

# Technical Diver Training



## Helitrox Diver Course

The NAUI Helitrox Diver program is an entry level course into the use of helium for narcosis elimination. The course is completed over four days, Wednesday and Thursday evenings with one pool and 4 ocean dives over a weekend. Classes start at 5 pm. Course can be taught as recreational or technical. Recreational does not include decompression techniques and is limited to a max depth of 130 feet. Technical will cover decompression with a maximum depth of 150 feet.

### This exciting program includes:

- 8 hours of classroom study in diving equipment, Diving Physics, Physiology, Dive Tables, Gases, Mixing, and Diving Safety.
  - 2 hours of pool training in the use of dive equipment and skills review.
  - 4 Ocean dives off La Jolla with a boat dive option to one of the beautiful southern Channel Islands.
- Helitrox Diver graduates will be competent in open water helium based diving activities and will receive a certification card honored around the world.

**Tuition:** \$350.00 (\$250 Recreational)

**Books:** \$25 (books and cert.)

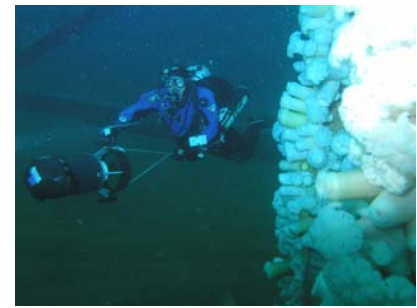
**Dive Gas:** \$80 approx (\$40 Recreational)

**Gear Configuration:** Preferred Hogarthian or "DIR" with use of backplate inflation and long primary hose (covered in class).

### Prerequisites:

- Participants must be able to swim 225 yards using any stroke non-stop, float/tread water for 10 minutes.
- Must have certification in Nitrox and have minimum of ten Nitrox dives logged.
- 18 years of age, free of any respiratory, circulatory illnesses.

Call our dive coordinator at 619-424-6547 or Technical Course Director at 858-699-1985 to sign up or E-Mail: [sharpdvr@earthlink.net](mailto:sharpdvr@earthlink.net)



## Technical Diver Series

The NAUI Technical Diver program is a mid-level continuing education course designed for Nitrox certified scuba divers wishing to continue their advanced training to include decompression skills and knowledge needed to minimize the risks of utilizing optimal breathing gas EANx mixtures of 25% through 100% oxygen and helium for dives to a depth of 150 fsw. This course is combined or separated into four courses including Technical Nitrox, Decompression Techniques, and Helitrox Diver. When combined will require ten dives in various conditions, decompression diving and helium based gases for the elimination of narcosis. \*100% oxygen is used for decompression and 26% to 50% oxygen and 17 % helium gas mixtures is used for bottom mix.

*\*Provided is an in-depth study of Reduced Gradient Bubble Model (RGBM) decompression theory and RGBM dives tables are utilized exclusively.*

**QUALIFICATIONS OF GRADUATES**  
Upon successful completion of this course, graduates are considered competent to utilize various gas mixtures of 26% through 100% (oxygen) and up to 17% (helium) based on level of course taken.

### Course consists of:

- A minimum of 6 to 10 dives in various conditions (Number of dives is based on level of course).
- Advanced Nitrox, Decompression and Helium based gases.
- Gas Blending methods and analysis.
- Technical diving procedures and techniques.
- Team building and diving protocols.
- The course is held over two to three weekends on site in San Diego with trips to area wrecks and underwater canyons.

**Tuition:** \$800.00 (for full program. Ask about separate course level pricing)

**Books/Cert:** \$55, Up to 3 awarded

**Dive Gas:** Approx \$250 for full course

\* Boat Fees not included

**Gear Configuration:** Preferred Hogarthian or "DIR" with use of backplate inflation and long primary hose (covered in class).

### Prerequisites:

- Minimum are of 18
- Certification as Master Diver and Nitrox Diver
- 100 logged dives, 20 with Nitrox
- Dan Master Insurance

## Trimix Diver Course

The NAUI Trimix Diver program provides the Technical Diver with the skill and knowledge needed to minimize the risks of utilizing helium based breathing gases for dives to a maximum depth of 200 ft (Trimix I) and 250 ft (Trimix II) requiring stage decompression and utilizing EANx mixtures and / or oxygen during decompression.

### This course consists of:

- 20 classroom hours of in-depth study of advanced diving sciences, helium-based gas mixtures and planning.
- Advanced equipment technology and gear configurations.
- High emphasis on advanced diving skills and techniques.
- Lifesaving, rescue, and contingency procedures are emphasized.
- Gas Blending methods and analysis.

**Tuition:** \$1000.00 (Trimix – I)

**Books/certification:** \$55.00

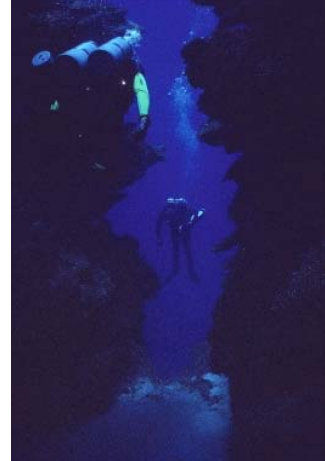
**Dive Gas:** Approx \$300

\* Boat Fees not included

**Gear Configuration:** Hogarthian or "DIR" with use of backplate inflation and long primary hose (covered in class).

### Prerequisites:

- Minimum are of 18
- Certification as Technical Diver & Helitrox
- 100 logged dives, 20 with decompression
- Dan Master Insurance



\*\* You can also join Lonnie at other tropical locations like the island of Roatan, Honduras for your technical diving experience.

DIVE COORDINATOR 424-6547	TECHNICAL COURSE DIRECTOR 858-699-1985	NAVAL BASE AQUATICS 545-2880	NORTH ISLAND AQUATICS 553-0934	NAVAL SUBBASE AQUATICS 532-8516	NMCS D AUATICS
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