

# MarineLab 2016 Teacher Workshops

*Advanced Marine Ecology & Research Techniques  
July 25 - 29, 2016*

		MONDAY 7/25	TUESDAY 7/26	WED 7/27	THURSDAY 7/28	FRIDAY 7/29	
8 AM	:00 :30		BREAKFAST (8:00)	BREAKFAST	BREAKFAST	BREAKFAST	
9 AM	:00 :30		DISCUSSION: Seagrass ecology & Research Methods	FIELD TRIP: Rodriguez Key zonation with Diversity Indexing	FIELD TRIP: Coral reef ecology #2 with parrotfish surveys	FIELD TRIP: Reef Restoration Sites	
10 AM	:00 :30		FIELD TRIP: Seagrass ecology with quadrats				
11 AM	:00 :30						
12 PM	:00 :30	OPEN CHECK IN	LUNCH (12:30)	LUNCH	LUNCH	LUNCH	
1 PM	:00 :30		LAB: Mariculture	DISCUSSION: Coral Reef Ecology with Bleachwatch	Booking a MarineLab Program (optional)	Summary	
2 PM	:00 :30	ORIENTATION	FIELD TRIP: Mangrove ecology with soil analysis, water quality testing	FIELD TRIP: Coral Reef Ecology with Bleachwatch, water quality testing	LAB: Citizen Science with Phytoplankton Monitoring Network	Post test & evaluations	
3 PM	:00 :30	SWIM TEST, SNORKEL ORIENTATION, LAGOON SNORKEL					<i>Participants may depart immediately after completing their evaluation</i>
4 PM	:00 :30					DISCUSSION: History & Technol of Underwater Habitats	
5 PM	:00 :30						
6 PM	:00 :30	ICEBREAKER					
		SUPPER	SUPPER	SUPPER	SUPPER		
7 PM	:00 :30	PRE-TEST	Data Analysis	LAB: Spicule Prep		<b>COLOR KEY</b> Introductory activities, paperwork Diving or other WET activity Labs & excursions Discussions (In FCC)	
8 PM	:00 :15 :30 :45	LAB: AP Water Quality	LAB: Diversity Indexing	DISCUSSION: Field Identification of Reef Fish & parrotfish survey	DISCUSSION: Reef Restoration		
9 PM	:00 :15 :30	DISCUSSION: Intro to Keys Habitats		LAB: Sponge Spicule Identification	LAB: Zooplankton identification		
	:45	<i>Sequence and content of field trips subject to change due to weather and group size considerations.</i>					10/12/2015