SYLLABUS

MAR 555 INTRODUCTORY PHYSICAL OCEANOGRAPHY
Fall 2011

Class Location: SMAST-I Rm 204

Class Time: Lectures: Tuesday/Thursday 3:30-4:45pm
Recitation: Monday 4:00-5:15pm

Instructors:
Wendell Brown wbrown@umassd.edu
Geoffrey Cowles gcowles@umassd.edu
TA – Richard Arena rarena@umassd.edu

Course Description:
Credit hours: 3 Prerequisite(s): Permission of the Instructor

A descriptive treatment of ocean-atmosphere interactions, water properties, general wind-driven and thermohaline circulation, waves and tides; and coastal processes. Simplified conceptual models demonstrate the important principles.

Expectations of Students Taking the Course for Credit:
• Attendance at lectures and recitations
• Submission of all assigned homework
• Participation in class and particularly recitation discussions

Course Website:
http://mar555-f2011.umassd.wikispaces.net/

Lectures: WSB & GC (see below)
WSB Class Notes: http://www.smast.umassd.edu/MAR555_04/notes_contents.htm
GC Class Notes: Available on the Class Website

Recitation:
Weekly Problem Sets: Generally assigned Tuesday due following Tuesday 30%
Classroom Discussion Participation 10%

Examinations:
Mid-Term 25%
Final 35%

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Mid-Term 25%
Final 35%

Principal Texts:
General Introductory Oceanography References


Advanced Introductory PO References


Other Introductory PO References


Course Topics and Readings: See Class Website