Course and Joining Information

for
Certificate of Proficiency in Further Offshore Emergency Training with Compressed Air Emergency Breathing System (CA-EBS) and Escape Chute Training

1 Day

Please Note: This course is run at the Warsash Campus (SO31 9ZL).
Further Offshore Emergency Training with Compressed Air Emergency Breathing System (CA-EBS) and Escape Chute Training

Welcome to Warsash School of Maritime Science and Engineering. We hope you enjoy the course and find it both interesting and informative.

Enclosed within this document you will find all the information you will need to complete your course successfully. If you should have any questions please contact the Enrolment & Admissions Team in the first instance whose details you will find overleaf.

Please read all parts of this document thoroughly.

This document contains:

Delegates Personal Health & Fitness Requirements - Important Information
Joining Information
Pre-Course Preparation
Pre-Requisites/Entry Requirements
Enrolment
Attendance
Certification
Clothing/Special Requirements
Course Approval
Course Aims
Course Objectives
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Course Timetable and Syllabus

On completion of the course you will be asked to complete an evaluation form as part of our drive to maintain a high level of service and quality in our courses. We find delegate feedback very useful and welcome your comments.
Delegates Personal Health & Fitness Requirements - Important Information

In accordance with the OPITO training scheme for delegates undertaking emergency response training, each delegate is required to declare they are in good health and are fit enough to undertake the training - some activities may be physically demanding and potentially stressful.

Practical exercises are designed solely to meet the OPITO standards and will not place any physical or mental demands on delegates other than those required to meet the standards.

A medical declaration form relating to the delegates’ current health status is required to be completed by all delegates at enrolment to ensure delegates understand that this training involves strenuous physical effort and that they are of good health and physically fit enough to undertake such training without adverse health effects. Delegates may be asked about any responses/disclosures made on their form that could have an impact on their fitness and ability to do the course.

If a delegate has recently received medical treatment, is under the care of a hospital consultant or general practitioner, and has any doubts about their fitness or ability to do the course, they should contact the course administrator in the first instance, to seek advice. This applies even where a delegate holds a current/valid offshore medical certificate as it may pre-date the recent treatment.

The responsibility for an individual completing the course without any adverse effects to their present state of health lies with the delegate and/or their sponsoring company. However, where Warsash School of Maritime Science & Engineering has any doubts regarding the fitness of the delegate to undertake the training, they may seek medical advice or not allow the delegate to continue with the course.

If required, details of the exact nature of practical exercises can be obtained on request. If there are any doubts about participating in any of the exercises you must inform the lecturer or instructor in charge immediately. Failure to do this could endanger yourself or others.
Joining Information - Further Offshore Emergency Training with Compressed Air Emergency Breathing System (CA-EBS) and Escape Chute Training

Location: Solent University, Safety Training Campus  
Newtown Road, Warsash, Southampton, SO31 9ZL

Start Time: 0800 Enrolment at the Fire School  
Delegates are requested to report to the relevant classroom in plenty of time.

Refreshments: Lunch and Refreshments are included in the course fee, please advised of any allergies on arrival.

Contact: Admissions & Enrolment Team  
Tel: 0238201 5004  
Email: warsash.admissions@solent.ac.uk

Overseas students: Please ensure you are fully conversant with the latest Home Office regulations by visiting their website at www.gov.uk/government/organisations/uk-visas-and-immigration. To apply for your Short Term Student visa please contact warsash.admissions@solent.ac.uk as soon as possible to ensure you meet eligibility criteria for entry into the UK.

Pre-Course Preparation

None.

Pre-Requisites/Entry Requirements

Delegates, in addition to photo identification, MUST produce an in date offshore certificate for BOSIET, FOET, BOSIET or FOET with OPITO approved Escape Chute Training (ECT).

NB: Please refer to below for clarification of the validity of offshore certificates.

