

Mr. Chris Martin

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Room: A203

Google Classroom Access Code: \_\_\_\_\_

## Marine Biology Syllabus

Course Syllabus 2016-17

Welcome to Marine Science! This semester we will be exploring a broad range of topics pertaining Oceanography and Marine Life. As we explore the various forms of life in the oceans, and the environments they live in, we will complete a series of dissections and specimen observations in lab. Our dissection series will start with simple marine organisms and extend all the way up to modern fish with swim bladders. **These lab activities are required for the course.** If you are queasy around dissections, take another course. The scientific principles this course is based on will stem from Biology and Chemistry. We will not spend a large amount of class time reviewing basic concepts so be prepared to move quickly through material you should remember from previous courses.

Text: Marine Biology. Castro and Huber, 2003

General Course Outline:

Unit 1: Chapter 1-3 <ul style="list-style-type: none"><li>Physical factors of water and the ocean</li></ul>
Unit 2: Chapter 4 and 10 <ul style="list-style-type: none"><li>Oceanography &amp; Environments</li></ul>
Unit 3: Chapter 5-6 <ul style="list-style-type: none"><li>Microbial World of the Oceans &amp; Marine Plants</li></ul>
Unit 4: Chapter 7 <ul style="list-style-type: none"><li>Marine Invertebrates- Animals without Backbones</li></ul>
Unit 5: Chapter 8-9 <ul style="list-style-type: none"><li>Marine Vertebrates-the Swimmers in the Nekton</li></ul>
Unit 6: Chapters 11-13 (if we get to it...) <ul style="list-style-type: none"><li>Where land meets Sea</li></ul>

### Expectations:

Be responsible, respectful and safe. This means bring your textbook, notebook, and all other necessary materials to class. Complete your work on-time. Stay on task and in your assigned work area. Follow all safety procedures for a Lab Class: no horseplay, **no food or drinks during lab**, clean up after yourself and others. Labs can be messy. If you are not showing initiative in cleaning up your workstation, you will not be allowed to participate in lab.

### Grading:

The following grading scale is used in this class:

- A= 90-100%
- B= 80-89.9%
- C= 70-79.9%
- D= 60-69.9%
- F= Below 59.9%

## **Earning your grade:**

**Personal management** (25%-Homework, participation, teamwork, and notebooks)

Late personal management work will earn half points

**Academic assessment** (75%-Quizzes, Tests, Lab Work)

## **Attendance and Make-up Work:**

You are expected to be present and active in our class. If you are not present you can't learn. Please come to class prepared and ready to participate. You are responsible for any work missed when you are absent. Be aware that you may access **Google classroom** for this class and have access to any work assigned while you were absent.

## **Late Work Policy:**

Time management and prioritizing are important life skills to learn. You may earn full credit for assignments that come in on/or before the due date. All other work is deemed late and will only receive 50% credit.

## **Retakes:**

Students may retake a unit test, provided they have worked to pass all of the standards covered by the unit test. This can require additional work or meeting with teacher before/after school or at lunch. Do not rely on RIE time to complete additional work to show evidence of working towards standard completion.

## **Notebooks:**

Students will be expected to have a lab notebook specific to this class. It will be used daily and become a valuable resource for this class. Organization is a critical component to being successful.

## **Tardy:**

Be in your assigned seat on time. 1 tardy = 1 lunch detention!

## **Technology:**

This classroom follows the school wide policy for technology. No cell phones, iPods or devices may be used in class without instructor's permission.