### Course Title
Introduction to Marine Biology

### Course Number
OCB 1000

### Prerequisites
None

### Credit Hours
3.0

### Contact Hours
45

### Class Meeting Times
MW 1:00-4:30pm in M-322

### Class Method
This class blends traditional face-to-face and online learning. Students are expected to attend classroom sessions on (dates and times) as well as participate in online activities as assigned.

### Instructor
Brian DeSanti II, MSc.  
Brian.DeSanti@fkcc.edu  
Office # C 225

### Office Hours
Mondays 4:30-5:30 PM or by appointment

### Course Description
Ecology, morphology and taxonomy of marine organisms with emphasis on species that inhabit the shallow water and coral reef ecosystems of the Florida Keys.

### Course Objectives
1. The student will be able to demonstrate knowledge of the scientific method (including a literary and electronic data base search) and the characteristics of life by successfully answering questions relating to these subjects on an objective examination.  
2. The student will be able to demonstrate knowledge of marine taxonomy which will include knowledge of sea grass, mangrove, and reef habitats by successfully answering questions to these subjects on an objective examination.  
3. The student will able to demonstrate knowledge of dangerous marine animals by successfully answering questions relating to toxic and venomous animals of the sea on an objective examination.  
4. The students will be able to demonstrate knowledge of marine vertebrate and invertebrate morphology, physiology, and taxonomy by successfully answering questions relating to these subjects on an objective examination.  
5. The student will be able to demonstrate knowledge of biotopes of the marine environment by successfully answering questions relating to these subjects on an objective examination.
**PROPOSED COURSE SCHEDULE**

<table>
<thead>
<tr>
<th>Date</th>
<th>Textbook Chapters/Topics</th>
<th>Assignments</th>
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<tbody>
<tr>
<td>6/23-6/25</td>
<td>Course Orientation Fundamentals of Biology The Microbial World Multicellular Primary Producers: Seaweeds and Plants</td>
<td>Chapters 1-3 Due for Additional credit. Chapters 4,5,6 Quizzes Due</td>
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<tr>
<td>6/30-7/2</td>
<td>Marine Mammals Without Backbones Marine Fish/Marine Reptiles, Birds and Mammals</td>
<td>Chapters 7,8,9 Quizzes Due</td>
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<tr>
<td>7/7-7/9</td>
<td>Introduction to Ecology Between the Tides Estuaries: Where River Meets the Sea</td>
<td>Chapters 10,11,12 Quizzes Due</td>
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<tr>
<td>7/14-7/16</td>
<td>Life on the Continental Shelf Coral Reefs Life Near the Surface</td>
<td>Chapters 13,14,15 Quizzes Due</td>
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<tr>
<td>7/22-7/24</td>
<td>Life in the Deep Ocean Resources From the Sea The Impact of Humans on the Marine Environment The Ocean in Human Affairs</td>
<td>Chapters 16,17,18 Quizzes Due</td>
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<tr>
<td>7/28-7/30</td>
<td>Exam Review Final Exam</td>
<td>Final Exam in Class</td>
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**STUDENT EVALUATION AND COURSE POLICIES**

**Grading**

Grades will be calculated based on your performance on 15 end of chapter quizzes, which you will take through the D2L website, and a comprehensive final exam (given during the last week in class). At the end of the term your quiz average will be determined by your performance on the 12 highest quiz scores. This quiz average will then be averaged with your final exam score (your final exam could count for as much as 50 percent of your grade). To hedge your bet however, you have an option of completing a field trip (lie or virtual) and a term paper. Each assignment is worth a maximum of five points for a total of ten points. Points earned from these assignments will be added to your cumulative average. For example, if someone with a 70 percent initial cumulative average (based on quizzes and final exam) earns five points for their
term paper and five points for the a field trip, then their final cumulative average would be boosted to an 80 percent and they’d receive a B rather than a C. Your final letter grade will be based on this cumulative term average and determined based on the following range of percentages.
A: 90-100%
B: 80-89%
C: 70-79%
D: 60-69%
F: Below 60%

**Technical Assistance**
If you are having any technical difficulties (e.g., logging in, accessing the discussion board, etc) please contact the Office of Distance Learning via email, with your question, at D2Lhelp@fkcc.edu

**Online Quizzes**
There are 18 end of chapter quizzes in this course based in the text book/lecture material. You will have three days (Thursday-Saturday) to complete each quiz which will be concurrent with the week which you are required to read the chapter material. You are required to complete the quizzes for chapters 4 through 18. You are not required to take the quizzes for chapters 1 through 3. However, you will be able to replace one poor quiz score each with these chapter quizzes if you so desire.

**Academic Honesty and Plagiarism**
Students are expected to respect and uphold the standards of honesty in submitting written work to instructors. Though occurring in many forms, plagiarism in essence involves the presentation of another person’s work as if it were the work of the presenter. Any cheating or plagiarism will result in disciplinary action to be determined by the instructor based on the severity and nature of the offense. It is the student’s responsibility to review the College’s policy on Academic Honesty.

**Participation**
Students earn points for each class they attend and participate in. Arriving late, leaving early, cell phone and non-class computer usage, as well as any other disruption of class will result in loss of points. Please note that the instructor may withdraw a student from a course for excessive absences (see FKCC Policies below). For our purposes, “excessive absences” is defined as 3 or more unexcused absences.

Students are expected to familiarize themselves with FKCC Policies, which can be found in the current Student Handbook.
Class Contract

The Class Contract assignment is my method of ensuring you know what you should expect from me, and what I expect from you. By returning the Class Contract to me, you are acknowledging that you:

a. Understand the policies detailed in this Syllabus.
b. Understand the expectations and due dates listed in the Course Calendar and Assessment Measures.
c. Understand that you will be held accountable to the standards published in this document.
d. The Class Contract must be submitted to the instructor after reading.

By signing my name I acknowledge the above.

Print Name: ____________________________________________ Date: ________________

Signature: ____________________________________________