

# DELAND HIGH SCHOOL

## MARINE SCIENCE II HONORS SYLLABUS

### 2017-2018

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**Teacher name:** Troy McCormick

**Term:** 2017-2018

**Course Name:** Marine Science 2

**Course #:** 2002500

**Textbook Used:** *Varies*

**Other Materials needed:** a 2" 3-ring binder or spiral notebook, ample notebook paper, #2 pencils, a black or dark blue ink pen, colored pencils, a high lighter, and a positive attitude.

**Course Objectives:** The purpose of this course is to provide a more detailed view of the marine environment that builds on knowledge from Marine 1

**Major Units/Topics/Themes:**

**UNIT I: SCIENTIFIC PROCESS, WATER QUALITY ANALYSIS, BIOGEOCHEMICAL CYCLES, ABIOTIC AND BIOTIC FACTORS THAT AFFECT MARINE SYSTEMS**

**UNIT II: HISTORY OF LIFE IN THE OCEANS, ARCHABACTERIA, CHEMOSYNTHESIS, CELL CHARACTERISTICS, EUBACTERIA, BACTERIA AS A RESOURCE**

**UNIT III: PROTISTANS, RED ALGAE, GREEN ALGAE, AND BROWN ALGAE**

**UNIT IV: MARINE PLANTS, PLANT ANATOMY, EFFECTS OF CLIMATE CHANGE/MANMADE INFLUENCES ON MARINE PLANTS**

#### OCEAN ZOOLOGY

**UNIT V: PHYLUM PORIFERA, PHYLUM CNIDARIA, PHYLUM CTENOPHORA, PHYLUM PLATYHELMENTHES, AFFECTS OF CLIMATE CHANGE ON THESE THREE PHYLA AND HOW THEY ARE USED AS A RESOURCE**

**UNIT VI: PHYLUM NEMATODA AND ANNELIDA, AFFECTS OF CLIMATE CHANGE ON THESE TWO PHYLA/RESOURCES**

**UNIT VII: PHYLUM ARTHROPODA AND HOW CLIMATE CHANGE AFFECTS THEM/USED AS RESOURCE**

**UNIT VIII: PHYLUM MOLLUSCA AND HOW CLIMATE CHANGE AFFECTS THEM AND HOW THEY ARE USED AS A RESOURCE**

**UNIT IX: PHYLUM ECHINODERMATA AND HOW THEY ARE USED AS A RESOURCE AND EFFECTS OF CLIMATE CHANGE**

**UNIT X: PHYLUM CHORDATA HOW THEY ARE USED AS A RESOURCE AND EFFECTS OF CLIMATE CHANGE.**

**Major Projects:** There will be many major projects and labs throughout the year. This class will be a more project/lab based course applying what was learned in marine 1

**Methods of Assessment:** Daily Assignments which must be completed in class, Unit tests, Projects, Labs, Class Participation, Mid-term and Final Exams.

**Tutoring:** I will be available most days for tutoring. If a student receives a C or less on a summative assessment they have the opportunity to show the teacher an intervention strategy. The standard intervention, in order to be eligible to makeup a summative assessment, is to come by after school for test corrections. Students that miss the initial test will not be eligible for test corrections.

**Breakdown of Grades:** Students grades are entered into Pinnacle several times a week. There are three categories in Pinnacle. These are diagnostic, formal assessments, and Summative assessments. A diagnostic tool is something like a pretest. Formal assessments are things like bellringers, assignments, labs, etc. Summative assessments are major tests or anything that encompasses a number of benchmarks/topics.

## **GRADING POLICIES AND CLASSROOM PROCEDURES**

### **MARINE SCIENCE II HONORS**

**Mr Troy McCormick**

#### **2017-2018 SCHOOL YEAR**

##### **GRADING POLICY:**

Volusia County Grading Scale

% Letter Value

90 - 100 = A

80 - 89 = B

70 - 79 = C

60 - 69 = D

0 - 59 = F

**EXTRA CREDIT:** Students can choose to do a Poster on a topic pertinent to their class. This poster can be worth up to 25 points. This can only be done once a year per student. A ten point review is given before each test and typically 3 tests are given each nine weeks. So a student has a chance to earn up to 30 points each nine weeks.

**TURNING IN AND GETTING PAPERS BACK:** Assignments are often kept in the interactive science notebook. However some work may be turned into the basket for their period at the front of the class. Students will not receive credit for papers left on their desks or placed anywhere else in the classroom. Graded papers will be handed back during class

**CLASSWORK/HOMEWORK:** Class work assignments are always to be put in the basket on my desk at the end

of class. Homework is always due the next day at the beginning of class unless otherwise specified.

**LATE ASSIGNMENTS:** Late assignments will be only given 50% credit

**MAKE-UP WORK:** Make-up work will be given in accordance with the guidelines in the Curriculum Guide.

1. The student brings a note on the day following his/her absence.
2. Each teacher initials the note and gives the student the make-up work missed.
3. The student has one day for each day absent to make-up work. Assignments not turned in on time will require an intervention strategy.

**TARDIES:** Tardies will follow the schoolwide policy.

**TESTS:** Tests will be given for each unit. If the student misses a test then he/she needs to be ready to make up the test on the day he/she returns to class. This class does not have an EOC

**TEST MAKE-UP:** Make-up tests will be given after school. It will be the student's responsibility to make up the test after school.

**TEXTBOOKS:** Students will receive handouts that tie in to the units that we are doing. There is no textbook adopted by the state for this course. College level materials will be supplied.

**ELECTRONIC DEVICES:** We will be using either personal devices or school devices for various activities throughout the year.

**COMPUTER USAGE:** All of my students will be required to use computers for my class. It is imperative that the student has a computer permission form on file with the Media Center so they will be allowed to do Internet research. Any inappropriate use or abuse of the computers in the Media Center will result in the student losing computer privileges on the DeLand High School Campus. The student is still responsible for the assignments. We will be using Canvas for all major projects.

**CLASSROOM PROCEDURES:**

Classroom behavior:

1. Be in your seat when the tardy bell rings.
2. Be respectful to others (language and actions).
3. Follow directions the first time given.
4. Know and follow all school rules.
5. Raising your hand will be the default way of being recognized

Dear Parents,

There is a lot of information in this packet. It is my hope that if we all start out with a clear understanding of grading policies and classroom procedures then it will be easy for us to work together for the successful completion of this school year.

If you have any questions about my policies and procedures please do not hesitate to call me at Deland High School 822-6909. I will be happy to talk to you if available, or to return your call as soon as possible. Please leave numbers where you can be reached both during and after school hours. You can also contact me through e-mail, my address is [jtmccorm@volusia.k12.fl.us](mailto:jtmccorm@volusia.k12.fl.us). In fact the easiest way to contact me is via email.

The most effective way to check your child's grade is to make sure you are registered on Gradebook. I keep it up to date and every Friday all grades for the week are typically entered.

Please sign and date the bottom of this page if you have read and understand the policies and procedures for Mr. McCormick's science class for the 2017-2018 school year.

If you could please email me at the above email address that you have read the syllabus that would be appreciated. Your child should return this page to me tomorrow with your signature and theirs. The signature page will be kept on file. I look forward to meeting you at open house on August 31<sup>st</sup>.

Sincerely,

Troy McCormick

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(Student Name-Please print)

\_\_\_\_\_  
(Parent/Guardian Name-Please print)

\_\_\_\_\_  
(Student Signature)

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(Parent/Guardian Signature)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(ALPHA ID)

\_\_\_\_\_  
(Home Phone Number)

Parent email:

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(Work and/or cell phone number)