Marine Monitoring and Analysis
MARE 350/350L
Spring 2003

Monday 1-4 MSB 103; Wednesday 1-5:45 Four Winds or MSB 104
Course taught by: Drs. Dudley, Haberstroh, and McDermid

Course Description:

Theoretical and practical planning and implementation of data collection and analysis of the marine environment. Field and laboratory data collection in the marine environment and its statistical analysis. Techniques include measuring geological, chemical, and physical oceanographic properties; estimating the abundance and diversity of plankton, nekton, and benthos; and use of modern data recording and analyzing systems.

[In the original schedule, a detailed course schedule of topics/assignments is placed here, with names of instructors responsible for the various sessions, locations. In the interest of focusing attention on the overall content of syllabi, this section is omitted from this posting of model syllabi.]

Rules for Mare 350/350L

Objectives of the course include not only learning to use the techniques mentioned above, but also learning how to interpret the data collected. Students are expected to assume various positions of responsibility on research expeditions, direct certain sampling protocols, and verify the integrity of data and physical samples.

Many lab exercises are carried out as “team exercises”, however, your work is your own! Do not just copy the data or interpretation of your teammates - they may have it wrong! Identical lab write-ups, even from members of the same team, will get an identical grade - F.

All lab homework exercises are due at the beginning of following week’s lab period. Any exercise not turned in at this time will lose 10%. Points will continue to diminish at the rate of 10% per school class day, i.e. one week late = -50%.

Due to the advance preparation, expense, and complexity of carrying out laboratory exercises, labs cannot be made up. If you miss more than one lab, you will have the option of receiving a “0” for any missed labs or getting an Incomplete until the exercise has been made up during the following semester.

Your grade in each part of the course will consist of grades on lab exercises plus an examination. The exercises together count for 75% and the exams for 25% of your grade in each part of the course. Each section of the course, i.e. Geological/Physical, Biological, and Chemical, will contribute 33% to your total grade in Mare 350/350L.

Attitude also counts in this course. Any oceanographer will tell you that successfully working
together on a ship or in the field requires that the scientists and technicians be both cooperative and enthusiastic. As a result, up to 10% of your grade on each field exercise may be based on your enthusiasm, cooperativeness, and general attitude in working on the exercise.

Any student with a documented disability who would like to request accommodations should contact the University Disability Services Office at 933-0816 (V), 933-3334 (TTY), Campus Center Room 311, as early in the semester as possible.

Please read the above carefully and sign the statement below. Tear off along the dotted line and give the signed statement to your instructor.

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I _____________________________________________________________________________________________

(please print full name) have read and understand the grading rules for MARE 350/350L Marine Monitoring & Analysis, for Spring Semester 2003.

Signed: ________________________________________, date __________________