

Introduction to Oceanography

OCE K 101, Three sem. hrs. credits
CRN#/Sec. - # 11930 /T1
Wed. 6:30 – 9:15pm
Spring 2016
Three Rivers Community College
Norwich, CT 06360

Instructor: Kim Speight

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Office Hrs.: By appointment/After class

Required Text:

Investigating Oceanography, Keith Sverdrup

Prerequisite: None

Catalog Description:

Introductory Course in Oceanography. Topics to be discussed include: Properties of sea water, waves, tides, currents, world ocean circulation, chemical oceanographic processes, life in the sea, and environmental modification and control.

Attendance Policy:

Students are expected to attend class and laboratory sessions regularly, as in accordance with school attendance policy. If a class or lab is missed due to circumstances beyond your control, **please**, be sure to notify your instructor. **You will be responsible** for the material. Makeup tests and quizzes will be granted on an individual basis only following a conference with the instructor.

Grade Evaluation:

There will be three non-cumulative examinations. The third exam will be given during Final Exam Week. There will be seven quizzes based on the reading and lecture from the previous week. There will be one research paper and a 5-10 minute presentation of that research. Grades will be calculated as follows: Exams = 25%, Quizzes = 25%, Projects = 30%, and Lab Activities = 20%.

Research Paper and Presentation of Research:

All students are required to maintain a learning portfolio in Digication that uses the (Three Rivers) College Template. This is a suggested assignment for your portfolio. The paper will be an **ISSUE BASED** marine topic of your choice. It will be 5 typed pages with normal margins excluding any diagrams, pictures, title pages or bibliography and in MLA format. There will be at least 5 references; at least one must be a primary source. It will be typed, double-spaced and in no more than 12 font. Some papers might be selected to be submitted to turnitin.com to check for plagiarism. You should start your paper soon, the semester goes very quickly. **I will not accept any late papers.** The grade for the paper will be determined by the content, length, number of references and citations. Citations are required. **You must demonstrate an acquisition and an application of knowledge; do not just provide me with someone else's thoughts.**

There are numerous internet references at www.mhhe.com/serdrup5e to get you started. The paper will be more ISSUE orientated. It cannot just be about an animal. More to what is happening in the ocean. If you have any questions ask them soon. The paper is due **April 27rd. Again, no late papers.**

You will be expected to orally present your research to your peers. This is an opportunity to share what you have learned as well as to learn from others. This will be equal to 5 quiz grades. We will discuss this further as it approaches.

The following are useful internet sites:

www.nutsandboltsguide.com if you have any questions regarding paper mechanics, references or any questions regarding research paper writing.

www.lconn.org A Connecticut Library site for any type of reference material. You will need any valid Connecticut library card with a bar code. The bar code is necessary to log in.

www.citationmachine.net Citation machine helps students to properly credit information that they use. Its primary goal is to make it easy for student researchers to cite their information sources, that there is virtually no reason not to.

Grading:

99 –100 = A+	90.4-87.5= B+	79.4–77.5 = C+	69.4-63.5= D+
98.9-93.5= A	87.4-84.5= B	77.4-72.5= C	63.4-59.5= D
93.4-90.5= A-	84.4-79.5= B-	72.4-69.5= C-	59.4-00.0= F

Final Exam: If you wish your final exam returned to you at the end of the semester, please provide me with a SAS envelope at the time of the final exam.

College Withdrawal Policy:

A student who finds it necessary to discontinue a course once class has met must provide written notice to the registrar. Withdrawal forms are available at the Registrar’s office on both campuses and the office at the Subase. Nonpunitive “W” grades are assigned to any withdrawal requested before the various unrestricted withdrawal deadline. After that period, a student wishing to withdraw must obtain **written** authorization of the instructor to receive a "W" grade on their academic record, non-punitive grade indicating termination of class participation. **The day to withdraw, EVEN WITH INSTRUCTOR SIGNATURE.** Students who do not withdraw, but stop attending **will receive** a grade of "F" for the final grade. Students are advised that withdrawal from 50% or more of their classes will result in being placed on **Progress Probation** for the following semester Eligibility for refund of tuition is based upon date of withdrawal when received by the Registrar. **Verbal withdrawals cannot be accepted.**

Disabilities Statement:

If you have a hidden or visible disability, which may require classroom or test-taking modifications, please see me as soon as possible. If you have not already done so, please be sure to register with disability counselors by contacting Student Services Office.

