worship is exempt from property taxation under Section 11.20 of the Tax Code."

Tutoring Services: Free online tutoring is available at hccs.upswing.io In addition, on-campus tutoring may be available – check the student tutoring website for information <http://ctle3.hccs.edu/alltutoring/f2f.html>

Classroom Conduct: : As with on-campus classes, all Online students are required to follow all HCC policies and procedures, and the Student Code of Conduct, as outlined in the Student Handbook, and the DE Student Handbook when interacting and communicating with the instructor and other students

in the virtual classroom. Students who violate these policies and guidelines will be subject to disciplinary action that could include denial of access to course-related email, discussion groups, and may result in removal from the class.

Library Resources: All HCC students have access to first-rate information resources that the HCC Libraries make available to all HCC students. Check out the following web site for more information. (http://library.hccs.edu/library_services/)

EGLS₃ -- Evaluation for Greater Learning Student Survey System

At Houston Community College, professors believe that thoughtful student feedback is necessary to improve teaching and learning. During a designated time near the end of the term, you will be asked to answer a short online survey of research-based questions related to instruction. The anonymous results of the survey will be made available to your professors and department chairs for continual improvement of instruction. Look for the survey as part of the Houston Community College Student System online near the end of the term.

Instructor's Requirements and Student Assessments:

You will have the most success in this course if you stay up to date with the reading homework and online assignments. Reading and progress for this course will mirror a traditional Face-to-Face course, and consist of approximately 1-2 chapters per week. **You should plan to budget 9-15 hours each week to complete all the assignments for this class.**

NOTE: All testing in this course will be Online, using the **LOCKDOWN BROWSER** (<https://www.respondus.com/products/lockdown-browser/>)

This course is designed as an introductory course for both science and non-science majors. This is an introduction to the world's oceans, emphasizing the sub-disciplines of the geological, physical, biological, chemical, and ecological aspects of the marine environment. It is hoped that by learning about oceanic processes and interrelationships, that you will develop an appreciation for the oceans and their importance to life on Earth. **This course is NOT a Marine Biology course.**

Coursework will be divided up as follows:

Quizzes: A portion of your grade will consist of chapter quizzes in the Canvas Eagle Online course, to indicate you have mastered that material. Pay attention to quiz deadlines so you don't miss these important points. Quizzes are an important way to determine if you are keeping up with the course material. Generally one quiz will be assigned per week. Quizzes will be available only for a limited number of days, and will open on the Wednesday of the week they are assigned. These **MUST** be completed by the deadline indicated. **Once the deadline has passed, you will no longer be able to take that quiz.** Correct Answers to the Quiz questions will not be available until after the Quiz Deadline has passed, and then only for 24 hours. **** All quizzes must be completed by the deadline. The Lowest Quiz Score will be dropped when calculating the Final Course Grade.**

Homework / Exercises: Additionally, assignments and exercises are designed to illustrate concepts we will be studying. **Homework** will be assigned each week, and will consist of answering the Concept Check questions within each chapter at the end of each section. Two Discussion assignments will also be present.

Exercises will also be assigned as relevant to each topic. These will be posted within the appropriate chapter.

Exams A total of 4 midterm exams are scheduled, consisting of a combination of objective questions and short answer/essay questions. Each exam will cover material from assigned readings AND Lecture slide presentations, any supplemental visual presentations, and Homework/Exercise topics. Each exam will be open for a limited time period, however you only have 1 opportunity to complete the exams – no 2nd chances. **You must begin the exam with sufficient time to complete it before the deadline. Once the deadline is passed, you will no longer be allowed to take or complete that exam** . The lowest Exam score will be dropped in calculating your final grade.

It is your responsibility to complete both parts of the exam by the deadline. The short answer/essay questions on the exams (“Part 2”) will be submitted through a link to “Turnitin” within the Exam.

*****IMPORTANT!!** If you have previously used “Turnitin” to submit assignments for other classes, and you used a different email address, you will have problems and will need to contact the Help Desk at Turnitin to correct that. You will need to do this prior to submitting any assignment to Turnitin. The Helpdesk for Turnitin is accessed through the Turnitin.com webpage. **You must do this prior to beginning Exam 1. Problems submitting answers to the Turnitin link will not be accepted as excuses for not completing the exam. It is your responsibility to make sure you are able to submit to Turnitin. Do NOT email me your exam answers. Emailed exam answers will NOT be graded.**

Correct answers to the Multiple Choice questions will be visible for 1 viewing only once each exam has closed, and only for 24 hours.

Final Exam: There will be a comprehensive Final Exam given during Final exam week – December 10-13. This exam will be worth 10% of your final grade.

See additional notes on taking Exams and Quizzes below.

Project: The remaining portion of your grade will be determined from the completion of an outside project that will be due on **December 3**. The product of this project will include a short written paper and/or power point presentation. Prior to that you will submit an **Outline of your project by October 30**. Information on this Project will appear in the course as “Guidelines to Semester Project”.

