

NATIVITY B.V.M. HIGH SCHOOL

MARINE SCIENCE/OCEANOGRAPHY SYLLABUS

Teacher: Mr. Jason C. Jones
Room: 302 (Science Department)

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WELCOME TO MARINE SCIENCE! Many of us have a love for or fascination with the ocean. It is my love and enjoyment of the ocean that brought me to create such a course for you. The purpose of this course is to provide you with an overview of our ocean biome. You will be introduced to many aspects of general oceanography during your course studies. A lot of our focus will be spent on marine ecosystems and a survey of the organisms that inhabit them. However, our studies will first introduce us to the geological, chemical, and physical components of our ocean world. A basic understanding of the nonliving ocean world will help us better understand its living occupants. Our studies conclude with human use of ocean resources and our impact on the ocean environment.

COURSE DESCRIPTION: This is a one-semester science course offered to juniors and seniors. This course will introduce the student to topics in historical oceanography, geological oceanography, chemical and physical oceanography, and biological oceanography. Dissections and working with preserved marine organisms is a major component of lab when studying biological oceanography.

Computer access is required to watch online lectures and to complete electronic assignments. Students must sign up for the course with the current marine science teacher; 25 seats are available.

Prerequisite: Students must have taken and passed biology with a 80 average or higher and must currently be enrolled or have successfully passed chemistry.

Required Materials Always come to class prepared and ready to learn.

- 3-Ring Binder
- Pencil
- Black ink pen
- Scientific Calculator
- Computer w/Internet Access
- Colored Pencils
- Paper: Loose leaf and Graphing
- Sharpie
- Textbook: Marine Biology by Castro & Huber 8th Edition

Grading Procedures, Policies, and Student Progress

All work completed in this class will be graded on a weighted basis. The grade earned for each marking period will result from the following weighted categories:

(A) 100-93 (B) 92-86 (C) 85-78 (D) 77-70 (F) 69-0

Know your grade! Log onto the MMS Portal to view your average and assignments.

Quarter averages are determined in the following manner:

Majors (Tests/Projects/Major Compositions)	50%
Laboratory Exercises/Activities	35%
Minors (Class & Homework Assignments/Quizzes/Notes)	10%
C.A.F.E. Participation Grade (Cooperation, Attendance, Faith, Effort)	5%

	100%
<i>*Semester Exam</i>	<i>20% of semester average</i>

*More information related to majors, labs, and minors will be provided verbally to the students in class as we discuss the policies and procedures.

Assignments: All assigned work is due at its specified date/time. Incomplete homework procedure:

Mr. Jones reserves the right to alter the syllabus for this class should it be necessary.

- 1st Offense: Use 1x Homework Pass (full credit received toward a minor assignment ONLY!)
- 2nd/3rd Offense: 20 Point Deduction/Homework must be submitted next day or an afterschool academic detention will be issued by the teacher.
- Additional Offenses: Zero credit for homework/Detention referral sent to disciplinarian.

You are responsible for missed assignments on days absent. Submitted assigned work due the day of your absence(s) is due at the beginning of class the day you return. You will be given 3 days to make-up any missed labs or tests. Make-up assignments cannot be completed during our scheduled class time. Please make necessary arrangements with the teacher.

Tutoring/Study Sessions: Never hesitate to see me for extra help! Class study sessions are highly encouraged before tests. Both tutoring and study sessions can be made by appointment with the Mr. Jones as needed.

GENERAL INFORMATION

Student Expectations *Always think...C.A.F.E.* Cooperation, Attendance, Faith, & Effort.

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|------------------------|--------------------------------|
| • Give RESPECT! | • Be PREPARED! |
| • Be POSITIVE! | • Actively PARTICIPATE! |
| • Think SAFETY! | • Always LISTEN! |
| • Be PROMPT! | • Be LEARNING! |

BE YOUR BEST by SHOWING ME YOUR BEST YOU!

Academic Honesty Policy See policy written in student handbook.

Nativity BVM Student Handbook The policies and procedures stated in the Student Handbook of Nativity BVM High School apply to this class. Failure to abide to these policies may result in behavioral and/or academic disciplinary actions.

Tardiness: Tardiness will be handled as per the school's policy. A tardy will be counted any time a student arrives to class after the bell has rung without a written note from a teacher/staff member excusing your lateness.

Discipline Plan A 4-step discipline plan will be followed for any student who fails to abide to the policies and procedures of this course.

- 1) **1st Offense**-verbal warning to student
- 2) **2nd Offense**-student-teacher meeting; behavioral analysis paper completed
- 3) **3rd Offense**-Referral sent to the dean of students for disciplinary action.
- 4) **4th Offense**-Referral to dean of students for disciplinary action; parent-teacher-student conference scheduled

*Please note that any serious wrongdoing will automatically result in 3rd or 4th Offense.

Field Trip Statement: Students will be required to occasionally perform class assignments/tasks outside the school building or on designated field trips. All school and classroom policies and procedures are applicable when participating in all field trips. You agree to release and discharge the Diocese of Allentown, its officers, agents, and employees exercising reasonable care within their scope of employment, from liability growing out of personal injuries and property damage resulting or occurring during the above mentioned activity, or in transit from said activity.

Electronic Devices Policy Students must receive permission from Mr. Jones for use of personal electronic devices (i.e. cell phones, computers, iPods, iPads, Nooks, translators, etc.) during class time. In the event personal electronic devices are to be used in class for academic purposes, the student must abide by the school's acceptable use policy and school rules regarding technology. Failure to use your personal electronic device for its intended academic purpose and/or follow the rules and regulations regarding technology and Internet use will result in disciplinary action and loss of technology privileges.