4. Scubility Scuba Discovery Program

4.1 Introduction

This program is designed to give the physically disabled prospective student an introduction to scuba diving in a controlled environment under the direct supervision of an active and insured Instructor.

4.2 Qualifications of Graduates

Upon successful completion of this course, graduates may:

1. Dive under the direct supervision of an active SDI Scubility Instructor
2. Enroll in an SDI Scubility Open Water Scuba Diver Course

4.3 Who May Teach

1. An active SDI Scubility Instructor

4.4 Student to Instructor Ratio

Academic

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

Confined Water (swimming pool-like conditions)

1. A maximum of 2 students per instructor
2. Instructors have the option of adding 1 more student with the assistance of an active SDI Scubility trained Divemaster or Assistant Instructor
3. The total number of students an instructor may have in the water is 4 with the assistance of 2 SDI Scubility trained Divemasters or Assistant Instructors

Open Water (ocean, lake, quarry, spring, river or estuary)

1. A maximum of 2 students per instructor are allowed
2. Instructors have the option of adding 1 more student with the assistance of an active SDI Scubility trained Divemaster or Assistant Instructor
3. The total number of students an instructor may have in the water is 4 with the assistance of 2 SDI Scubility trained Divemasters Assistant Instructors

4.5 Student Prerequisites

1. Minimum age 18, 10 with parental consent
2. Demonstrate comfort and adequate swimming skills

4.6 Course Structure and Duration

Open or Confined Water

1. Training depth must not exceed 6 metres / 18 feet
2. One dive required, second dive optional
3. All dives must be completed during daylight hours
4. Instructors are not allowed to carry any photo or video equipment while conducting any confined water or open water dive. If video or photos are to be taken during the exercise, an additional individual must be used for this function.

Course Structure

1. SDI allows instructors to structure courses according to the number of students participating and their skill level

Duration

1. The suggested number of training hours is 2

4.7 Administrative Requirements

Administrative Tasks

1. Collect the course fees from all the students
2. Ensure that the students have the required equipment
3. Communicate the schedule to the students
4. Have the students complete the:
    a. SDI Scuba Discovery Pamphlet

OR

    a. *SDI Liability Release and Express Assumption of Risk* Form
    b. *SDI Medical Statement* Form

Upon successful completion of the course the instructor may:

1. Issue an SDI Experience card; optional

4.8 Required Equipment

Basic open water scuba equipment as described earlier in section 2 of this manual. The exception to this is that a dive computer is not required, however it is highly recommended.

4.9 Required Subject Areas

Instructors may use any additional text or materials that they feel help present these topics. The following topics must be covered during this course:

1. The Aquatic Environment
    a. Marine environment
    b. Marine life expected to encounter at local dive site
2. Physics and Physiology
    a. Buoyancy
    b. Pressure
    c. Gas spaces
        i. Equalization Techniques
        ii. Lung Over-Expansion Problem
3. Scuba Equipment Assembly
    a. Mask, fins and snorkel
    b. Exposure protection
        i. Wetsuits
    c. Buoyancy compensator device
    d. Regulator
        i. Primary regulator
        ii. Alternate air source
    e. Cylinders
    f. Weight systems / Weight placement
    g. Underwater instruments
        i. Submersible pressure gauge (SPG)
        ii. Dive computers
        iii. Depth gauges
4. Underwater Communications.

4.10 Required Skill Performance and Graduation Requirements

Students are required to successfully complete the following skills in confined water:

1. Weight system adjustment with proper weighting
2. Pre-dive check of self and buddy
3. Mask clearing; partial and full at depth
4. Buoyancy compensator device (BCD) use:
    a. Inflation and deflation (auto inflation) at the surface
    b. Inflation and deflation (auto inflation) at depth
5. Buoyancy control
    a. Controlled ascents
    b. Controlled descents
6. Regulator use
    a. Breathing, clearing, and recovery at the surface
    b. Breathing, clearing, and recovery at depth
7. Underwater swimming; proper use of fins or webbed gloves
8. Computer (PDC) and gauges use; reading and understanding data
9. Underwater communications

In order to complete this course, students must:

1. Demonstrate mature and sound judgment concerning dive planning and execution