Academic Honesty and Civility:

The instructor has the primary responsibility for control over classroom behavior and maintenance of academic integrity, and can order the temporary removal or exclusion from the classroom, and/or laboratory, of any student engaged in conduct violative of the general rules and regulation of the institution. Extended or permanent exclusion from classroom, and/or laboratory, or further disciplinary action can be effected only through appropriate college procedure. Plagiarism, cheating, or any form of academic dishonesty is **prohibited**. Students guilty of academic dishonesty directly or indirectly will receive a **zero** for an exercise or exam and may receive an **F** for the course in addition to other possible disciplinary sanctions, which maybe imposed through the regular institutional procedures. Any student that believes he or she has been erroneously accused may appeal the case through the appropriate institutional procedures if their grade was affected.

I also require that you practice civility and courtesness in this class to your fellow students and the professor. **I will not condone and will not tolerate foul language and inappropriate behavior by students that is deemed disruptive to the order and progress of the class.**

Cellular phones and/or beepers:

Cellular phones and beepers are only allowed in class or lab if they are turned off or in silent mode. Under no circumstances are phones to be answered in class. When there are extenuating circumstances that require that a student be available by phone or beeper, that student must speak to the instructor prior to class, so that together they can arrive at an agreement.

Syllabus Revisions:

Students are responsible for learning all of the objectives and all of the items in the course outline whether they are discussed in lecture and/or laboratory or not. The instructor reserves the right to revise the objectives, topical outline, or academic schedule contained in this syllabus without notice. However, if the revisions affect scheduled unit tests a 48-hour notice will be given for the new test date.

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Tentative Schedule: Subject to Change!!

Reading Assignments

This is an important requirement for this class. Your weekly reading assignments are the best available on this topic and there is no possible way that I can cover all the facts and facets of this subject in the lecture hours available.

January 27	Introduction and History	Ch. Prologue & Ch. 1
February 3	Quiz 1: Prologue & Ch. 1 Lecture: Plate Tectonics & Sea Floor	Ch. 2 & 3
February 10	Quiz 2: Ch. 2 & 3 Lecture: Characteristics of Water	Ch. 4 & 5
February 17	Exam I Prologue – Ch. 5	
February 24	Lecture: Circulation Patterns & Ocean Currents Research Topic Due = 10 pts.	Ch. 6 & 7
March 2	Quiz 3: Ch. 6 & 7 Lecture: Waves & Tides	Ch. 8 & 9
March 9	Quiz 4: Ch. 8 & 9 Lecture: Coasts, Beaches, & Estuaries	Ch. 10
March 16	Exam II Ch. 6-10	
March 30	Lecture: Life in the Water	Ch. 11-13
April 6	Quiz 5: Ch. 11-13 Lecture: Life on the Sea Floor	Ch. 14
April 13	Quiz 6: Ch. 14 Lecture: Environmental Issues	Ch. 15
April 20	No Class	Work on Research
April 27	Quiz 7: Ch. 15 Lecture: The Oceans and Climate Disruption Research Paper Due	Ch.16
May 4	Lab – Bluff Point/Mamacoke Island	
May 11	Final Exam Ch. Ch. 11-16 Presentation of Research	

*****IMPORTANT DATES*****

***(February 17)* Exam 1**

***(February 24)* Research topic due**

***(March 16)* Exam #2**

***(April 27)* Research Paper Due**

***(May 11)* Final Exam and Presentation of Research**