Missed Exam Policy: No Make-up exams will be given If you miss an exam deadline, you will earn a grade of 0 (zero) for that exam and that will be used in the calculation of your final grade. As stated previously, one exam grade will be dropped, so if you miss taking an exam, that automatically becomes your “Drop” grade.

DEADLINES and ASSIGNMENT DUE DATES: Pay attention to all deadlines and assignment due dates. Dates and Times vary depending on the assignment. Deadlines and Assignment Due Dates refer to the time by which the assignment MUST BE COMPLETED AND SUBMITTED.

MARK YOUR CALENDARS AND KEEP A COPY OF THE SYLLABUS NEAR BY.

Instructor Grading Criteria:

**3 midterm Exams - 45%,
Quizzes in Canvas Course – 15%**

Homework, Discussions – 10%
Exercises - 10%
Project: 10%
Final Exam – 10%

Program/Discipline Requirements:

HCC Grading Scale:

A = 100- 90:	4 points per semester hour
B = 89 - 80:	3 points per semester hour
C = 79 - 70:	2 points per semester hour
D = 69 - 60:	1 point per semester hour
59 and below = F	0 points per semester hour
FX (Failure due to non-attendance)	0 points per semester hour
IP (In Progress)	0 points per semester hour
W (Withdrawn)	0 points per semester hour
I (Incomplete)	0 points per semester hour
AUD (Audit)	0 points per semester hour

IP (In Progress) is given only in certain developmental courses. The student must re-enroll to receive credit. COM (Completed) is given in non-credit and continuing education courses.

FINAL GRADE OF FX: Students who stop attending class and do not withdraw themselves prior to the withdrawal deadline may either be dropped by their professor for excessive absences or be assigned the final grade of "FX" at the end of the semester. Students who stop attending classes will receive a grade of "FX", compared to an earned grade of "F" which is due to poor performance. Logging into a DE course without active participation is seen as non-attending. Please note that HCC will not disperse financial aid funding for students who have never attended class.

Students who receive financial aid but fail to attend class will be reported to the Department of Education and may have to pay back their aid. A grade of "FX" is treated exactly the same as a grade of "F" in terms of GPA, probation, suspension, and satisfactory academic progress.

To compute grade point average (GPA), divide the total grade points by the total number of semester hours attempted. The grades "IP," "COM" and "I" do not affect GPA.

Additional NOTES:

- Exams that are conducted online can be taken using your personal computer or at any HCCS Computer Lab. Even though they are available for multiple days, they do have a firm deadline.
- **All deadlines are “hard” deadlines** – meaning as soon as the “second hand” on the Canvas EagleOnline clock reaches the specified deadline time, that assignment shuts down and you will not be able to do anything more, including submitting whatever you have completed. Please allow adequate time to complete your quizzes and exams, and to resolve any unanticipated computer or internet problems.
- **Exercises and Homework assignments** will have points deducted for each day submitted late (10%), with a maximum of 2 days.
- There are NO Make-ups of missed exams. Missed Exams or incomplete exams will be scored as “0” or whatever the score of the percentage you completed.
- Remember to click “Submit” after every Quiz or Exam or your attempt will not be scored.
- ALL Exams and Quizzes require the use of the **Respondus LockDown Browser** to complete. If your computer does not allow the download of that browser, it is recommended to take your

quizzes and exams in an HCC Computer Lab. Instructions on how to download this browser are contained in the “Start Here” module of the course.

- Online courses are **not** easier than traditional college courses, and require students to make effective use of their time. Good time management skills are necessary to complete the requirements. Poor planning, technical issues with your computer or internet connections are NOT acceptable excuses for missed assignments (homework, quiz, or exam).
- If a deadline is approaching and you know you will be occupied with other activities at that time, make the effort to complete an assignment prior to that activity.
- Taking an online course, like any college course, is a partnership between the Instructor and the Student.

As the Instructor, my requirements are:

- To provide a detailed description of all assignments, rubrics for grading and the grading scale, and the formula for how final grades are determined.
 - Facilitate an effective learning environment with presentation of activities and resources, and provide feedback in a reasonable amount of time.
 - Inform students of policies, including attendance and withdrawal dates.
 - Provide a course calendar or schedule, with deadlines for all assignments.
 - Arrange to meet with students as needed.
- As the student, your requirements are:
 - Participate in all course activities and conduct yourself according to HCC Student Guidelines as stated in the Student Handbook.
 - Submit all assignments by their deadline.
 - Ask for help when you have a question or problem with the material.

***** All Information in this syllabus is subject to revision by instructor as needed.*****

Some useful websites for more information about Science / STEM and Geology at HCC:

Our Geology Program LearningWeb page:

<https://learning.hccs.edu/programs/geology>

The HCC Geology Associates of Science Degree in the College Catalog:

<http://www.hccs.edu/programs/programs-a-z/geology/>

The STEM website: <http://www.hccs.edu/district/students/stem--science-technology-engineering--mathematics/>

Continue on to next page to view the schedule

Tentative Course Outline/Schedule

*******Schedule is subject to revision by instructor as needed*******

***** NOTE:** Completion of the Mastering Reading Assignments (“Homework”) will likely take longer than you anticipate – especially at the start, when you are learning the system. Therefore plan to allow at **least 2-4 hours** to complete those assignments. You may save your work and return to complete it.

