

Course Outline

Science, Technology, and Public Affairs 35

Society and the Sea

Fall Quarter: Sept. 21 to Dec. 8, 2006

Time and place: Tuesdays and Thursdays at 9:30-10:50 am, Peterson Hall 102

Course Code: Section ID 569002

Instructor: Carl H. Gibson, Professor of Engineering Physics and Oceanography, 575 EBII, 534-3184, cgibson@ucsd.edu, <http://www-ac.s.ucsd.edu/~ir118>. Office hours before and after class.

Teaching Assistant: Jenny Vogel, SIO Marine Biology, 330 Vaughan Hall, jvogel@ucsd.edu, 858 534-4957. Course questions to Pam Clark, 858 534-3311.

Textbook: M. Grant and Elizabeth Gross, *Oceanography: A View of Earth*, 7th Edition, Prentice-Hall, 1996, available in the bookstore and on reserve in main library.

Course description: Introduction to the oceans and their relationship to humankind. Selected topics include ocean related science, engineering, research, economics and international relations (emphasizing countries of the Pacific rim); living and non-living resources; coastal zone management; military and social aspects; and the sea in weather and climate.

Grading: Midterm exams given on Oct. 17 and Nov. 7 count 20% each. Study questions at the end of each chapter and your term project notes should be kept in a notebook (due Nov. 29) that counts 10%. Questions and term project may be freely discussed with other students, but copying is not permitted. Your term project, on a selected topic related to oceanography and societal concerns, counts 15%. A written report is due Nov. 30 (oral reports Nov. 28, 30). The final exam is in Peterson Hall 102, 9:30 am on Tuesday, Dec. 5, and counts 35%.

Schedule:

<i>Week</i>	<i>Date (Tues.,Thurs.)</i>	<i>Read Chapter</i>	<i>Do Study Questions (all at end of Chapter)</i>
1	Sept. 21,26,28	1,2: Appendices	1, 2
2	Oct. 3,5	3, 4	3, 4
3	10,12	5,6	5,6
4	17 Exam 1, 19	7	7
5	24,26	8,9	8,9
6	31, Nov.2	10,11	10,11
7	7 Exam 2, 9	12	12
8	14,16	13,14	13,14
9	21, Thanksgiving	15	15
10	28, 30	Term Project Due	Notebook Due
11	Tues., Dec. 5, Final Exam		