Satisfactory submission of the following in date certification:

✓ BOSIET - Basic Offshore Safety Induction & Emergency Training Course CA-EBS/EBS (OPITO) OR
✓ TBOSIET - Tropical Basic Offshore Safety Induction & Emergency Training Course CA-EBS/EBS (OPITO) OR
✓ FOET - Further Offshore Safety & Emergency Training Course CA-EBS/EBS (OPITO) OR
✓ TFOET - Tropical Further Offshore Safety & Emergency Training Course CA-EBS/EBS (OPITO) OR

Delegates who do not produce the above required pre-requisite documentation may be allowed to complete the course (at the discretion of the Course Manager); however, no certificates will be issued until such time as the pre-requisites have been met.

OPITO require delegates to participate in CA-EBS In Water Training (IWT) exercises. As a result, delegates undertaking OPITO BOSIET/HUET/FOET with CAEBS courses will have to provide both the following at the point of enrolment:
1. Valid OGUK Medical/or valid Offshore medical issued by a body outside of the UK (recognized as equivalent to the OGUK). Other medical certificates recognized by the Diving at Work Regulations 1997 exemption DWR/1 of 2018 as being equivalent to an Oil and Gas UK Offshore medical certificate are:

- Netherlands Oil and Gas Exploration and Production Association Medical
- Norwegian Directorate of Health (Petroleum Sector medical)

AND

2. A ‘Fit’ or ‘Unfit’ to undertake shallow water CA-EBS training certificate issued by a registered OGUK examiner.

IMPORTANT INFORMATION: If you possess a valid and current UK ENG1 Seafarers Medical (or a recognised equivalent seafarers medical, as listed in MSN1815) or HSE certificate of medical fitness provided by an Approved Medical Examiner of Diving (AMED) you will not be required to undertake 1) and 2) above, as you have already met the requirements of the Diving at Work Regulations 1997. Delegates must bring their ENG 1 (or equivalent seafarers medical) or HSE dive medical (as above) to course enrolment on day one. For guidance regarding HSE approved diving medicals, please refer to the HSE website.

- Additionally, delegates will be required to declare that on the day of CA-EBS In Water Training, they are not suffering from any condition that would render them unfit to complete CA-EBS in water exercises.

Please Note: Where delegates cannot either present the above pre-requisites at course enrolment and/or self-declare themselves to be unfit on the day of in water training, they will need to return to complete the CA-EBS in water training at a later date. A fee will apply for this and there will only be limited places available. As per OPITO standards, this needs to be completed within 90 days.

Further details regarding this (including procedure if delegates arrive without the necessary pre-requisites) can be found at the following links:

- Warsash School of Maritime Science & Engineering CA-EBS pre-requisite flow chart (please see Warsash School of Maritime Science & Engineering website for link)
- OPITO CA-EBS course FAQs (please see Warsash School of Maritime Science & Engineering website for link)

The above does not apply to delegates completing courses with LAPS Rebreather.

Course delivery will be English; therefore delegates are required to have a good understanding of the English Language.

Enrolment

Prior to enrolment, identity will be checked against a photo identification document*. This must be a passport or photo Driving Licence.

Delegates will be required to complete an enrolment form for each course that they attend which includes details such as date of birth/next of kin. All parts of the enrolment form need to be completed. Relevant certificates will be checked by Lecturers during the enrolment process. Delegates should bring details of their, Discharge Book, Certificate of Competency or Passport. These are required for registration purposes and for inclusion in the individual course certificates, which will be issued at the end of the course.

*Visa documentation will be checked as appropriate.
An OPITO Central Register form will also need to be completed in full. This will be then used to register your training accreditation with OPITO and update your training profile on the Vantage system.

**Attendance**

For successful completion 100% attendance is required.

**Certification**

The successful delegate will normally be issued with an OPITO certificate for combined FOET and ECT training at the end of the course. Personal details shown on the certificates are taken from the enrolment form completed at the commencement of the course. It is therefore important that all parts of the form are completed clearly and in full.

**Clothing/Special Requirements**

Course includes practical sessions **that will require students to bring** the following:

- **Firefighting** - Coverall/boiler suit or other old working gear, comprising of long trousers and long-sleeved tops. Socks are also essential. There is a slight risk that clothing will be tainted. Being outside it is recommended that during cold weather sufficient warm clothing is also brought.
- **Escape Chute training** - It is recommended that during cold weather sufficient warm clothing is also brought for this short outside session.
- **Helicopter Escape** - Swimming costume, T-shirt or similar and towel required for this session.