Week	Date	Chapter (Lecture)	Topic
1	Aug. 27	1	Introduction and Course Overview / Intro to Planet Earth
			Complete Homework #1 and Exercise #1 – Deadline 11:55 p.m. Saturday, Sept. 1; Complete Quiz #1 – Deadline 11:55 p.m. Sunday, Sept. 2
2	Sept. 3	*****	***** HOLIDAY – LABOR DAY *****
	Sept. 4	2	Plate Tectonics and the Ocean Floor
			Complete Homework #2 and Exercise #2 – Deadline 11:55 p.m. Saturday, Sept. 8; Complete Quiz #2 – Deadline 11:55 p.m. Sunday, Sept. 9
3	Sept. 10	3	Marine Provinces
			Complete Homework #3 and Exercise #3 – Deadline 11:55 p.m. Saturday, Sept. 15; Complete Quiz #3 – Deadline 11:55 p.m. Sunday, Sept. 16
4	Sept. 17		Exam #1 (Ch. 1-3) opens Wednesday, Sept. 19 at 9 a.m. Closing Deadline 11:55 p.m. Sunday, Sept. 23 – NO MAKEUPS!!!
5	Sept. 24	4	Intro to Chemistry, and Marine Sediments
			Complete Homework #4 and Exercise #4 – Deadline 11:55 p.m. Saturday, Sept. 29; Complete Quiz #4 – Deadline 11:55 p.m. Sunday, Sept. 30
6	Oct. 1	5	Water and Sea Water

		5	Complete Homework #5 and Exercise #5 – Deadline 11:55 p.m. Saturday, Oct. 6; Complete Quiz #5 – Deadline 11:55 p.m. Sunday, Oct. 7
		*****	** Discussion #1 – Due 11:55 p.m. Friday, Oct. 12 ****
7	Oct. 8	6	Air – Sea Interactions
			Complete Homework #6 and Exercise #6 – Deadline 11:55 p.m. Saturday, Oct. 13; Complete Quiz #6 – Deadline 11:55 p.m. Sunday, Oct. 14
8	Oct. 15		Exam #2 (4-6) opens Wednesday, Oct. 17 at 9 a.m. Closing Deadline 11:55 p.m. Sunday, Oct. 21 – NO MAKEUPS!!!
9	22	7	Ocean Circulation
			Complete Homework #7 and Exercise #7 – Deadline 11:55 p.m. Saturday, Oct. 27; Complete Quiz #7 – Deadline 11:55 p.m. Sunday, Oct. 28
		*****	**** Outline of Project Due 11:55 p.m. Tuesday, Oct. 30 ****
		*****	Friday, November 2 - LAST DAY FOR WITHDRAWAL WITH A GRADE OF "W" *****
10	29	8	Waves and Water Dynamics
			Complete Homework #8 and Exercise #8 – Deadline 11:55 p.m. Saturday, Nov. 3; Complete Quiz #8 – Deadline 11:55 p.m. Sunday, Nov. 4
11	Nov. 5	9	Tides
			Complete Homework #9 and Exercise #9 – Deadline 11:55 p.m. Saturday, Nov. 10; Complete Quiz #9 – Deadline 11:55 p.m. Sunday, Nov. 11
12	12		Exam #3 (Ch. 7-9) opens Wednesday, Nov. 14 at 9 a.m. Closing Deadline 11:55 p.m. Sunday, Nov. 18 – NO MAKEUPS!!!!
13	19	10	Beaches, Shoreline Processes, and the Coastal Ocean
		11	Marine Pollution
			Complete Homework #10 and Exercise #10 AND Quiz #10 – ALL are due by Deadline 11:55 p.m. SUNDAY, Nov. 25

	Nov. 22 - 23	-----	***** Thanksgiving Holiday *****
		*****	** Discussion 2 – Due 11:55 p.m. Friday, Nov. 30 ***
14	26	12 & 16	Marine Life and the Marine Environment, & Oceans and Climate Change
			Complete Chapter 12 assignments - Homework #11 and Exercise #11 – Deadline 11:55 p.m. Saturday, Dec. 1; Complete Quiz #11 – Deadline 11:55 p.m. Sunday, Dec. 2
			Complete Chapter 16 assignments - Homework #12 and Exercise #12 and Quiz #12 – ALL by Deadline 11:55 p.m. Wednesday, Dec. 5
		*****	Final Papers due in <u>Turnitin</u> link by Monday, Dec. 3 at 11:55 p.m. *****
15	Dec. 3		Exam #4 (Ch. 10-12, 16) opens Wednesday, Dec. 5, at 9 a.m. Closing Deadline 11:55 p.m. Sunday, Dec. 9 – NO MAKEUPS!!!!
16	10		Final Exam opens Monday, Dec. 10 at 9 a.m. Closing Deadline 11:55 p.m. Thursday, Dec. 13 – NO MAKEUPS!!!!
	17		Grades posted