



Northeastern

U N I V E R S I T Y

DIVING RESEARCH METHODS BIO U589/G289 (2 CREDITS)

Ted Maney, Instructor

Tim Dwyer, TA

SYLLABUS

Mon., 11 Sept	Diving Lectures Checkout Dives	NOAA Ch 1-4
Mon., 18 Sept	AM Diving Lectures Checkout Dives	NOAA CH 8, 21
Mon., 28 Sept	AM Experimental Design (L) Sampling Methodology (L) Echinoderm Densities off Canoe Beach (D) Echinoderm Densities off Pumphouse Beach (D)	
Mon., 2 Oct	Essential Fish Habitat Surveys EFH Survey at Canoe Beach EFH Survey at Pumphouse Beach	Handouts NOAA CH 9
Mon., 9 Oct	Methods of quantification of mobile fauna (L) Review of mobile fauna (L) Analysis of mobile fauna at Canoe Beach (D) Analysis of Mobile Fauna at Pumphouse Beach (D)	Handouts
Mon Oct 16	Basic Scuba Exam Kelp Growth Lab Set up	
Mon., 23 Oct	Underwater photography I. Principles & Methods (L) Underwater photography II. Hardware (L) PM Underwater camera use (D)	
Mon 30 Oct	Kelp Growth Lab Measurements Night Dive	



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Monday Nov 6
Lab Report Due
Lab Notebook Due

Saturday Oct???
First Aid Training

NOAA Ch19, 20

ASHI CPR Course
DAN Oxygen Provider Course
ASHI/ DAN First Aid for Diving Course

Grading:	Written lab report.	40%
	Basic Scuba Exam	40%
	Lab Notebook	20%

Text NOAA Diving Manual
Handouts

First Aid Certifications Text & Certs \$50

Rescue Diver Course (Nov 4&5?) \$100