

Course discipline/number/title: PHED 1144: Introduction to Scuba

A. CATALOG DESCRIPTION

1. Credits: 1
2. Hours/Week: 2
3. Prerequisites (Course discipline/number): None
4. MnTC Goals (if any): NA

This course includes the basics of safe diving taught through academic training and confined and open water diving sessions. The course is delivered through both lecture and pool practice sessions. Open water dives will be held at an area lake. Recommended Entry Level Skill: Students should be comfortable being in the water, be able to swim 200 yards nonstop and be able to comfortably tread water for 10 minutes. Successful completion of all of the elements of the course earns the PADI (Professional Association of Dive Instructors) Open Water certification.

B. DATE LAST REVISED (Month, year): November, 2017

C. OUTLINE OF MAJOR CONTENT AREAS:

The course is divided into five modules, derived from the PADI Open Water Diver Manual:

1. Overview, buoyancy, comfortable ascent and descent, breathing under water
2. Staying warm, streamlining yourself, diving together
3. Orientation of dive area, care for yourself and others, solution thinking under water, offshore adventures
4. Nitrogen narcosis, decompression sickness, dive tables, using the recreational dive planner
5. Making safety stops, emergency decompression, altitude consideration for divers, finding a minimum surface interval, electronic dive planning

D. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Demonstrate specific skills related to each module.
2. Safely and competently perform confined dives and open water dives.
3. Diagnose potential safety issues and apply problem solving strategies related to specific dive skills, techniques and emergency situations.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:

Methods may include but are not limited to:

1. Participation
2. Practical Skill Testing
3. Written Assignments
4. Quizzes and Exams

G. RCTC CORE OUTCOME(S) ADDRESSED:

Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.

H. SPECIAL INFORMATION (if any): None