

## **2012 FMR NATURALIST TRAINING SCHEDULE**

**Class will begin at 10 am and will typically end 3:30-3:45 pm (please check the details for each class; we have a couple days when we end earlier)**

### ***Jan 7 (Class 1) LOW TIDE: 3:40 pm (-0.5):***

Introduction: 10-10:30 am (slide show)

Overview of training class -Training Team - 15'

FFMR Overview – Tom Ciotti, President of FFMR – 15'

Tides, Tidal Zones and Tidepool Ecosystems lecture: 10:30 am - 12:30 pm  
Joseph Centoni – 2 hours

Lunch/travel time to FMR: 12:30-1:30 pm

Meet at FMR: Overview of Fitzgerald Marine Reserve/MPA: 1:30-1:45 pm  
Sarah Lenz, Ranger – 15'

Tide Pool Ecosystems exploration (small groups): 1:45-3:45 pm  
Joseph Centoni, training team - 2 hours

### ***Jan 14 (Class 2) Tides: 8:15 am 1.7 (low), 1:57 pm 4.3 (high)***

Geology of FMR lecture: 10 – 11 am

Gary Mason – 1 hour

Travel time to FMR: 11 - 11:30 am

Meet at FRM: Geology field exploration: 11:30 - 12:30 pm  
Gary Mason – 1 hour

Lunch/travel time to Pillar Point: 12:30 - 1:30 pm

Bird Walk: 1:30-3:30 pm

JP Jones - 2 hours

### ***Jan 21 (Class 3) LOW TIDE: 3:23 pm (-1.0)***

Cnidarians lecture: 10 - 11:30 am

Joseph Centoni - 1.5 hours

Echinoderms lecture: 11:30 am -1:00 pm  
Joseph Centoni - 1.5 hour

Lunch/travel time to FMR: 1-2 pm

Meet at FMR: Cnidarians and Echinoderms tide pool exploration: 2-3:30 pm  
Joseph Centoni - 1.5 hours

***Jan 28 (Class 4) Tides: 8:10 am 1.8 (low), 1:49 pm 4.0 (high)***

Sponges, Tunicates, Worms lecture: 10-12 pm  
Tom Niesen - 2 hours

Lunch/travel time to Pillar Point Harbor: 12-1 pm

Meet at Pillar Point Harbor: Sponges, Tunicates, Worms exploration: 1-3 pm  
Tom Niesen - 2 hours

***Feb 4 (Class 5) LOW TIDE: 2:37 pm (-0.1)***

Mollusks lecture: 10 am - 1 pm  
Tom Niesen - 3 hours

Lunch/travel time to FMR: 1-2 pm

Meet at FMR: Mollusks tide pool exploration: 2-3:30 pm  
Tom Niesen – 1.5 hours

***Feb 11 (Class 6) Tides: 6:52 am 1.0 (low), 12:53 pm 4.3 (high)***

Marine Mammals lecture: 10 am -12 pm  
Doreen Gurrola, Marine Mammal Center - 2 hours

Lunch/travel to FMR: 12-1:00 pm

Marine Mammals field exploration: 1:00 – 2:00 pm  
Doreen Gurrola - 1 hour

***Feb 18 (Class 7) LOW TIDE: 2:23 pm (-0.4)***

Arthropods lecture: 10 am - 12 pm  
Joseph Centoni – 2 hours

Lunch/travel time to FMR: 12-1 pm

Meet at FMR: Arthropods tide pool exploration: 1-3 pm  
Joseph Centoni – 2 hours

***HAND OUT EXAMS***

***Feb 25 – NO CLASS***

***March 3 (Class 8) LOW TIDE: 1:15 pm (0.4)***

Algae lecture: 10 am -12 pm  
Joseph Centoni - 2 hours

Lunch/travel time to FMR: 12-1 pm

Meet at FMR: Algae Identification: 1-2 pm  
Joseph Centoni - 1 hour

Family Fun Day Activities: 2-3:30 pm  
Training Team, Joseph Centoni - 1.5 hour

***EXAMS DUE***

***March 10 (Class 9) Tides: 5:42 am 0.0 (low), 12:00 pm 5.0 (high)***

Interpretive Techniques lecture: 10-11:30 am  
Carol Preston NOAA – 1.5 hour

Interpretive Techniques Open Forum/Welcome & Safety talk: 11:30 -12:30 pm  
Linda Ciotti, seasoned FMR Docents - 1 hour

Return graded exams, hand out name badges, sign forms for the County, and

distribute jackets/sweatshirts: 12:30 – 1 pm

Graduation party! 1-3 pm  
Linda & Tom Ciotti's home

## **RETURN EXAMS**

### ***Tide Pool Mentoring Days:***

Sunday, Jan. 22, 3-5 pm - LOW TIDE 4:05 (-1.0)  
Monday, Feb. 6, 2:30-4:30 pm - LOW TIDE 3:46 pm (-0.5)  
Saturday, March 17, 1-3 pm - LOW TIDE 2:07 pm (0.0)

Students will be assigned to training team members (4-5 students each) and training team will be available to meet with students on the Mentoring Days.

Students will be expected to complete a minimum of 6 hours with mentor to graduate. Two (2) of the required hours must be fulfilled by going out with a training team member on at least one of the above days. The remaining four (4) required hours may be fulfilled by attending one of the optional days listed below or by scheduling another time with a mentor (list to be provided).

### **Optional Tide Pool Mentoring Days:**

Sunday, Feb. 5, 2-4 pm – LOW TIDE 3:13 pm (-0.3)

Sunday, Feb. 19, 2-4 pm – LOW TIDE 3:06 pm (-0.4)

