

## **5. Instructor**

### **5.1 Introduction**

The ERDI Instructor Course is designed to train current open water instructors with public safety diver experience, current open water instructors teaching independent public safety diver specialties and other public safety diver instructors. The program is divided into 2 sections, an instructor development course (IDC) and an instructor evaluation course (IEC).

### **5.2 Student Prerequisites**

1. Minimum age 18
2. Have a current medical examination for diving
3. Be certified as ERDI Dry Suit Ops and ERDI Full Face Mask Ops or equivalent
4. Be certified as a SDI Instructor or equivalent
5. Must have logged at least 100 dives, of which 75 need to be public safety dives, combined operational and training, as a member of a recognized public safety dive team
6. Current CPR, first aid and oxygen administration certification

### **5.3 Qualifications of Graduates**

Upon successful completion of this course, graduates may teach:

1. ERDI Tender
2. ERD I
3. ERD II
4. ERDI Supervisor courses

### **5.4 Who May Teach**

Any active ERDI Instructor Trainer may teach this ERDI Instructor Course

## 5.5 Administrative Requirements

Have the students:

- a. Complete the *ERDI Liability Release and Express Assumption of Risk* Form
  - b. Submit the *ERDI Medical Statement* Form signed by a licensed physician
5. Communicate the schedule of the course to the students
  6. Ensure that the students have the required equipment

**Upon successful completion of the course the instructor trainer must:**

1. Complete and submit the appropriate leadership registration form to ERDI Headquarters

**The following materials are required for the ERD Instructor course:**

1. *ERDI Diver I Operations* Manual
2. *ERDI Standards and Procedures* Manual
3. *ERDI Instructor* Guides
4. *National Fire Protection Association (NFPA) Standards 1006, 1561, 1670 -*

**Note:** These items may be found online at [www.nfpa.org](http://www.nfpa.org).

## 5.6 Student to Instructor Ratio

### Academic

1. Unlimited, so long as adequate facility, supplies and time are provided to ensure comprehensive and complete training of subject matter

### Confined Water

1. A maximum of 8 students per ERDI Instructor Trainer

### Open Water

1. A maximum of 8 students per ERDI Instructor Trainer are allowed; it is the instructor trainer's discretion to reduce this number as conditions dictate

## 5.7 Course Structure and Duration

### IDC Execution

Candidate must be able to perform all skills required, to instructor level quality, for:

1. ERD I
2. ERD II
3. ERDI Supervisor

**The ERDI Instructor candidate has 6 months from the completion of the IDC to attend an IEC**

### IEC Execution

1. Provide the ERDI Instructor application to the evaluating instructor trainer prior to completion of the course

### Duration

1. ERDI IDC: Approximately 30 hours
2. ERDI IEC: Approximately 6 hours

## 5.8 Required Equipment

Same equipment as required of an ERD I diver

## 5.9 Required Subject Areas

1. History of ERDI
2. ERDI Standards and Procedures
  - a. Review of academic outline
3. Products and Procedures
  - a. How to place an order
  - b. Yearly renewals
  - c. Liability and insurance
4. Risk Management
  - a. Waivers and releases
  - b. Filling out an accident report
5. Review of Teaching Methods
6. Review of Emergency Response Diving Skills
7. Public Safety Diving Accidents Review and Analysis
8. Risk-benefit Analysis
9. Anatomy of a Public Safety Diving Accident
  - a. The panic circle as a factor in accidents
  - b. Training for panic prevention
  - c. Common accident types
  - d. Proper intervention

10. Occupational Safety and Health Administration (OSHA) Regulations
11. National Fire Protection Association (NFPA) Standards
  - a. NFPA 1006
  - b. NFPA 1561
  - c. NFPA 1670

## 5.10 Required Skill Performance

### IDC

1. ERDI Instructor candidates will need to complete:
  - a. 800 metre mask, snorkel and fins swim non-stop. Use of arms is not permitted in less than 16 minutes
  - b. 500 metre distance swim, nonstop, without the use of swim aids in less than 14 minutes
  - c. 100 metre approach to a fully suited diver followed by a 100 metre diver tow in less than 4 minutes
  - d. Survival-float, without aids, for 15 minutes. During the last 2 minutes the student will keep their hands above the waterline
2. Demonstrate the ability to conduct an underwater search in black water or simulated black water using a tether line
3. Demonstrate the ability to effectively tend a diver
4. Demonstrate the ability to supervise the proper rigging and lifting, with lift bags, of a body sized object so that proper ascent rate is maintained, entanglements minimized and a free fall area maintained below the object
5. Demonstrate the ability to successfully complete a rescue of an inert diver from a depth of no more than 6 metres / 20 feet in black water or simulated black water to include locating the diver using a tether, ascending with the diver maintaining an open airway and towing the diver 100 metres / 330 feet in less than 4 minutes
6. Demonstrate the ability to safely approach and provide assistance to a panicked diver on the surface

### IEC

ERDI Instructor candidates will successfully complete the following:

1. One classroom presentation
2. One confined water presentation
3. One open water presentation
4. The ERDI Instructor examination

The evaluating instructor trainer must verify all required subjects were covered and skills were performed