

9.10 CMAS-ISA Two Star Instructor Training Course

9.10.1 Introduction

The CMAS-ISA Two Star Instructor course is designed to train and qualify approved candidates to CMAS Two Star Instructor level. These instructors may teach all levels of scuba diving as well as specialities (subject to 9.10.2.2) and issue CMAS-ISA certification. In-date Two Star Instructors are voting members of CMAS-ISA.

This course is designed to ensure that candidates who receive certification as CMAS-ISA Two Star Instructors, have the knowledge, skills and proper attitude to be able to promote and encourage the education and training of the general public in the principles and techniques of safely participating in underwater scuba activities.

9.10.2 Instructor Qualifications

1. An in-date Two Star CMAS-ISA Instructor may independently teach CMAS-ISA sanctioned entry level Snorkel Diving and Scuba Diving courses up to Two Star level. Dive Master and Three Star may only be presented after certifying at least a combination of 25 One Star and Two Star divers.
2. An in-date CMAS-ISA Two Star Instructor may independently teach all the CMAS-ISA speciality courses, if he/she:
 - Is in possession of the appropriate speciality qualification.
 - Have certified a combination of at least 25 One Star and Two Star divers.
 - Have applied and been approved as an Instructor for the applicable speciality.

9.10.3 Who May Teach

A CMAS-ISA Two Star Instructor course may be conducted by an in-date and in good standing with CMAS-ISA, Three Star Instructor (Course Director). Authorisation to convene a CMAS-ISA Two Star Instructor course must be obtained from the Executive Council via the CMAS-ISA Office before the course commences.

9.10.4 Prerequisites for entering the course.

Candidates for the Two Star Instructor Course must:

1. Be at least 18 years old
2. Must be in possession of a medical certificate clearing the holder as fit to participate in the sport of underwater diving. A medical practitioner using the CMAS-ISA Sport Diver medical examination form must have carried out the medical examination within the preceding 12 months.
3. Be in possession of a indate CMAS-ISA Dive Master Certification (or a in-date Dive Master qualification from a recognised Diver Training Organisation with a CMAS Three Star Certification, if not in possession of a CMAS Three Star, the certification must first be obtained before acceptance on the Instructor course)
4. Have 100-logged open water dives with at least 50 hours of bottom time.
5. Provide own diving equipment suitable for open water and own the following materials: CMAS-ISA Diving Instructors Handbook, CMAS-ISA MAC Manual and CMAS-ISA Instructor Crew Pack.
6. Have current certification in First Aid, CPR and Diving Rescue Techniques.
7. Have certification as Oxygen Provider
8. Preferably have a Nitrox Certification

Revision No. 2	Section 9.10	MAC Manual	Date: March 2009
----------------	--------------	------------	------------------

9.10.5 Required Minimum Course Standards

1. Classroom hours – 75 hour estimated
2. In water hours – 15 hours required
3. Open water hours – of the minimum of 24 in-water hours, a minimum of 16 are to be in open water, and the open water activity is to be spread over a minimum of three days.

9.10.6. Skill Performance Objectives

CMAS-ISA Instructor candidates are to demonstrate satisfactory knowledge, skills, fitness and attitude to teach snorkel and skuba diving. All activities to evaluate these abilities are to be performed under the supervision of the Course Director. Evaluated activities also serve to train the candidate in CMAS-ISA instructional techniques. The following skill requirements must be satisfactorily accomplished by the completion of the Instructor Training Course for the candidates to qualify for CMAS-ISA Instructor Status. The following practice and skill -development water activities are to be constructively critiques by the Staff and a written evaluation of each provided to the student and placed in the student's record.

1. Practice chain teaching, confined and open water, snorkel and scuba.
2. Practice open water problem solving.
3. Snorkel Diving Ditch and Recovery –
To be performed wearing at least a wet suit, a weight belt adjusted for proper buoyancy, mask, fins, snorkel and a BC, confined water is recommended. Dive to the bottom in 3 to 5 meters of water, remove and replace on bottom, mask, fins and snorkel, surface and rest for one minute, dive and recover all gear on one breath, All equipment is to be in place with mask and snorkel clear of water upon surfacing.
4. General Scuba Diving Skills – Wearing scuba unit in addition to minimum snorkel diving gear, confined water.
Ditch and recovery – Descend to the bottom in 3 to 5 meters of water, remove and place on bottom mask, snorkel and scuba gear, shut off air, swim 10 meters horizontally and recover the equipment, ascend breathing normally. The exercise is to be completed with all equipment in place within 7 minutes.
5. Bailout – Enter water 3 to 5 meters deep carrying mask, snorkel, fins, weight belt and scuba gear (air shutoff and regulator purged) Settle to the bottom, assume a stationary location and don equipment. Throughout remain control and possession of all gear. After donning all gear, surface normally and treat water at the surface for 5 minutes without using BC, snorkel or scuba.
6. Scuba Dive Evaluation – Wearing all gear appropriate for the area, perform as a diver in open water during skill evaluation dive. Accomplish the following during the dive.
Entries and exits
Make buoyancy check on entry, control buoyancy thereafter.
Swim 800 meters non-stop on the surface. (time not to exceed 35 minutes)
Remove and replace weight belt and scuba gear on surface.
Clear mask and regulator underwater.

