

OHHS Science Department

Course Syllabus



Course Name: Oceanography

Course Code: SCO205

Course Description:

Oceanography is a science elective that will help to further the student's understanding of physical science concepts. Content will center around the oceans, their composition, formation, and interaction with the terrestrial environment and atmosphere. Students will develop knowledge of the local ocean and Puget Sound formation and composition, as well as the atmosphere's interaction with the earth's oceans. There will be links to chemistry, physics, and biology concepts.

Prerequisites

Successful completion of Biology.

Course Resources

- Textbooks - Marine Science: The Dynamic Ocean, Meghan E. Marrero et. al., 2012
- Chromebook with internet access to electronic tools will be provided

Course Fees

None

Course Outline/Instructional Units

1. Ocean Properties - covers basic properties of water, bathymetry, physical properties that change with depth, and ocean waves.
2. Ocean & Atmosphere - covers the differential heating of Earth's surface, surface currents, energy, weather, and climate.

Major Assessments

1. Unit 1 - Ocean Properties
 - a. Comprehensive Unit Exam
2. Unit 2 - Ocean & Atmosphere

- a. Angle of Insolation Formal Lab Report
- b. Heat Capacity Formal Lab Report
- c. Comprehensive Unit Exam

Extra Help

Teachers will provide information regarding tutoring in classroom procedures. Students are encouraged to take advantage of tutoring opportunities and assistance will be offered in class.

RE-DO POLICY:

OHHS is an effort based school where we believe all students can learn. We also know that students learn at different rates. Thus, we are implementing a re-do policy that recognizes the needs of individual learners.

- 100% Re-do
 - Assessments (with exception of the Final semester exam)
 - Key Assignments: Evidence that demonstrates mastery of a standard
- Teachers may:
 - require completion of supporting assignments prior to re-do opportunities for students to show they can meet the standard.
 - require students to complete re-do of work outside of class time.
 - limit the number of re-do opportunities for each assignment.
 - assign zero grades when students choose not to do key assignments and/or assessments to standard.
- All opportunities for re-do work will come with a deadline as assigned by the teacher.

LATE WORK POLICY:

All late work can be turned in up to the end of the unit, marked by the unit exam, for up to 75% credit.

Weighted Categories

Set department categories and weighting

Category	Percentage of Overall Grade
Assessments (Formal Lab Reports, Unit Exams)	70%
Quizzes (not eligible for redo)	20%
Daily Work (not eligible for redo)	10%

Grading Scale:

Regular Scale	
Letter Grade	Percentage
A	93% and Above
A -	90%-92.99%
B+	87%-89.99%
B	83%-86.99%
B-	80-82.99%
C+	77%-79.99%
C	73-76.99%
C-	70-72.99%
D+	67%-69.99%
D	60%-66.99%
F	59.99% and Below

OHHS PLAGIARISM POLICY:

Any student, who knowingly turns in any work that has been done by someone other than himself or herself, and fraudulently represents it as his/her own, shall be considered to have cheated. Cheating also includes: aiding someone else in cheating, the use or preparation of written, pictorial, electronic or other materials not authorized by the instructor during a test or assignment, the use of testing materials obtained previous to the test date, or plagiarism of any kind. Students found cheating will also be subject to an office referral, which could result in a suspension. As an effort based school, students who have plagiarized/cheated must still demonstrate their learning. Thus, students will be given the opportunity to complete the work. This will fall under the “Late Work Policy” of the teacher where total possible points may be reduced.