

# NAUI Enriched Air Nitrox (EANx) Diver

## OVERVIEW

This course is to provide the diver with the information necessary to utilize EANx as a breathing medium. The course may be taught as a stand-alone specialty course to certified divers or the knowledge and skills training may be integrated into the NAUI Scuba Diver course.

## QUALIFICATIONS OF GRADUATES

Upon successful completion of this course, graduates are considered competent to utilize EANx in open water diving activities without direct supervision, provided the diving activities and the areas dived approximate those of training.

## SCOPE OF COURSE

- Dives shall not exceed a depth of 130 fsw (40 msw) or 1.6 atm PO<sub>2</sub>. Dives shall be planned within NDLS of the Nitrox tables. (**Maximum PO<sub>2</sub> of 1.2 is to be taught with 1.5-1.6 as contingencies.**)

## SKILL REQUIREMENTS

At least two dives are to be made using EANx, one of which is to be a repetitive dive. The student is to analyze his or her own breathing mixture and to plan and safely execute each dive.

## ACADEMIC REQUIREMENTS

The following topics are to be covered: history of nitrox as a breathing gas; Dalton's law of partial pressures; physiology of oxygen and nitrogen; depth limits, advantages, disadvantages and risks of nitrox; oxygen toxicity; hazards and precautions of handling oxygen; the concept of Equivalent Air Depth; use of EANx with Standard Air Dive Tables; common gas mixing procedures; and gas analyzing procedures.

## PREREQUISITES FOR ENTERING THE COURSE

**Age.** Minimum is 15 years. **Certification:** NAUI Scuba Diver certification or the equivalent is required unless combined with the Scuba Diver course. A screening dive may be required for candidates with limited diving experience.

This course may be combined with the WRECK and/or DEEP course(s) for a nominal additional fee.

Pricing for course does not include rental of cylinders, nitrox gas or charter fees.

For pricing see the NAUI Training Rate Sheet.