

Tuesday Ocean Laboratory Schedule - MiraCosta Fall 2022

| Date | Lab Meeting Lecture and Discussion Topic | Location and Time |
|----------|---|---|
| Tu 8/23 | LAB 1 - Introduction / Safety / Scientific Measurement | OC4529 @ 1:30 pm |
| Tu 8/30 | LAB 2 - Isostasy | OC4529 @ 1:30 pm |
| Tu 9/6 | LAB 3 - Maps and Charts | OC4529 @ 1:30 pm |
| Tu 9/13 | LAB 4 - Seafloor Geography / Plate Tectonics | OC4529 @ 1:30 pm |
| Sat 9/17 | Voluntary Weekend Fieldtrip - Torrey Pines Beach - Coastal Geology and Tectonics Theme | See Online Fieldtrip Guide for Info Meet at beach at 9:00 am |
| Tu 9/20 | LAB 5 – Navigation | OC4529 @ 1:30 pm |
| Tu 9/27 | LAB 6 - Sediments | OC4529 @ 1:30 pm |
| Tu 10/4 | LAB 7 - Seawater Chemistry Ocean Chemistry (closed-toed shoes required) | OC4529 @ 1:30 pm |
| Tu 10/11 | MIDTERM LAB EXAM | OC4529 @ 1:30 pm |
| Tu 10/18 | LAB 8 - Ocean Waves - <u>Field Trip</u> | Oceanside Pier @ 1:45 pm |
| Tu 10/25 | LAB 9 – Beach Profiling - <u>Field Trip</u> | Tamarack Beach @ 1:45 pm |
| Tu 11/1 | LAB 10 - Wave Behavior | OC4529 @ 1:30 pm |
| Sun 11/5 | Voluntary Weekend Fieldtrip - Blacks Beach Waves and Currents Theme | See Online Fieldtrip Guide for Info Meet at beach at 9:00 am |
| Tu 11/8 | LAB 11 – Beach and Bluff Erosion - <u>Field Trip</u> | Stonesteps Beach @ 1:45 pm |
| Tu 11/15 | LAB 12 - Tides | OC4529@ 1:30 pm |
| Tu 11/22 | LAB 13 - Beach Sediments and Tidepools – <u>Field Trip</u> | Swamis Beach Park @ 1:45 pm |
| Tu 11/29 | LAB 14 – Lagoon Geology and Ecosystem – <u>Field Trip</u> | Batiquitos Lagoon @ 1:45 pm |
| Tu 12/6 | LAB 15 - Marine Life & Habitats - <u>Field Trip</u> | Birch Aquarium @ 2:00 pm |
| Tu 12/13 | FINAL LAB EXAM | OC4529 @ 2:00 pm |

Please Note: This schedule may be changed or modified by the instructor at any time during the semester. Students will be notified in a timely basis if changes are made.