All other protective clothing is otherwise provided for those sessions as required.

**Course Approval**

This course is OPITO approved.

**Course Aim**

The programme is to assist in meeting the continued offshore safety and emergency response training and assessment requirements for delegates with an existing experience of working in the offshore oil and gas industry as identified in the Oil and Gas UK’s ‘Guidelines for the Management of Competence and Training in Emergency Response for Offshore Installations’.

This course is primarily designed for areas of offshore activities where Compressed Air Emergency Breathing Systems (CAEBS) are in use, including the UK and Netherlands. Inclusive Escape Chute Training (ECT) meets mandatory or company specific training requirements with this safety equipment. The combined training program is fully approved by OPITO with supporting certification and accredited to the Vantage database upon successful completion.

A Memorandum of Agreement on Mutual Recognition of Basic & Refresher Safety and Emergency Preparedness Training between has been in effect since November 2007 and has been revised in September 2014 to continue harmonising offshore survival training standards within sectors of the European North Sea. This course will satisfy the offshore survival training requirements for personnel intending to work in these European sectors requiring Compressed Air Emergency Breathing Systems (CAEBS).

The aim of the FOET (with CA-EBS) is to provide the delegates with the opportunity to practice and demonstrate emergency response skills which are not possible to practice during drills, exercises and emergency training offshore.
In addition to this, the aim of the Escape Chute training is to give delegates an understanding of how escape chutes are used as a means of tertiary escape from offshore installations and vessels and provide basic training in the use of a typical escape chute used offshore.

**Course Objectives**

To enhance and complement the existing on-going emergency training for persons working offshore and to refresh, reinforce and update the knowledge gained on a BOSIET & ECT courses.

The objectives of the FOET (with CA-EBS) are that delegates will be able to:
- Demonstrate, in a simulated environment, that they can use the safety equipment and follow procedures in preparing for and during helicopter emergencies - with particular focus on escaping from a helicopter following ditching.
- Demonstrate that they can effectively use basic firefighting equipment, and use self-rescue techniques in low visibility situations and completely obscured visibility situations e.g. smoke-filled areas.
- Demonstrate that they can perform basic first aid.

In addition to this, the objectives of the Escape Chute training are:
- To make delegates aware of various types of escape chutes used on offshore installations and vessels.
- To provide theoretical and practical training in the safe techniques for escaping through an escape chute.
- To ensure delegates understand what they are required to do when exiting the escape chute.

**Course Structure and Content**

The course takes place over 1 day and includes a mixture of classroom theory sessions and practical exercises utilising purpose-built training facilities.

The FOET course consists of the following modules:
- Firefighting and Self Rescue
- Helicopter Safety and Escape
- Emergency First Aid

The ECT consists of the following modules:

1. Escape Chute Systems and Escape Chute Use (Theory)
2. Escaping via an Escape Chute (Practical)

**Course Assessment**

Continuous assessment of both practical skills and oral understanding of underpinning knowledge throughout the course.

Note: Each delegate must complete the escape chute descent at least twice.
## Course Learning Outcomes

