

MS 105 Fall Scientific Diving Course Syllabus Outline

<u>Week</u>	<u>Pool/Ocean Activities (AM)</u>	<u>Lecture (PM)</u>	<u>Reading</u>	<u>Location</u>
1	CSUMB POOL swim test	Course Introduction, Admin and Paperwork, Basic Equipment Lecture	NAUI Chp.1	CSUMB pool
2	CSUMB POOL swim test /Skin Skills	Dive Physics, Tanks and Regulators, SAC rates, Haz Mat	NAUI Chp, 3, Hazmat Lecture	CSUMB pool
3	CSUMB POOL Scuba skills	Diving Physiology, Marine Environment	NAUI Chp. 2, 4, DAN FaPRO intro	CSUMB pool
4	CSUMB POOL - Scuba, advanced skills, rescue	Diving Emergency & Rescue / DAN FAPRO CPR w/AED	NAUI Chp.6, MLML DEMP,	CSUMB pool
5	CSUMB POOL - Scuba research skills	Search & Salvage, Navigation, Emergency O2, Reef Check - Kelp	NAUI Chp.7, 9, DAN FaPRO -	CSUMB pool
6	OCEAN Check-out Dive, Rescue	Deco. Theory, Tables & Computers, Dive Log/Planning, RCCA Algae &	NAUI Chp. 5, Reef Check Manual pgs	Local Dive Site
7	Navigation, Search & Salvage / kelp counts	NAUI NITROX lecture, DAN FaPRO- First Aid	NAUI NITROX book/PDF, DAN	Local Dive Site
8	Transects - species ID and algae swaths	Boat Diving/Tech & Deep Diving ****MIDTERM ****	NAUI Chp 10/11/12, MLML Boat Regs.	Local Dive Site
9	Invert & Algae Swaths	BOAT DIVE - RV John Martin	---- on boat ----	BOAT DIVE
10	UPC/ Subtidal tool manipulation	FISH ID lecture / Night& Low Viz/Blue Water Diving	RCCA Fish Lecture / Blue water Diving	Local Dive Site
11	Benthic Fish transects	DAN FaPRO - Field Neuro/ Hazardous Marine Life, Project proposal discussion	DAN FAPRO	Local Dive Site
12	VETERAN'S DAY	NO CLASS		
13	DAN FAPRO practical test, NAUI RESCUE TEST	Project proposal due***	Take Home- DAN Fapro test, NAUI	Local Dive Site
14	THANKSGIVING BREAK -	NO CLASS		
15	Project Dives ***Night Dive****	Work up project data, Test Review Project Dive Discussion / AAUS lecture	DUE - DAN FAPRO test, NAUI Rescue test	Local Dive Site
16	possible MBA Dive	Grade FAPRO TEST & Rescue Test	NAUI Chp. 10	Local Dive Site
17	1, Test - NAUI Master Diver, NAUI NITROX, MLML REGS			