Revision No. 2	Section 9.10	MAC Manual	Date: March 2009
----------------	--------------	------------	------------------

Buddy breath without alternative breathing source as donor and receiver of air while stationary on the bottom in 6 to 10 meters of water.
 Share air with octopus or alternate breathing source while moving horizontally on the bottom for a distance of approximately 10 meters.
 Make an emergency swimming ascent from 6 to 10 meters of water, use CMAS-ISA technique only.
 Tow another scuba diver 100 meters on surface, with neither tower nor victim breathing on scuba.

9.10.6.1 The minimum evaluated activities include:

1. Twelve graded classroom oral presentations consisting of:
 - 1.1 Six classroom teaching presentation
 - 1.2 Four shall relate to entry level diver topics.
 - 1.3 One shall relate to a speciality diver topic.
 - 1.4 One shall relate to a Dive Master level diver topic
2. Three graded confined water teaching presentations, with briefing and de-briefing
3. Three graded open water teaching presentations, with briefing and de-briefing
4. One graded snorkel diving skills exercise
5. Two graded snorkel diving rescue exercises
6. One graded scuba diving skills exercise
7. One graded scuba diving rescue exercise
8. One graded scuba diving problem exercise.
9. Written examinations

9.10.6.2 Required Curriculum Subject Areas

1. Course Introduction and Orientation
2. Learning Theory, Lesson Preparation and Training Aids
3. Establish Student Learning Objectives.
4. Staff Demonstrations, Teaching Presentations – Classroom, Pool or Confined Water and Open Water.
5. Candidates Oral Presentations.
6. Pool and Confined Water Teaching Techniques, methods and evaluation criteria.
7. Open Water Teaching Techniques, preparation, methods and evaluation criteria.
8. General: Organising and scheduling of a course, skill problem solving and how to conduct briefings and de-briefings.
9. First Aid, CPR Review, Emergency Procedures and Diver Rescue Techniques.
10. Open Water Qualifying Dive.
11. Open Water Problem Solving.
12. Written Examination.
13. Diving Instruction Business
 - 13.1 Fundamentals of marketing
 - 13.2 Prospecting and recruiting students.
 - 13.3 Budgeting courses.
 - 13.4 Legal aspects of diving instruction.
 - 13.5 Instruction ethics.

Revision No. 2	Section 9.10	MAC Manual	Date: March 2009
----------------	--------------	------------	------------------

- 13.6 Fundamentals of retailing.
- 14 CMAS
- 14.1 Introduction to CMAS.
- 14.2 CMAS programs, standards and statuses.
- 14.3 CMAS products and services.
- 14.4 CMAS Procedures.
- 14.5 Teaching CMAS continuing education and leadership courses.
- 15 General
- 15.1 Course orientation.
- 15.2 Exams and exam reviews.
- 15.3 Course critique
- 15.4 Review Board

9.10.7 Certification

The Course Director assisted by a CMAS Three Star Instructor Trainer if possible will conduct the final evaluation, examination and certification. The Examiners will supply the oral and skill topics to the Candidates the day the final evaluation and the exam paper before commencement of the exam.

1. The Course Director must oversee the written examination.
2. The following pass criteria is applicable:
 - Oral presentation (lecture) (At least 7.5 / 10)
 - Open water skill presentation (At least 7.5 / 10)
 - Confined water skill presentation (At least 7.5 / 10)
3. Failing any of the above – a redo is allowed.
Topic will be will be supplied by the Examiner.
 - Failing the redo – Candidate to redo the course.
4. Written examination:
 - **Section 1 - Open book**, short questions, on the MAC Manual, teaching skills, training aids and training techniques. Time allowed – two hours.
 - Pass mark 90%. Failing this section, the Candidate to redo the course
 - **Section 2 – closed book**, on decompression and dive tables, physics, equipment, physiology, medical aspects and environment. Time allowed two hours.
 - Pass mark 90% on each section. Failing one section, Candidates can rewrite immediately. If the Candidate fails two sections, the Candidate then has to rewrite all sections after a cooling period of one month. If the Candidate fails three sections, then the Candidate has to redo the course.
5. Upon satisfactory completion of the CMAS-ISA Instructor Training Course, individuals qualified as CMAS-ISA Instructors are to be registered with CMAS-ISA according to the procedures contained in the Current MAC Manual.

9.10.8 General

There will be no correspondence between CMAS-ISA and a candidate who fail the course. If there is any dispute, it is a matter between the Course Director and the Candidate, as CMAS-ISA will support the decision of the Course Director.

Revision No. 2	Section 9.10	MAC Manual	Date: March 2009
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