

## DIVEMASTER COURSE INFORMATION

### Certification Requirements

- Performance requirements plus
  - Complete Knowledge Development segments and pass Divemaster Final Exam
  - Create an Emergency Assistance Plan for a designated dive site
  - Complete waterskills exercises
  - Complete a Rescue Diver assessment
  - Complete dive skills workshop and assessment
  - Complete Divemaster-conducted programs workshops
  - Complete practical assessments
  - Meet the professionalism criteria
- At the time of certification have:
  - Logged at least 60 scuba dives including experience in night, deep and navigation dives
  - Completed EFR or other First Aid training within 24 mnths
  - Medical evaluation and clearance within 12 months

**Waterskills Development** – Complete 5 exercises earning a combined score of at least **15**

Exercise 1 – 400 metre/yard swim

<b>400 metre time</b>	<b>Points</b>	<b>400 yard time</b>
Under 6:30 min.	5	Under 6 min
6:30 to 8:40 min	4	6 to 8 min.
8:40 to 11 min.	3	8 to 10 min.
11 to 13 min.	2	10 to 12 min.
More than 13 min.	1	More than 12 min.
Stopped	0	Stopped

Exercise 2 – 15 minute tread

Tread water, drown-proff, bob or float using not aids and wearing only a swimsuit for 15 minutes with hands (not arms) out of the water during the last 2 minutes

<b>Criteria</b>	<b>Points</b>
Performed satisfactorily	5
Stayed afloat, but hands not out of the water the entire 2 minutes	3
Used side/bottom for momentary support no more than twice	1
Used side/bottom for support more than twice	Incomplete

Exercise 3 – 800 metre/yard swim

Swim 800 metres/yards face down using mask, snorkel and fins non-stop without flotation aids and without using arms to swim.

<b>800 metre time</b>	<b>Points</b>	<b>800 yard time</b>
Under 14 min.	5	Under 13 min.
14 to 16:30 min.	4	13 to 15 min.
16:30 to 18:30 min.	3	15 to 17 min.
18:30 to 21 min.	2	17 to 19 min.
More than 21 min.	1	More than 19 min.
Stopped	Incomplete	Stopped

Exercise 4 – 100 metre/yard inert diver tow

Tow or push a diver for 100 metres/yards nonstop at the surface without assistance – both divers equipped in full scuba equipment.

<b>100 metre time</b>	<b>Points</b>	<b>100 yard time</b>
Under 2:10 min.	5	Under 2 min.
2:10 to 3:15 min.	4	2 to 3 min.
3:15 to 4:20 min.	3	3 to 4 min.
4:20 to 5:30 min.	2	4 to 5 min.
More than 5:30 min.	1	More than 5 min.
Stopped	Incomplete	Stopped

Exercise 5 – Equipment exchange

In confined water demonstrate the ability to effectively respond to an unusual circumstance underwater by exchanging all scuba equipment except exposure suits and weights with a buddy while wearing a single regulator second stage.

<b>Criteria</b>	<b>Score</b>
Task performed well throughout, efficient and purposeful manner with no sign of problems; very low anxiety	5
Task performed competently with a relatively low anxiety level. Challenges encountered were easily and efficiently handled.	4

Complete exchange occurred without surfacing. However, numerous challenges were encountered that delayed the speed and efficiency of the performance. The score is also appropriate for a diver overly dependent on another	3
Significant problem demonstrated and exchange completed only after one or both team members surfaced once.	2
Inability to complete the exchange or exchange completed with one or both divers surfacing more than once.	1

### Diver Rescue

- Respond to an unresponsive, non-breathing diver, including these steps:
  - Enter the water, locate and surface a diver who is about 25 metres away.
  - Turn the diver face up and establish buoyancy.
  - Remove the diver's mask and regulator, open airway and check for breathing.
  - Call for help.
  - Give 2 initial rescue breaths and continue with an effective rescue breathing every five seconds with no or very few interruptions.
  - Tow the diver to safety while protecting the airway, continuing rescue breathing.
  - Remove both sets of equipment.
  - Exit the water with the diver (assistance allowed when the environment makes it necessary).

### Dive Skills Workshop

Demonstrate all scuba and skin diving skills, scoring at least a 3 on each skill, and scoring at least 82 points total with at least one underwater skill of a 5.

