

Research Diving Course - Summer 2007

California State University - Ocean Studies Institute

Instructor: Jim Cvitanovich (OSI)

Locations: CSULB, LBAOP, SCMI, Local Waters

Dates: August 4 - August 18, 2007

PRE-REQUISITES

All students enrolling in the course must have the following:

1. Certification as an open water scuba diver, issued by a nationally recognized certification agency (NAUI, PADI, YMCA, SSI, etc.)
2. Advanced level diver certification, or equivalent, from a nationally recognized training agency, OR a minimum of 12 logged scuba dives. The 12 logged dives must have been made SINCE entry level training was completed (*entry level training dives do not count* toward this number).
3. A minimum of 4 logged dives within the past year, 2 of which are within the last six months.
4. Scuba regulator service, by an authorized technician, within one year (or new within one year).
5. Course application. *
6. Research Diving Application. *
7. Signed waiver. *
8. Current Medical Examination for Scuba Diving, AAUS standards. Recreational agency forms are not acceptable.
9. Current First Aid training. **
10. Current CPR training. **
11. Training in Emergency Oxygen Administration. **

* **Forms are available on the OSI Diving Program Web Site, or contact OSI**

** **CPR, First Aid and O₂ training will be available as part of the course.**

A visual inspection of all dive equipment will be conducted on the first day. *Equipment deemed “unsafe” or NOT in good working order, will not be allowed for use in the course.*

Questions should be directed to **Jim Cvitanovich**, OSI Diving Safety Officer, 820 South Seaside Avenue, Terminal Island, CA 90731. Cell: (310) 560-9917, SCMI: (310) 519-3172.

Email: cvitanov@csulb.edu.

SWIM TEST REQUIREMENTS

There will be a swim evaluation at the beginning of this course. This evaluation will include:

- 400 meter swim, within 12 minutes
- Tread water continuously for 10 minutes, or 2 minutes without the use of hands.
- Underwater swim for a distance of 25 meters, without surfacing
- Surface dive to 10' to recover a swimmer on the bottom, and transport on the surface 25 meters.

*****IMPORTANT:** ANYONE WHO DOES NOT 100% SUCCESSFULLY COMPLETE THE SWIM TEST ON THE FIRST DAY OF THE COURSE, WILL NOT BE PERMITTED TO CONTINUE.

APPOINTMENTS MAY BE MADE TO TAKE THE SWIM EVALUATION EARLY. This is advised for students who have any doubt as to whether they will be able to successfully complete each of the skills listed above. An early evaluation will give the student a chance to see where he/she needs improvement, and time to work on these skills before the course begins. Any student who successfully completes the swim evaluation early, will be excused from the test on the first day of the course.

REQUIRED EQUIPMENT LIST

- ___ Swimsuit and towel for swim test & pool scuba check-out
- ___ Pen, paper, etc. for taking notes
- ___ Mask, fins, snorkel
- ___ Booties
- ___ Wetsuit (6-7mm or 1/4", with hood, is recommended)
- ___ Gloves
- ___ Buoyancy Control Device
- ___ Weight system
- ___ Regulator
- ___ Tank
- ___ A second Tank is advisable and could be rented for specific days
- ___ Submersible Air-Pressure Gauge (tank pressure)
- ___ Depth Gauge
- ___ Timing Device (Dive Watch, Computer, etc.)
- ___ Dive Knife or other cutting device (e.g., scissors)
- ___ Underwater Compass
- ___ Underwater Slate
- ___ U/W "goodie" bag
- ___ Dive Log
- ___ Dive Tables (whichever you are used to using)
- ___ Gear Bag (for carrying dive gear to and from sites, and possible storage at Catalina)

Dive light

DIVING WEB PAGE: <http://www.csulb.edu/web/labs/sharklab/divingprogram/index.html>