MEA200, January 9, 2006 Ocean Literacy Survey

Survey is REQUIRED: it's worth 2.5% of your grade to answer all the questions. Survey is NOT GRADED: you will not be penalized for incorrect answers.

- 1) How deep is the ocean, on average? What familiar size or distance is similar to the depth of the ocean?
- 2) How much of the Earth is covered with ocean?
- 3) What fraction of the water on earth is in the ocean?

4) Is it possible for water from the Mediterranean Sea to travel to the Arctic Ocean? How?

5) Is there a greater variety of living organisms on land or in the ocean? Why?

6) Describe an oceanic environment you find interesting, and the ecosystem in that environment.

7) Describe one or two processes that affect the shape of the coast.

8) Our earth system runs on heat, water, carbon and oxygen, all of which cycle through the earth, ocean, atmosphere and biosphere. For any of these cycles, discuss the importance of the ocean.

9) Discuss some ways your actions affect the ocean.

10) Discuss some ways the ocean affects you.

11) Do we know all there is to know about the ocean? Describe a few ways scientists study the ocean.

12) What is science, anyway? Please elaborate.

Essay Question: Tell me what interests you about the ocean, and what you would like to learn about in this class. You may use your latest trip to the ocean as a starting point.

Undergraduates: Year: Major: Will this be your only science course at NCSU?

Most recent math class: Most recent earth science class: Most recent physics class: Most recent biology class: Most recent chemistry class: