



# Micro credential- Drysuit

## Version July 2022

### **1.1 Introduction**

This course allows the student to develop knowledge and skills to properly use a dry suit. It will discuss the types of dry suits, accessories, maintenance and diving techniques.

### **1.2 Who may Teach**

An active Instructor that has been trained to teach this specialty.

### **1.3 Student to Instructor Ratio**

#### **1.3.1 Academic**

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

#### **1.3.2 Confined Water**

A maximum of 6 students per active instructor

#### **1.3.3 Open Water**

A maximum of 4 students per instructor; it is the instructor's discretion to reduce this number as conditions dictate.

The total number of students an instructor may have in the water is 8 with the assistance of 2 active assistant instructors or divemasters.

### **1.4 Student Prerequisites**

Scientific Diver certification and current valid medical clearance.

### **1.5 Course Structure and Duration**

#### **1.5.1 Academic Execution**

Theory and classroom work

#### **1.5.2 Open water execution**

Two dives are required with complete briefs and debriefs by the instructor. In-water skills to be undertaken during dives.

### **1.6 Administrative Requirements**

Ensure that the students have the required equipment. Medical clearance, and complete the necessary performance requirements. Communicate the schedule to the students.



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### 1.7 Training Material and Equipment

As required to complete the theory and practical requirements

### 1.8 Course Content

As required by the institution to meet the performance criteria.

### 1.9 Elements of Competency and Performance Criteria

#### 1.9.1 Theory and Knowledge Review

Element of Competency	Performance Requirement
Drysuit types and features	<ul style="list-style-type: none"> <li>a) Describe the main types of drysuit and the characteristics of each type</li> <li>b) Describe the thermal protection offered by the main types of drysuit</li> <li>c) Describe the function of drysuit valves and how to use them during diving</li> </ul>
Drysuit maintenance	<ul style="list-style-type: none"> <li>a) Detail how to maintain and store drysuits</li> <li>b) Describe how to maintain drysuit seals and zips</li> <li>c) Explain how to repair the various types of drysuit</li> </ul>
Drysuit use	<ul style="list-style-type: none"> <li>a) Explain the effects of depth on buoyancy while drysuit diving</li> <li>b) Describe three potential hazards associated with drysuit diving</li> </ul>

#### 1.9.2 Practical Evaluation

Element of Competency	Performance Requirement
Drysuit Buoyancy	<ul style="list-style-type: none"> <li>a) Demonstrate stable buoyancy while using a drysuit</li> <li>b) Maintain control while changing depths</li> <li>c) Use valves to add and vent air from the drysuit while submerged</li> </ul>
Emergency Procedures	<ul style="list-style-type: none"> <li>a) Perform a roll from an inverted position</li> <li>b) Disconnect the inflator hose in a emergency situation</li> </ul>

### 2.0 Drysuit Diver Authorisation



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Once a diver has completed all the requirements in section 1.9 they may be authorised by their institution to engage in drysuit diving, as approved by the DCB through the DSO. Submission of documents and participation in aptitude examinations does not automatically result in certification. To be certified, the applicant must demonstrate to the DCB, through the DSO, that they are sufficiently skilled and proficient, and possess the necessary judgement for their safety and/or that of the dive team. Drysuit Diver Authorisation is only active when required certifications are in place and current.