Criteria	Score
Exercise performed correctly, slowly and with exaggerated movement – appeared easy	5
Exercise performed correctly and slowly enough to adequately exhibit or illustrate details of skill	4
Exercise performed correctly, though too quickly to adequately exhibit or illustrate details of skills	3
Exercise performed with significant difficulty or error	2

Candidate unable to perform exercise	1
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Dive Skills:

- Equipment assembly, adjustment, preparation, donning and disassembly
- Pre-dive safety check (BWRAF)
- Deep water entry
- Buoyancy check at the surface
- Snorkel-regulator and regulator-snorkel exchange
- Five point descent
- Regulator recovery and clearing
- Mask removal, replacement and clearing
- Air depletion exercise and alternate air source use (stationary)
- Alternate air source ascent
- Free flowing regulator breathing
- Neutral buoyancy
- Five point ascent
- Controlled emergency swimming ascent
- Hover motionless for 30 seconds
- Underwater swim without a mask
- Remove and replace weight system underwater
- Remove and replace scuba unit underwater
- Remove and replace scuba unit on the surface
- Remove and replace weight system on the surface
- Vertical, head first skin dive
- Swim at 15 metres/50 feet underwater on a single breath while skin diving
- Snorkel clear using blast method after ascending from a skin dive
- Snorkel clear using displacement method after ascending from a skin dive

## Practical Skills

- Skill 1 – Dive Site Setup and Management
- Skill 2 – Mapping Project
- Skill 3 – Dive Briefing
- Skill 4 – Search and Recovery Scenario
- Skill 5 – Deep Dive Scenario

## Divemaster-Conducted Programs Workshop

- Workshop 1 – Scuba Review in Confined Water
- Workshop 2 – Skin Diver Course and Snorkeling Supervision
- Workshop 3 – Discover Scuba Diving Program in Confined Water
- Workshop 4 – Discover Scuba Diver Program – Additional Open Water dive
- Workshop # 5 – Discover Local Diving in Open Water

## Practical Assessment

Candidates work with student divers during Practical Assessments 1 to 3 with certified divers during Practical Assessment 4. Assessments are repeated as necessary until candidates score at least a 3 on each performance requirement.

Criteria	Points
Independently accomplished the objective without error. Anticipated Instructor and diver needs.	5
Accomplished objective without error and without significant help from Instructor or staff.	4
Accomplished objective adequately with a few insignificant errors. Instructor intervention and correction limited to brief reminders or suggestions.	3
Demonstrated rudimentary understanding of tasks required to meet objective. Made significant errors or omissions. Instructor correction and intervention required for a competent result.	2
Made many or substantial errors and omissions in attempting to meet objectives or objectives were not met.	1

- Practical Assessment 1 – Open Water Diver Students in Confined Water

- Practical Assessment 2 – Open Water Diver Students in Open Water
- Practical Assessment 3 – Continuing Education Student Divers in Open Water
- Practical Assessment 4 – Certified Divers in Open Water

### **Professionalism**

Candidates must score at least 3 in each of the categories below by the end of the Practical Application:

- Active and positive participation in training sessions.
- Ability to serve as a mentor to student divers.
- Willingness to follow directions.
- Positive attitude and demeanor toward student divers, certified divers and staff.
- Positive attitude and practice towards caring for the environment.
- General understanding of a Divemaster's role.
- Appearance.

<b>Criteria</b>	<b>Points</b>
Excellent	5
Above average	4
Acceptable	3
Below average	2
Unacceptable	1

## **KNOWLEDGE DEVELOPMENT**

### Section 1 – Role and characteristics of a Divemaster

- Role
- Responsibilities
- Expertise

### Section 2 – Supervising Diving Activities

- Dive planning

- Diver behaviour
- Dive supervision
- Dive briefings
- Problem management

### Section 3 – Assisting with Student Divers

- Assistant's role
- Control, supervision and logistics
- Demonstrating skills
- Problem solving

### Section 4 – Diver Safety and Risk Management

- Definition
- Risk management techniques
- Risk management tools
- Quality management

### Section 5 – Divermaster-Conducted Programs

- Guidelines
- Scuba Review
- Discover Local Diving
- Skin Diver course
- Discover Scuba Diving
- Specialities

### Section 6 – Specialized Skills and Activities

- Floats marker buoys and signalling devices
- Mapping
- Deep diving
- Dive activities

### Section 7 – Business of Diving and Your Career

- Dive business focus
- Four E's

- Career focus
- Reasons to continue
- PADI membership

#### Section 8 – Awareness of the Dive Environment

- Why care?
- Aquatic world
- Aquatic world – biological
- Aquatic world – physical
- Project AWARE

#### Section 9 – Dive Theory Review

- The need for theoretical knowledge
- Heat, light, sound and water
- Relationship of pressure, gas volume, density and temperature
- Buoyancy
- Gases underwater
- Circulatory and respiratory systems
- Responses to nitrogen and inert gas
- Responses to thermal change
- Responses to pressure changes on body air spaces
- Scuba cylinders
- Scuba regulators
- Dive computers and gauges
- Decompression theory
- RDP use