OCEANOGRAPHY COURSE OUTLINE

OCE 3014, Wednesday, 1825-2105, GL-165
Instructor: Michael Wacker
E-mail: mwacker@usgs.gov, Office: (954) 377-5949
Text: EARTH, Essentials of Oceanography; Trujillo and Thurman, 9TH Ed.
Exams: 3 total, 2 midterms and final (100 points each)

The schedule may slip depending on lecture. The subject matter may require additional time.

26 August: Course Introduction
Chapter 1, Introduction to Planet Earth

2 September: Chapter 2, Plate Tectonics and the Ocean Floor

9 September: Chapter 3, Marine Provinces
Chapter 4, Marine Sediments

16 September: Chapter 5, Water and Seawater

23 September: Chapter 6, Air-Sea Interaction
Midterm # 1, Chapters 1 thru 5

30 September: Chapter 7, Ocean Circulation

7 October: Chapter 8, Waves and Water Dynamics
Chapter 9, Tides

14 October: Chapter 10, The Coast, Beaches, and Shoreline Processes

21 October: Chapter 11, The Coastal Ocean
Midterm # 2, Chapters 6-10

28 October: Chapter 12, Marine Life and The Marine Environment

4 November: Chapter 13, Biologic Productivity and the Marine Environment

11 November: Veteran’s Day: No Class

18 November: Chapter 14, Animals of the Pelagic Environment

25 November: Thanksgiving Eve, No class

2 December: Chapter 15, Animals of the Benthic Environment

9 December: Final, Chapters 11 thru 15, (subject to change) 1825-2105