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DATE		DAILY TOPIC	WEEKLY TOPIC	READING & ASSIGNMENTS Chapter/Section:pages
WEEK 1	LAB:	NO LAB THIS WEEK		
SEPT. 30	WEDNESDAY	Course Overview		Course Syllabus
OCT. 2	FRIDAY	The importance of oceanography to the people and economy of the Pacific Northwest	WHY STUDY WASHINGTON (WA) WATERS?	
WEEK 2	LAB:	Do you really want to buy that beachfront house?	SHORELINE PROCESSES	
OCT. 5	MONDAY	Finding the best beach to sunbathe or snorkel: WA shores and beaches		12.1-12.2:289-295 LAB 1 ASSIGNED
OCT. 7	WEDNESDAY	Here today, gone tomorrow: sediment transport and beach evolution		12.3-12.4:296-301
OCT. 9	FRIDAY	The story of Ediz Hook		12.5-12.6:301-306 LAB 1 DUE
WEEK 3	LAB:	What is hiding under that rock (and how does it survive when the tide is out)?	THE ECOLOGY OF PLANTS AND ANIMALS OF THE ROCKY INTERTIDAL	
OCT. 12	MONDAY	Types of plants and animals in the rocky intertidal		FIG. 14.1:344 18.1:432-443 (to "Animals of the Deep-Sea Floor") 18.7 pgs. 456-459 LAB 2 ASSIGNED
OCT. 14	WEDNESDAY	When is the best time to go beachcombing or tide pooling? An introduction to tides		11.1-11.5:271-276
OCT. 16	FRIDAY	Nowhere to run and hide when the tide is out: survival and predation in the intertidal		18.3:444 Seattle Times article: http://community.seattletimes.nwsourc.com/archive/?date=19960908&slug=2348155 LAB 2 DUE
WEEK 4	LAB:	Why are the beaches closed to shellfish harvesting and swimming?	HUMAN IMPACT ON SHORES AND BEACHES: WHERE DOES OUR POLLUTION GO?	

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OCT. 19	MONDAY	Where does our pollution go? The hazards of shellfish harvesting		13.1:321-324 Fecal coliform lab handout LAB 3 ASSIGNED
OCT. 21	WEDNESDAY	Killer in the kelp Could change in the dining habits of orcas crash an ecosystem? Review		
OCT. 23	FRIDAY	EXAM 1		LAB 3 DUE
WEEK 5	LAB:	What is an estuary? Is it salty or fresh?	CHEMICAL AND PHYSICAL PROPERTIES OF PUGET SOUND WATERS	
OCT. 26	MONDAY	How was the Puget Sound formed?		12.2:291-292 (“fjords” – Primary Coasts) 12.7:306-310 LAB 4 ASSIGNED
OCT. 28	WEDNESDAY	Is the Puget Sound salty or fresh? Chemical and physical properties of Puget Sound waters		5.2:126-127 5.6:130-132 6.1:149-153 (to “Regulating the Salt Balance) 6.2-6.4:155-161
OCT. 30	FRIDAY	Where rivers and the ocean meet: an introduction to general estuarine circulation		8.1:201-204 8.4:210-212 LAB 4 DUE
WEEK 6	LAB:	Why is Puget Sound so productive?	LIFE IN THE EMERALD WATERS	
NOV. 2	MONDAY	The drifters of Puget Sound: Phytoplankton and photosynthesis		16.1-16.2:378-386 16.6:395-396 LAB 5 ASSIGNED
NOV. 4	WEDNESDAY	The swimmers of Puget Sound: Zooplankton (and other herbivores)		16.3-16.5:386-395
NOV. 6	FRIDAY	The Benthos of Puget Sound: Are the Acres of Clams (and other invertebrates) safe to eat?		18.2:434-444, focus on “Animals of the Soft Substrates” and “Animals of the Deep-Sea Floor” 16.7:396-399 LAB 5 DUE
WEEK 7	LAB:	What salmon species are endangered in Puget Sound? Are hatcheries the answer?	PROTECTING WASHINGTON WATERS	
NOV. 9	MONDAY	The Macro-nekton of Puget Sound: Fish and mammals (and why oceanographers are interested in seabirds)		17.1:402-405, skim 405-414 17.2:414-416 17.4-17.5:418-422, skim 17.6:422-428

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NOV. 9	MONDAY			LAB 6 ASSIGNED
NOV. 11	WEDNESDAY	HOLIDAY		
NOV. 13	FRIDAY	National Parks of the Sea: Marine Protected Areas		13.8:339-341 "National Marine Sanctuaries" Box:308-309 LAB 6 DUE
WEEK 8	LAB:	Where should the next sewer outfall be located in the Puget Sound?	UNDERSTANDING WHERE OUR POLLUTION GOES	
NOV. 16	MONDAY	How what humans do on land impacts our local waters: coastal development, pollution, over-fishing		LAB 7 ASSIGNED
NOV. 18	WEDNESDAY	Be a "Sound Citizen" Review		
NOV. 20	FRIDAY	EXAM 2		LAB 7 DUE
WEEK 9	LAB:	NO LAB THIS WEEK	GEOLOGY OF THE PACIFIC NORTHWEST	
NOV. 23	MONDAY	Earthquakes, volcanoes, tsunamis, oh my. Predicting the next big earthquake in the Pacific Northwest		3.3-3.4:56-74
NOV. 25	WEDNESDAY	Hydrothermal vents and chemosynthetic communities		3.7:83-88 18.5:453-455
NOV. 27	FRIDAY	HOLIDAY		
WEEK 10	LAB:	Where is the best place to surf along the WA coast?	WINDS, WAVES AND OCEAN CIRCULATION	
NOV. 30	MONDAY	What makes water move?		7.1:168-171 7.5-7.6:178-189 8.1-8.3:201-210 LAB 8 ASSIGNED
DEC. 2	WEDNESDAY	Winds and waves		10.1-10.8:240-253
DEC. 4	FRIDAY	Understanding coastal circulation patterns: Are our coastal waters warming or is it just an El Nino year?		9.1-9.2:219-223 9.5-9.6:226-232 7.8:189-194 LAB 8 DUE

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WEEK 11	LAB:	How do oceanographers do oceanography?	OCEAN HEALTH AND HUMAN HEALTH	
DEC. 7	MONDAY	Why are dead zones occurring off the Pacific Northwest coast?		13.2:324-326 Seattle Times article: http://seattletimes.nwsourc.com/html/nationworld/2008115230_deadzones15.html LAB 9 ASSIGNED
DEC. 9	WEDNESDAY	Is the Pacific Ocean's chemistry killing sea life?		Seattle Times article: http://seattletimes.nwsourc.com/html/localnews/2009336458_oysters14m.html
DEC. 11	FRIDAY	What scientists are doing (and what you can do) to ensure healthy Washington waters.		LAB 9 DUE
DEC. 16	WEDNESDAY	FINAL EXAM 2:30-4:20pm OTB 14		