

General Oceanography

Name \_\_\_\_\_

Geology 105

Expedition 1 - Introduction to the Course

Complete by Thursday at 11:00 PM

The purpose of the expedition worksheets is to provide an outline to assist students in taking clear, well-organized notes.

- The online expeditions take the place of in-class lectures, so take abundant notes and make clear diagrams, beyond merely answering the questions.
- Keep the worksheets each week, do not turn them in.
- You may take notes either electronically, directly in the form boxes in the pdf, or you may print out a hardcopy and take notes by hand, but take notes!

### Expedition Objectives

- introduce the general format of each expedition,
- review the major requirements in the course,
- provide a background of the importance of the ocean to you,
- Homework - postings in Learning Group Discussion in Canvas, the meaning of the ocean to you and two multiple choice questions on how scientists are studying threats to the ocean ecosystem presented in the BBC video "*Death of the Oceans*"

View Don's YouTube Video at <http://youtu.be/L9nOBGjldx4> and follow along in the worksheet

1. Welcome to Class

2. Basic information

3. SJSU Expectations of Student Work and Required Learning Outcomes in Area R Courses

4. Weekly Work & Reading Assignments

**5. Principal Course Assignments - Expeditions, Learning Group Discussion Postings,**

**6. Principal Course Assignments - Learning Outcome Essays, Weekly Quizzes**

**7. Final Exam & Late Assignment Submission Policy**

**8. Grade Policy & Keeping Track of Your Scores & Grades**

**9. Grading Scale and University Policy on Academic Integrity**

**10. Resources - ADA, Canvas, Learning Center and Writing Center**

**11. Course Schedules - Important Dates**

**12. Meaning of the Sea** - excerpt from President Kennedy's speech.

How did Kennedy use salinity (salt content of the sea) as a metaphor to highlight the importance of the oceans to humans?

**13. Post an Ocean Memory or the Meaning of the Ocean to You in your Expedition 1 Learning Group Discussion in Canvas**

What is your most important thought or memory about the meaning of the ocean and post in in your Expedition 1 Learning Group?

14. Next View the BBC Documentary "Horizons: Death of the Oceans" at <http://youtu.be/ggxi0rsD5aU> (at the end of the video you will be asked to develop two multiple choice questions with answers to post in your learning group discussion, so pay attention and take notes; you will also be asked to answer two multiple choice questions posted by another student)

**Threat #1** - Identify the first threat to the ocean described in this video? (it has to be with fish)

How are scientists studying this threat?

**Threat #2** - Identify the second threat to the ocean described in this video? (CO<sub>2</sub> emissions)

How are scientists studying this threat?

**Threat #3** - Identify the third threat to the ocean described in this video? (noise)

How are scientists studying this threat?

Homework assignment - Develop and post in your expedition learning group two multiple choice questions with answers (e.g. a, b, c, d, and e) on one of the threats to ocean ecosystem as described in the video and the methods of science being used to acquire knowledge about these threats?

You will also be asked to peer review the posted questions of other students in your learning group