

Oxygen Administration Award

AIM	<p>To teach the administration of oxygen as a means of increasing the effectiveness of First Aid treatment of diving accidents.</p> <p><i>It is implicit in this definition that the treatment takes place on the surface, either in a boat or on dry land. There is no question of administering oxygen to a submerged diver.</i></p>
DURATION	<p>One day.</p>
ENTRY GRADE	<p>BSAC Ocean (Club) Diver. This course may also be open to others, such as charter boat skippers, at the discretion of the BSAC Rescue Skills Chief Examiner.</p>
INSTRUCTORS	<p>Instructors must be BSAC NQIs (can be CI or TI) who have previously attended the BSAC Oxygen Administration Course.</p> <p>Ratio – One instructor for every six students.</p>
FACILITIES	<p>A Suitable classroom for theory lessons, and with enough space to spread resuscitation manikins and oxygen equipment for practical lessons.</p> <p>The practical lessons will require students to work in pairs. The following equipment will be required for each pair:</p> <ul style="list-style-type: none">• A resuscitation manikin.• A complete set of oxygen equipment. <p>The oxygen equipment must conform to the following specification:</p> <ul style="list-style-type: none">• Standard oxygen cylinders, size 'D' or 'E'.• Oxygen regulator incorporating a contents gauge and providing at least one outlet capable of supporting a demand mask and an outlet capable of delivering a constant flow of 10 litres/minute.• Demand mask unit comprising hose, demand valve and facepiece.• Pocket mask, incorporating an oxygen connection elbow, and a suitable hose for the delivery of a constant flow of 10 litres/minute of oxygen.
APPROVAL	<p>Course Registration Procedure applies. A BSAC Oxygen Administration Award Course Student Notes pack must be supplied to each student.</p>
QUALIFICATION	<p>This course concludes with a practical and a theory assessment. Only those who pass these assessments will receive the certificate for Qualification Records. Theory assessment papers, and other course report materials, will be supplied to those registered to run the course.</p> <p>Instructors may sign up lessons DT2 - 7 of Dive Leader course in members' Qualification Record.</p>

SYLLABUS

Instructor briefing

Assemble, Introductions, Administration

		Introduction: Aim of the Course	15 minutes
1	Practical Lesson	Revision of CPR <ul style="list-style-type: none">• Solo rescuer• Two rescuers	45 minutes
2	Practical Lesson	Use of Pocket Mask	15 minutes
3	Classroom Lesson	Oxygen and Diving Accidents Conditions and symptoms, and how they benefit from oxygen: <ul style="list-style-type: none">• Burst Lung• Decompression illness• Near drowning• Shock• Carbon monoxide poisoning	50 minutes
4	Classroom Lesson	Casualty Examination	45 minutes
5	Practical Lesson	Oxygen Administration Equipment	40 minutes
	Break		
6	Classroom Lesson	Oxygen Administration in Practice	30 minutes
7	Practical Lesson	Use of Oxygen Equipment <ul style="list-style-type: none">• Assembly• Administering to a breathing casualty• Administering to a non-breathing subject with/without cardiac arrest	60 minutes
		Positive Pressure Ventilation (if available)	15 minutes
8	Assessment	Assessment Assessment of students' theory knowledge and practical ability in oxygen administration	60 minutes
9	Classroom Lesson	Open Forum <ul style="list-style-type: none">• Course debriefing• Disperse	15 minutes

Instructor debriefing

NOTES

The order in which the syllabus is listed represents the recommended sequence for the course.

BSAC HQ will supply comprehensive instructions and assessment papers to course chief instructors.

Instructor Notes can also be provided if required.

Instructor Notes and visual aids are available from the Instructor Resource Centre:

<http://www.bsac.org/techserv/irc/sdcnotes.htm>

The BSAC can provide resuscitation manikins and oxygen administration equipment for approved courses run by the BSAC Coaching Scheme. This equipment is not normally available to other parties.