<table>
<thead>
<tr>
<th>MODULE</th>
<th>LEARNING OUTCOMES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Firefighting and Self-Rescue</strong>&lt;br&gt;<em>Demonstrate practically:</em></td>
<td>(1) Correct use of appropriate handheld portable fire extinguishers and which ones to use for different classes of fires.&lt;br&gt;(2) Self-rescue techniques with a smoke hood from areas where delegate visibility is reduced.&lt;br&gt;(3) Self-rescue techniques with a smoke hood from areas where delegate visibility is completely obscured.&lt;br&gt;(4) Small group escape techniques with a smoke hood from areas where delegate visibility is completely obscured.</td>
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<tr>
<td><strong>Escape Chute</strong>&lt;br&gt;<em>Demonstrate practically:</em></td>
<td>(1) Demonstrate entering the escape chute safely using the correct body posture.&lt;br&gt;(2) Demonstrate a controlled descent through the escape chute.&lt;br&gt;(3) Demonstrate exiting the escape chute correctly onto a collection raft or collection platform.&lt;br&gt;(4) Demonstrate, on completion of the escape chute descent, clearing the egress point at the base of the escape chute by moving out of the way of descending personnel.</td>
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<tr>
<td><strong>Helicopter Safety &amp; Escape</strong>&lt;br&gt;<em>Demonstrate practically:</em></td>
<td>(1) Donning of an aviation transit suit, an aviation lifejacket, compressed air emergency breathing system (CA-EBS) equipment and conducting integrity checks of the CA-EBS equipment, including buddy checks.&lt;br&gt;(2) Deploying (left and right hand) and breathing from CA-EBS equipment at atmospheric pressure in dry conditions.&lt;br&gt;(3) Actions to take in preparing for a helicopter emergency landing.&lt;br&gt;(4) Following instruction from the crew, location of CA-EBS equipment and evacuation from a helicopter using a nominated exit, following a controlled emergency descent to a dry landing (conducted in helicopter simulator at poolside on dry land).&lt;br&gt;(5) Actions to be taken in preparing for an in-water ditching including location of exit, deploying and breathing from CA-EBS equipment at atmospheric pressure in dry conditions (conducted in helicopter simulator at poolside on dry land).&lt;br&gt;(6) Dry evacuation, using a nominated exit, to an aviation life raft from a helicopter ditched on water (and, on instructions from the aircrew, operation of a push out window), assisting others where possible and carrying out initial actions on boarding the aviation life raft, to include: mooring lines, deploying the sea anchor, raising the canopy and raft maintenance.&lt;br&gt;(7) Escaping through a window opening which is underwater, from a partially submerged helicopter (without operation of a push out window).&lt;br&gt;(8) Escaping through a window opening which is underwater, from a partially submerged helicopter (with operation of a push out window).&lt;br&gt;(9) Escaping through a window opening which is underwater, from a capsized helicopter (without operation of a push out window).&lt;br&gt;(10) Following escape from the helicopter (HUET), inflate lifejacket, deploy spray visor and carry out in-water procedures, to include swimming, getting into Heat Escape Lessening Position (HELP), towing, chain, huddle and circle.&lt;br&gt;(11) Boarding an aviation life raft from the water.&lt;br&gt;(12) Being rescued by ones of the recognised methods available offshore and survivor actions following rescue.</td>
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(13) Deploying CA-EBS (above the water surface) and breathing from the CA-EBS in a pool, face down in shallow water (at a maximum depth of 0.7m, measured at the chest).

(14) Deploying CA-EBS (below the water surface, face down in a pool in shallow water) and clearing the mouthpiece by exhaling under the water surface (at a maximum depth of 0.7m, measured at the chest).

(15) Deploying CA-EBS (below the water surface, face down in a pool in shallow water, using opposite hand to previous exercise) and clearing with purge button under the water surface (at a maximum depth of 0.7m, measured at the chest).

(16) Deploying CA-EBS (above water surface), in a pool and breathing from CA-EBS underwater in a vertical position (at a maximum depth of 0.7m, measured at the chest).

(17) Deploying CA-EBS (underwater), in a pool and breathing from CA-EBS underwater in a vertical position (at a maximum depth of 0.7m, measured at the chest).

(18) Deploying CA-EBS (underwater), in a pool, breathing from CA-EBS underwater, and moving along a horizontal rail for a period of no less than 30 seconds, including a change in direction (at a maximum depth of 0.7m, measured at the chest).

| Emergency First Aid Demonstrate practically: | (1) Raising the alarm.  
(2) Immediate first aid actions, to include industry recognised first aid practice. |
Course Timetable and Syllabus

