



721 Cliff Drive
Santa Barbara, CA 93109
Phone 805-965-0581 x 2426/2992
Fax 805 560 6059

Contact: Dan Vasey
Santa Barbara City College
Phone 805-965-0581 x 2992
Fax 805-560-6059
e-mail: vasey@sbcc.edu

Santa Barbara City College
Marine Diving Technology Dept.

www.sbcc.edu/mdt

Press Release

Santa Barbara City College/Kongsberg Mesotech

Sonar Training

Marine Technology Department to Host ***Introductory Sonar Training***
June 5-7 2007 for Marine Industry

Santa Barbara City College Marine Technology Department is hosting a 3-day hands-on ***Introduction to Sonar*** training program at the College's state-of-the-art training facility June 5-7, 2007. The course will be team-taught by SBCC's Marine Technology Director/Instructor, Dan Vasey, and Kongsberg Mesotech's sonar expert, Mark Atherton. Atherton has been involved in the marine industry for 30+ years, and is among one of the most respected subsea acoustic experts in this field. Vasey has been with SBCC since 1997 and brings in-depth field knowledge of ROV and undersea survey operations to the training having worked with numerous deep sea exploratory firms.

WHY TAKE THIS PROGRAM?

This training focuses at a level of practical acoustics understanding that is critical for sonar operators, ROV pilots, SAR Dive Team members, and those employing the services of sonar contractors. There are very few truly qualified sonar operators, and having completed this program will make you more employable!

The three day class will feature:

- Principles of Underwater Imaging and Acoustics that targets practical and important acoustics theory for hands-on sonar operators
- Theory and in-water operation of echo sounders, side scan, mechanically scanned profiling/imaging sonar, and multibeam sonar systems

- Practical aspects of sonar geometry and data interpretation, "Tricks of the Trade", data logging and report presentation, marketing your sonar services, investing wisely in a sonar system, and how to utilize your sonar investment and make it profitable
- Sonar "visualization" of seabed and vertical structures including dock and bridge inspections
- Methods and the process of how to utilize sonar for underwater search and recovery, marine engineering, ROV, diving operations, and oceanographic surveys
- Using sonar for "**home land defense**"

Course Costs

1. Cost is \$400.00 for the 3-day course.
2. **Contact Dan Vasey 805-965-0581 ext. 2992** or vasey@sbcc.edu to make your reservation.
3. Apply now! Enrollment is limited.