

K 101 Introduction to Oceanography

Fall 2010

Instructor: Mr. Paul C. Makarewicz

W 5:00 – 8:00

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Course Description: Properties of sea water, waves, tides, currents, oceanographic instruments, world ocean circulation, origin of LIS, chemical oceanographic processes, life in the sea, environmental modification and control

Tentative schedule and subject to change

Session	Date	Topic	Reading/Chapter(s)
1	Sept 1	Introduction and History	1,2
2	Sept 8	Water	5
3	Sept 15	Marine Environment	10
4	Sept 22	Life in the Sea	12
5	Sept 29	Field Trip: Rocky Neck State Park, Niantic Rocky Intertidal, Tide Pools, Sandy Shore (LT 22:33 .39 ft) (HT 14:52) WGW (Will Get Wet)	
6	Oct 6	Exam # 1 Chapters, 1,2,5,10,12	
7	Oct 13	Field Trip : Barn Island Wildlife Management Area, Stonington Tidal Marsh/ Estuary (LT 21:16 .43 ft) (HT 14:29) WGW	
8	Oct 20	Coasts and Estuaries	9
9	Oct 27	Life in the Water	11
10	Nov 3	Circulation Patterns + Ocean Currents	7
11	Nov 10	Exam # 2 Chapters 9,11,7 + Field Trips	
12	Nov 17	Waves + Tides Paper Due	8
13	Nov 24	Thanksgiving: No Class	
14	Dec 1	The Sea Floor	4
15	Dec 8	Plate Tectonics	3
16	Dec 15	Final Exam Chapters 8, 4, 3	