

Ocean 10 Lecture/Lab Tentative Schedule: Fall 2006

Wk.	Monday	Wednesday	Lab Ex.	
Aug. 28 - Sept. 1	Intro to Oceanography Maps and Oceanography Appendix III and IV p. 339-342	Ocean World and History Ch. 2, p. 19-39	Maps and Ocean Lab Exercise 1A	
Sept. 4 - 8	HOLIDAY	Ocean Basins, Bathymetry, and Seismic Profiling. Ch. 4, p. 65-69	The Metric System Lab Exercise 1B	
Sept. 11 - 15	Continental Margins and Ocean Basins; Ch. 4 p. 69-87	Plate Tectonics Ch. 3 p. 40-50	Bathymetry Lab Exercise 2	
Sept. 18 - 22	Plate Tectonics Ch. 3 p. 50-63	Intro to Materials of Seafloor Ch. 5 p. 88-95	Isostasy Lab Exercise 3	
Sept. 25 - 29	Materials of Seafloor Marine Sediments Ch. 5 p. 95-104	Exam I	Plate Tectonics Lab Exercise 4	
Oct. 2 - 6	The Rock Cycle	Water Properties Ch. 6 p. 106-113	Minerals and Rocks Lab Exercise 5	
Oct. 9 - 13	Seawater Chemistry Ch. 6 p. 119-129	Life in the Ocean Marine Environment Ch. 12 p. 247-254	Water Properties Lab Exercise 6	
Oct. 16 - 20	Life in the Ocean: Ecology and physical factors on life Ch 12 p. 236-247	Exam II	Salinity Lab Exercise 7	
Oct. 23 - 27	Marine Communities Pelagic: Plankton, Nekton Ch. 13, p. 256-281	Marine Communities Benthic Invertebrates Ch. 14 p. 282-289; 292-302	Marine Life, Ecology, Plankton, Productivity Lab Exercise 8A	
Oct. 30 - Nov. 3	The Intertidal Community Ch. 14, p. 289-292 Field Trip Saturday, Nov. 4	Ocean Physics: Refraction, Light, Sound, dissolved gasses Ch. 6 p. 113-119	Benthic Invertebrates Lab Exercise 8B	Field Trip Sat., Nov. 4, Natural Bridges 2 PM to 5:30 PM
Nov. 6 - 10	Ocean Waves Water Dynamics Ch. 9 p. 172-194	Waves and Tides Ch. 9 and 10	Ocean Physics Lab Exercise 9 Exam III	
Nov. 13 - 17	Tides Ch. 10 p. 195-210 Intro to Atmosphere	Atmospheric Circulation Ch. 7 p. 130-149	Waves and Tides Lab Exercise 10	
Nov. 20 - 24	Ocean Circulation Ch. 8 p. 150-171	Coasts Ch. 11 p. 211-226	Solar Radiation, Atmosphere, and Ocean Currents Lab Exercise 12	
Nov. 27 - Dec. 1	Coasts, Estuaries Ch. 11 p. 226-235	Origin of the Universe, Earth, Oceans, Life; Ch. 1 p. 1-18	Field Trip to Santa Cruz Beaches Lab Exercise 14	
Dec. 4 - 8	Uses and Abuses of Ocean Ch. 15, p. 303-333	Uses and Abuses of Ocean	Coasts and Estuaries Lab Exercise 15	
Dec. 11 - 15		Final Exam December 13 9:40 AM to 11:40 AM		