<table>
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<tr>
<th>Day 1</th>
<th>AM</th>
<th>PM</th>
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<tr>
<td></td>
<td>Course commences 0800</td>
<td><strong>Helicopter Escape Theory:</strong> Helicopter passenger safety and procedures, emergency equipment incl. CAEBs, Heli-raft stowage and operation.</td>
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<tr>
<td></td>
<td>Registration and Introduction</td>
<td>Transfer to Andark Pool Facility</td>
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<tr>
<td></td>
<td>Firefighting &amp; Self Rescue</td>
<td>Pool safety brief</td>
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<tr>
<td></td>
<td>Fire School safety brief</td>
<td><strong>Practical Session:</strong> Helicopter underwater escape training, including use of the CAEBs</td>
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<td><strong>Practical session:</strong> Portable handheld firefighting equipment.</td>
<td>Transfer to Safety Training Campus</td>
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<td><strong>Raising the alarm:</strong> Fire extinguishers, hose reels and blankets.</td>
<td>First Aid: raising the alarm, practice resuscitation (CPR), recovery position, bleeding and burns.</td>
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<td></td>
<td><strong>Self-Rescue:</strong> Self rescue techniques.</td>
<td>Course summary and issue of certificates.</td>
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<td></td>
<td><strong>Practical session:</strong> Self rescue.</td>
<td>Course completes approx. 1800</td>
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<td><strong>Escape Chute</strong></td>
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<td></td>
<td><strong>Theory:</strong> Overview and use of Escape Chutes</td>
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<tr>
<td></td>
<td>Pier head safety brief</td>
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<tr>
<td></td>
<td><strong>Pier Head practical session:</strong> Using escape chute</td>
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*The above course timetable is only a guide and is subject to change.*

Further Information

General Joining Information - Travelling to Warsash School of Maritime, Science & Engineering, Safety Training Centre, Warsash Campus

The school’s dedicated training centre is located 10 miles from Solent University main campus.

Please refer to the link below for the campus map: (https://www.google.com/maps/place/50%C2%B050'45.5%22N+1%C2%B018'09.9%22W/@50.8459768,-1.3027526)

Getting here by car
Southampton sits at the southern end of the M3 motorway. Southampton is just 75 miles (120km) from London, with excellent road links.

*From the West:* Exit M27 at junction 8 and take third exit towards the A27. At the next roundabout take the first exit, A27 towards Fareham. After 2 ½ miles crossing the River Hamble at Swanwick Marina, turn right at the top of the hill by Sarisbury Church opposite the green, into Barnes Lane. At the end of Barnes Lane turn right into Brook Lane. After ¾ mile, at the Warsash Village mini roundabout, go straight over into Newtown Road. The Safety Training centre is ½ mile on the right hand side.
From the East: Exit M27 at junction 9 turning left at the end of the skip road towards a roundabout on the A27. At roundabout take the A27 exit towards Park Gate (not Warsash). Follow A27 over two further roundabouts. At the third roundabout (Esso Garage) turn left into Brook Lane. At the next roundabout take the 3rd exit (still Brook Lane). After 1 ¼ miles, at the Warsash mini roundabout, go straight over into Newtown Road. The Safety Training Centre is ½ mile on the right hand side.

Please note all distances are approximate. If using SatNav use postcode: SO31 9ZL.

By Air
From Heathrow: Take the Southwest Trains Coach link to Woking. Travel by rail from Woking to Southampton Airport Parkway where there is a taxi rank. Journey time is approximately 2 hours.

From Gatwick: Take a train to Fareham where there is a taxi rank. Journey time is approximately 2 hours.

From Southampton: Take a taxi to Warsash Campus. Journey time is approximately 20 minutes.

By Rail
From London area: Travel to Southampton Airport Parkway and take a taxi.

From Gatwick, Bright area: Travel to Fareham instead of Swanwick where there is a taxi rank. The Swanwick station is the line between Southampton Central (from West and London) and Fareham (from east) and does not have a taxi rank. A taxi may be pre-booked from Radio Taxi (01329 282282).

For Train and information telephone National Rail Enquiries on 08457 484950 or www.nationalrail.co.uk

Getting there by Coach
National Express runs a coach service from many UK towns and cities to Southampton and Fareham. For more information please visit www.Nationalexpress.com.

Getting there by Bus
The No.57 bus service runs from Portsmouth to Warsash via Fareham and Locks Heath. The No. 72 bus service runs from Southampton City Centre to Gosport via Warsash Village.

