General Information
Catalog Number, Section, and Term: ENVR 1111, 21, Spring 2008

Title of Course: Oceanography

Co-requisites: ENVR 1112, Lab: Oceanography

Class Room Meeting Times and Dates: Dickinson Hall Room 5523
Tuesdays 8:00 AM – 9:50 AM, January 29, 2008 – May 13, 2008

Instructor: Dr. Marion McClary

Office Location and Office Hours: Dickinson Hall Room 4456, Tuesdays, 10:00 AM – 11:00 AM and 4:00 PM – 5:00 PM and Thursdays, 11:00 AM – 12:00 PM.

Laboratory Location: Dickinson Hall Room 5513

Telephone with voice mail: 201-692-2606

FDU Email Address: mcclary@fdu.edu

Course Description
An introduction to physical, chemical, and biological oceanography, and the geology of the sea floor, ocean sediments, and beaches. Field trips. Spring.

Text and Materials

Rules, Regulations, Grades
Attendance and lateness policy: Students are responsible for all material missed due to absence and or tardiness.

Makeup and missed work policy:
1) Each exam will cover only the chapters listed above it. Exams may be curved depending on the class average.
2) If you miss the exam and do not have a doctor’s note, YOUR EXAM WILL NOT BE CURVED. Therefore it is important to take the exam on time. Exams not taken by the last day of the course will become zeros.
3) Only doctor’s notes or other official notes can remove zeros.
4) Exams will be multiple choice.
Integrity and plagiarism policy:
Students enrolled at Fairleigh Dickinson University are expected to maintain the highest standards of academic honesty. Students have the responsibility to each other to make known the existence of academic dishonesty to their course instructor, and then, if necessary, the department chair, or the academic dean of their college. Course instructors have the added responsibility to state in advance in their syllabi any special policies and procedures concerning examinations and other academic exercises specific to their courses. Students should request this information if not distributed by the instructor.

Academic dishonesty includes, but is not necessarily limited to, the following:
1. **Cheating**-Giving or receiving unauthorized assistance in any academic exercise or examination. Using or attempting to use any unauthorized materials, information, or study aids in an examination or academic exercise.
2. **Plagiarism**-Representing the ideas or language of others as one’s own.
3. **Falsification**-Falsifying or inventing any information, data, or citation in an academic exercise.
4. **Multiple Submission**-Submitting substantial portions of any academic exercise more than once for credit without the prior authorization and approval of the current instructor.
5. **Complicity**-Facilitating any of the above actions or performing work that another student then presents as his or her assignment.
6. **Interference**-Interfering with the ability of a student to perform his or her assignments.

Sanctions: Any student found guilty of academic dishonesty will, for the first offense, receive one or a combination of the following penalties:
1. *No credit (0) or Failure for the academic exercise*
2. *Reduced grade* for the course
3. *A failure in the Course* that is identified on the student’s permanent record card as permanent and cannot be removed.

In cases of interference and complicity, when the student is not registered in the affected course, the incident may be recorded on the student’s permanent record card. In any case, the incident and penalty will be recorded in the student’s file maintained in the campus office of Enrollment Services.

For a second offense of academic dishonesty, a student will be subject to any combination of the above sanctions, and, with concurrence of the academic dean, one of the following:
1. **Suspension** from the University for one year. Readmission will be contingent upon the approval of the academic dean.
2. **Dismissal** from the University.
Grading policy:
There will be four lecture exams. Each lecture exam is worth 10% of your grade. The four lecture exams are 40% of your grade. There will be two laboratory exams. Each laboratory exam is worth 10% of your grade. There will be laboratory and field exercises. The laboratory and field exercises are 20% of your grade. There will be a laboratory report. The laboratory report is 10% of your grade. There will be an oral presentation. The oral presentation is 10% of your grade. Your final grade will be an average of four lecture exam grades, two laboratory exam grades, laboratory and field exercises, a laboratory report, and an oral presentation. This average will then be placed on the following scale for your grade:

A   92 - 100
A-  89 - 91
B+  86 - 88
B   82 - 85
B-  79 - 81
C+  76 - 78
C   72 - 75
C-  69 - 71
D   60 - 68
F   0 - 59

Course Objectives
The objectives (goals) of this course are for you to become competent in knowledge of:
(1) the growth of oceanography; (2) the planet oceanus; (3) the origin of ocean basins; (4) marine sedimentation; (5) the properties of seawater; (6) wind and ocean circulation; (7) waves in the ocean; (8) tides; (9) marine ecology; (10) biological productivity; (11) the dynamic shoreline; (12) coastal habitats; (13) ocean habitats and their biota; (14) the ocean resources; and (15) the human presence in the ocean.

Teaching Methodologies/Activities
The following will be used to assess student learning:
1. Exams

Modes of instruction that will be used by the instructor:
1. Oral Presentation
### Course Outline

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<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Chapters</th>
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<tbody>
<tr>
<td>Jan. 29</td>
<td>The Growth of Oceanography</td>
<td>1</td>
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<tr>
<td>Feb. 05</td>
<td>The Planet Oceanus</td>
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<td></td>
<td>The Origin of Ocean Basins &amp; Marine Sedimentation</td>
<td>3 &amp; 4</td>
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<td>19</td>
<td>EXAM I</td>
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<td>26</td>
<td>The Properties of Seawater &amp; Wind and Ocean Circulation</td>
<td>5 &amp; 6</td>
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<td>Mar. 04</td>
<td>Waves in the Ocean &amp; Tides</td>
<td>7 &amp; 8</td>
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<td>11*</td>
<td>EXAM II</td>
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<td>18*</td>
<td>Spring Recess</td>
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<tr>
<td>25*</td>
<td>Marine Ecology</td>
<td>9</td>
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<td>Apr. 01*</td>
<td>Biological Productivity in the Ocean</td>
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<td>08</td>
<td>The Dynamic Shoreline &amp; Coastal Habitats</td>
<td>11 &amp; 12</td>
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<td>15</td>
<td>EXAM III</td>
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<td>22</td>
<td>Ocean Habitats and Their Biota</td>
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<td>The Ocean’s Resources</td>
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<td>May 06</td>
<td>The Human Presence in the Ocean</td>
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<td>13</td>
<td>EXAM IV</td>
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* Days that Dr. McClary may be in the Dominican Republic. Special arrangements TBA.