



Emergency O2 Provider

Course Instructor: Al Schumer, Northwest Diving Institute (www.nwscuba.org)

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Course Type: Emergency O2 Provider

Course Tuition: \$75.00 **Required Text:** [Emergency O2 Pack](#)

Session One

Session Type: Classroom **Session Location:** UWS Seattle

Session Date: Wednesday, April 21, 2010 **Session Time:** 9:00 PM

Specifics: This is an introductory session in which we'll complete the necessary paperwork and go over the plan for the evening. Prior to class, students must read and complete the knowledge review from the Emergency Oxygen Provider Specialty Manual. Please bring the completed knowledge review to class.

Session Two

Session Type: Classroom **Session Location:** UWS Seattle

Session Date: Wednesday, April 21, 2010 **Session Time:** After Interval

Specifics: **Knowledge Development**

We will go over this knowledge review covering the following topics:

- Uses of Emergency Oxygen*
- Diving Injuries*
- Emergency Oxygen Equipment*
- Safety Considerations When Using Oxygen*
- Maintaining Emergency Oxygen Equipment*

We'll then take a short break and move on to the Practical Skills

Session Three

Session Type: Classroom **Session Location:** UWS Seattle

Session Date: Wednesday, April 21, 2010 **Session Time:** After Interval

Specifics: **Emergency Oxygen Provider Skill One**
(Assembly and Disassembly of an Emergency Oxygen System)

- Students will demonstrate how to assemble emergency oxygen equipment safely so that it can be used on breathing and non-breathing injured divers. Students will be able to: 1) attach the multifunction regulator, 2) attach a pocket mask to the flow-meter, 3) attach a non-rebreather mask to the flow-meter, and 4) attach a demand inhalator valve to the first stage orifice.

- Students will demonstrate how to assemble emergency oxygen equipment so that two injured divers can breathe from one system.
- Students will demonstrate how to disassemble and safely store emergency oxygen equipment.

Emergency Oxygen Provider Skill Two

(Non-Rebreather Mask Use for Breathing Injured Diver)

Students will be able to demonstrate how to use a non-rebreather mask on a breathing injured diver by:

- Turning on the oxygen cylinder valve and adjusting the flow-meter on the multifunction regulator to at least 15 liters per minute.
- Filling the reservoir bag.
- Delivering the oxygen use statement and self-testing the system.
- Placing the mask on an injured diver's face/head so it is comfortable, has a proper seal, and delivers a high concentration of emergency oxygen.
- Positioning unresponsive, breathing injured divers appropriately.

We'll then take a short break and move on to Skills Three and Four.

Session Four

Session Type: Classroom **Session Location:** UWS Seattle

Session Date: Wednesday, April 21, 2010 **Session Time:** After Interval

Emergency Oxygen Provider Skill Three

(Demand Inhalator Valve Use for Breathing Injured Diver)

Specifics: Students will demonstrate how to use a demand inhalator valve on a breathing diver by:

- Turning on the oxygen cylinder valve.
- Delivering the oxygen use statement and self-testing the system.
- Placing the mask on a diver's face/head so it is comfortable, has a proper seal, and delivers a high concentration of emergency oxygen.
- Positioning unresponsive, breathing injured divers appropriately.

Emergency Oxygen Provider Skill Four

(Pocket Mask Use with Oxygen for a Non-breathing Diver)

Students will demonstrate how to use a pocket mask on a non-breathing diver

Students will demonstrate how to use a pocket mask on a non-breathing diver by:

- Connecting an emergency oxygen source to a pocket mask via the mask's supplemental oxygen inlet.
- Turning on the oxygen cylinder valve and adjusting the flow-meter on the multifunction regulator to 15 liters per minute.
- Delivering the oxygen use statement and self-testing the system.
- Opening the diver's airway.
- Placing the mask on a diver's face/head so it is comfortable, has a proper seal, and delivers a high concentration of emergency oxygen.
- Delivering mouth-to-mask rescue breathing with each breath lasting approximately one second.

Session Five

Session Type: Classroom **Session Location:** UWS Seattle

Session Date: Wednesday, April 21, 2010 **Session Time:** After Interval

Specifics: At the conclusion of Skill Four, we'll talk about the considerations for owning an oxygen delivery system and complete your certification paperwork.

Congratulations, you are now an Emergency Oxygen Provider!

Equipment Required for this Course: Pocket Mask

Equipment Recommended for this Course: DAN Insurance

NOTES:



This is an excellent for course for current and future rescue divers, and family members that dive together. Timely application of oxygen to an injured diver is the single greatest factor in determining their recovery. Sadly, less than 50% of injured divers get the oxygen they need in the first hour after their accident.

Students who subsequently take my Rescue class will receive full credit for the required oxygen components of the Rescue program. You may also wish to consider taking my Emergency First Response class and/or my CPR and AED class, which is also required for the Rescue Diver course.