

Heartland Scuba Advanced Diver Development—2010

Dates	Classes	Location
Any Time	Computer Nitrox Diver	Online & Dive Center
January 1-8	Advanced Trimix Diver	High Springs, FL
January 23	Equipment Specialist	Dive Center
February 6-14	Deep Diver Digital UW Photographer Advanced Adventure Diver Marine Ecosystems Awareness	Bonaire, Netherlands Antilles
April 23-25	Deep Diver Dry Suit Diver Wreck Diver Advanced Adventure Diver	Blue Water Lake Oronogo MO
May 14-16	Deep Diver Dry Suit Diver Intro to Tech	Blue Hole Santa Rosa NM
May 22-23	UW Navigation Advanced Buoyancy	Sandy Channel
June 12-13	UW Navigation Advanced Buoyancy	Sandy Channel
June 25-27	Deep Diver Dry Suit Diver Diver Propulsion Vehicle Advanced Adventure Diver	Bull Shoals Lake Bull Shoals AR
July 17-18	UW Navigation Advanced Buoyancy Diver Propulsion Vehicle	Sandy Channel
July 22-27	Deep Diver Wreck Diver	Isle Royale Lake Superior
August 21-22	UW Navigation Search & Recovery	Sandy Channel
September 18-19	Dry Suit Diver Advanced Buoyancy Diver Propulsion Vehicle	Sandy Channel
September 24-26	Deep Diver Dry Suit Diver Wreck Diver Advanced Adventure Diver	Blue Water Lake Oronogo MO
October 9-10	Dry Suit Diver UW Navigation	Sandy Channel
October 22-24	Deep Diver Dry Suit Diver Advanced Adventure Diver	Blue Hole Santa Rosa NM

If you want a class that isn't listed, or if the date doesn't fit, just call and we'll schedule it for you!

Advanced Buoyancy Control

While taking your Open Water Diver course, you learned the basics of how to control and use your buoyancy. Take the Advanced Buoyancy course and make diving even more effortless and truly enjoy the freedom from gravity. Some of the tricks you will learn include:

- Breath control
- Body position & trim
- Proper weighting
- Streamlining equipment
- Placement of trim weights
- Factors that affect buoyancy

Computer Nitrox Diver

The computer nitrox course is structured in an easy to understand manner by using a programmable nitrox computer. Nitrox as a breathing gas has many benefits for both the new and experienced diver. The course covers nitrox mixtures from 22% to 40%. The benefits of using nitrox include:

- Increased safety margins
- Extended no-decompression times
- Reduced post dive fatigue

Deep Diver

This course is a must for any diver wishing to explore a little more and will teach you the risks and benefits of deep diving. Many interesting sights lie just beyond 60 ft, such as beautiful walls, shipwrecks and critters that don't come into the shallows. Your two dives will cover skills like:

- Proper descents
- Effects of nitrogen narcosis
- Air management
- Dive planning

Digital Underwater Photographer

Making a dive and seeing the wonders of the underwater environment can only be topped by taking pictures of it to share with friends and family. You will experience some of the special considerations of underwater photography, with a discussion of many areas of interest to the underwater photographer. You will receive assistance in:

- Selecting a camera
- Lighting and framing the perfect shot
- Good buoyancy techniques

Diver Propulsion Vehicle Diver

For those divers wishing to go a little farther or a little faster the Diver Propulsion Vehicle course (DPV) is the perfect course. This course is also ideal for divers needing a little assistance getting through the water due to leg problems. While taking the course, you will learn about:

- Battery burn times
- Descents
- Selecting a DPV
- Ascents
- Ear equalizations
- Care & maintenance of the DPV

Dry Suit Diver

The Dry Suit Diver course will open up a whole new world of diving to you. Many of the waters around the world are better dove in a dry suit. These waters have an abundance of marine life waiting to be seen and photographed; dry suits are also being used in tropical waters during the cooler months. You will learn:

- Selection of a dry suit
- Proper weighting
- Care and maintenance
- Buoyancy control
- Emergency procedures

Search & Recovery Diver

You will learn the basics of searching for lost objects from outboard motors to jewelry. You will also learn to recover the object once it is located, including the use of lift bags and tying lines underwater to lift the object. You will cover such things as:

- Carrying, deploying, attaching lift bags
- Entanglement avoidance
- Recovering & preserving objects
- Conducting search patterns

Underwater Navigation

One of the most important skills a diver can have is good navigation, whether by compass or natural formations. This course will teach you the necessary skills to navigate using a compass and natural navigation. You will cover:

- Compass features
- Reading ocean bottom contours
- Distance estimating
- Practice skills

Wreck Diver

Wreck diving can be one of the most exciting aspects of sport diving and can uncover pieces of history seen by few others. However, every effort must be made to maximize safe diving techniques. In this course, you will use equipment and techniques commonly employed while wreck diving. This course can be a 2-dive course including "non penetration" or a 3-dive course including "limited penetration". You will learn how to plan and execute wreck dives in a fun and enjoyable way.

Advanced Adventure Diver

The Advanced Adventure Diver course will give you an overview of five selected specialties. Two of the specialties are Deep Diver and Navigation Diver, which are the foundation of continuing diver education. You can select any three other specialties that pique your interest. This course is intended to introduce you to each of the five specialties and not complete comprehension of the chosen specialty. One dive from each of the chosen specialties will apply towards a complete specialty certification.

Rescue Diver

The Rescue Diver course is designed to develop your knowledge and necessary skills to effectively perform diver rescues and assist, and administer necessary first aid. You will learn skills such as:

- How to perform self rescues and buddy rescues
- Recognize and calm potential panic divers
- Administer proper first aid to diver that have experience dive related injuries
- Conduct effective search patterns and manage accident scenes

The Rescue Diver course is a pre-requisite for Master Scuba Diver certification. It is also required prior to starting in the professional ranks—the Divemaster course.

Marine Ecosystems Awareness

As divers, we have a vested interest in protecting the marine environment. In many cases, divers do not have environmental information about their own local sites. This specialty course will increase your understanding of marine environments, the problems facing these unique ecosystems, and the role that divers can play in protecting these resources. You will cover local ecosystems as well as others around the globe.

Ice Diver

Ice diving can be serene and beautiful aspect of scuba diving. As a winter activity, ice diving offers the diver the opportunity to enjoy sport diving year round. Diving under ice presents hazards not common to the Open Water Diver and special training is required. The purpose of this course is to acquaint the diver with many of the hazards associated with ice diving and how to plan and safely execute an ice dive.