Bus routes are subject to change. There is also a limited service at weekends and evenings. For up-to-date timetable information telephone: First (Southampton) 023 8022 4854 or First (Portsmouth) 023 9286 2412 or visit www.firstgroup.com/firsthampshire.

Getting there by Taxi
Southampton Airport and Airport Link Tel: 02392 269 700 is likely to be a more cost effective for Heathrow and Gatwick Airport pick-ups. Metered taxis at airports may be expensive so pre-booking is advisable.

Local Taxi Firms
- ATS Taxi Tel: 023 8022 2222
- Radio Taxis Tel: 023 8066 6666
- West Quays Cars Tel: 023 8099 9999
- Southampton Taxis Tel: 023 8000 5005

Car Parking
Solent University, Safety Training Centre has limited number of on campus car parking spaces available to short course delegates. These are currently available on a first come, first-served basis and do not require a permit to be displayed when parking between the hours of 08:00 and 17:00 Monday to Friday. There is unrestricted parking available in the Warsash Village, including a free car park in Passage Lane off Shore Road (approximately 15 minutes’ walk from the Campus).
Local Amenities
Warsash Village is ½ mile away (approximately 10 minute walk) from the Safety Training Centre. The village offers a number of shops (chemist/pharmacy, Post Office, General Store), cafes, pubs and garages. A cash-dispensing machine is available outside the Co-Op general store in Warsash Village, which accepts a number of bank cards.

Health and Safety
Health and Safety information is on display throughout the campus and students are expected to comply with this. Details of course specific health and safety procedures will be given at course commencement.

Accommodation
If you require an overnight stay or longer, there are a number of local hotels, B&B’s and guest houses. Please contact: https://maritime.solent.ac.uk/training-at-warsash/accommodation (Please scroll down the page).

For other useful accommodation websites:
- www.hotels.uk.com
- www.bedandbreakfast.co.uk

Catering Facilities
The Safety Training Centre has an on-site restaurant which serves freshly prepared hot meals, light snacks and refreshments, as well as a self-service vending area. All course delegates will be provided with refreshments and a two course hot meal; unless their course duration is ½ day or less, when only refreshments will be provided. Full details will be provided at the commencement of the course.

Opening Hours: 08:00 - 15:00

CCTV
Solent University (SU) uses CCTV and audio recording in some of its simulator and classroom suites to enhance the teaching and learning experience. The areas where recording takes place are clearly marked and staff will indicate if recording is likely to be used. All recorded data is held securely and is only accessed by authorised personnel. Requests for access to data can be made via staff members. If you do not wish to have data that includes you recorded through classroom/simulator CCTV systems, you are requested to inform the member of staff conducting the lecture/training before it commences. SU also uses CCTV systems in public places across all campuses (including satellite sites, for crime prevention purposes or for detection of incidents/crime only, for which there is a separate policy. For more information see the relevant sections of CCTV use on the SU Portal.

No-Smoking Policy
SU operates a no-smoking policy within buildings and an advisory no-smoking zone of 5 metres from any doors or windows in order to protect everyone from the effects of tobacco smoke. Smoking is therefore not allowed in any buildings and is only allowed in designated areas/shelters which are clearly marked or in areas outside 5 metres from doors and windows. Staff and students found smoking outside designated/allowed areas will be asked to stop or move.

Complaints Procedure
If you wish to make a complaint regarding any aspect of your stay please contact the School Manager (Course Operations & Quality Management Systems) at the following email: Beverley.windibank@solent.ac.uk who will be able to provide you with a copy of the University’s Student Complaints Procedure.

Overseas Students
Please ensure you are fully conversant with the latest Home Office Regulations by visiting their website at: https://www.gov.uk/government/organisations/uk-visas-and-immigration
To apply for your Short Term Student visa please contact warsash.admissions@solent.ac.uk as soon as possible to ensure you meet eligibility criteria for entry into the UK.
Every effort has been made to ensure that the information contained within this document is accurate and up to date at the time of going to print. Solent University reserves the right to change information.