GEOL 180 – INTRODUCTION TO OCEANOGRAPHY
SUMMER I
Tuesday and Thursday, 6:40 to 9:28 p.m.

Instructor: Dr. Faye F. Melas
Office: 1032 Hunter North
Telephone: (212) 772-5265 – Department of Geography Office
Office hours: By appointment
e-mail: ffmelas@yahoo.com

Introduction: Even though the oceans cover about 72% of our world, they are still one of the last frontiers available to the human race. The challenge of learning how to use them is now starting to become reality.

Previous editions of this textbook may be purchased used from Amazon or eBay. This textbook is also available as a 360 day subscription eTextbook for $77.75. Check out www.coursesmart.com and search under the title.

Course Description: Oceanography is the study of the physical, chemical and biological aspects of our oceans. The goal of this course is to make the students understand our oceans and the influence they have on our environment, climate and future. The economic importance and potential environmental damage will also be considered.

Course Objectives: Upon successful completion of this course, the students will be able to:
- Understand the origin, evolution and structure of the ocean basin and their relationship to sea-floor spreading and plate tectonics.
- Describe the evolution of sea water, its composition and the chemical reactions it undergoes with the animal and plant life it contains.
- Understand the interactions of the ocean with the atmosphere as it relates to temperature, salinity, density and ocean circulation.
- Appreciate the delicate balance which exists between our quest to retrieve resources from the oceans and the potential environmental damage which may result.

Hunter College Policy on Academic Integrity: Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The college is committed to enforcing CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures.

Grading Procedure: The entire course covers chapters two through thirteen. There will be three examinations based on lecture and reading assignments. Each exam counts for 1/3 of the student’s grade and will cover four chapters, as follows:
- Exam 1: Chapters 2-5 (TBA)
- Exam 2: Chapters 6-9 (TBA)
- Exam 3: Chapters 10-13 (Final Exam): Given the last day of classes
Make-up exams will not be given. In the event that one regular exam is missed (not the final), the student’s lowest exam grade will be assigned as the score for the missed exam. The final exam may not be missed. If missing an exam is unavoidable (i.e. for medical reasons) I must be notified prior to the exam.
The university rules concerning grading will be strictly followed. Under no circumstances will a student be allowed to do “extra credit” to improve his/her grade.

**Attendance:** Class attendance is recommended. In addition to information provided in the text, extra material and occasional pertinent films will be shown and discussed in class. Examinations will include questions on all of the above.

**Incomplete Work in the Course:** When a student **FOR VALID REASON** does not complete the work assigned in a course (including the final exam, papers, etc.) and in the view of the instructor still has a reasonable chance to pass the course, the student shall be given the grade IN (incomplete). The student must explain the reason to the instructor or, in the absence of the instructor, to the department chair and arrange a schedule for making up the missing course work. These steps must be taken as soon as possible and **no later than the end of the second week of the following semester**. The student shall then be given the opportunity to complete the course without penalty beyond previously established penalties for lateness. Students averaging “C” or above are eligible to request an incomplete grade.