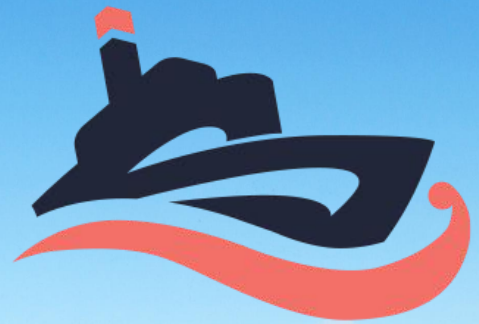


ELEARNING & STCW BLENDED REFRESHERS BROCHURE



SMT
STREAM MARINE TRAINING



INTELLIGENT SEAS GROUP



WHO ARE SMT & ISG?



Stream Marine Training is a world class provider of training in the maritime, renewables and oil & gas industry, based in Glasgow. As an approved provider of Global Wind Organisation and OPITO courses, SMT is proud to be contributing to global net zero. SMT also offers bespoke courses in New and Alternative Fuels & Systems including Hydrogen and LNG. SMT has excellent training facilities including a survival pool, helideck, fire ground and fast rescue boat site on the River Clyde.



INTELLIGENT SEAS GROUP

Intelligent Seas Group provides digital and blended learning solutions, and online simulation training for the maritime industry, offering both generic and bespoke courses. The team is made up of experts with a background of digital learning, marine experience, and training and competence experience across multiple industries. ISG are challenging the way that maritime training is delivered by using the latest technology to provide the most effective learning experience at the lowest cost.

OUR PARTNERSHIP



SMT
STREAM MARINE TRAINING



INTELLIGENT SEAS GROUP

Stream Marine Training and Intelligent Seas Group are proud to be collaborating to create a new hybrid training system. Through a blend of practical, competence-based course elements at SMT's facilities in Glasgow, and interactive and engaging eLearning modules by ISG, seafarers will be able to develop their skills in a way that suits them. The courses are STCW and Flag state approved. eLearning modules by Intelligent Seas Group allow seafarers to gain knowledge and skills, whilst minimising logistical issues and costs. Practical course elements will be held at SMT's excellent training facilities.

Blended Learning Approach:

The partnership takes the approach of blended learning and the following courses must be completed both online and in person:

PSCRBU

FRBU

FPFFU

PSTU

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ELEARNING & BLENDED REFRESHER COURSES

ADVANCED FIRE FIGHTING UPDATING ELEARNING COURSE

Level of Course - Refresher

Duration - 180 minutes

Suitable for - All seafarers

Pre-Requisites - Hold Advanced Fire Fighting Certificate, or equivalent

Standard(s) - STCW Convention and Code

Language - English

This Advanced Firefighting Updating eLearning course provides learners with information about firefighting considerations, including: control of equipment and personnel; stability of the vessel during firefighting operations; assessing onboard and ashore requirements; control of systems onboard; managing dangerous goods, injured persons, and use of fixed systems on board.

This online course contains a mixture of interactive exercises, realistic scenarios and a real-life case study, using high quality graphics and imagery throughout. Multiple choice questions to assess competency are at the end of each module.



LEARNING OUTCOMES

1. The learner understands the principles involved in controlling firefighting operations on board a vessel;

Is proficient in knowledge on: how fires often start, spread and their consequences, methods of extinguishment, classification of fires and their respective strategies of extinguishment.

2. The learner is able to control firefighting operations aboard ship, and can thoroughly describe how to fight fires in accordance with recognised procedures, including: the correct use of portable fire extinguishers, mobile apparatus, hoses and nozzles on appropriate fire types.

The learner understands fuel usage for different types of fires and how best to utilise their fuel.

The learner must be proficient in team communication and cooperation.

The learner is knowledgeable in firefighting procedures involving dangerous goods and injured persons.

3. The learner is able to: organise and train fire parties explain how to organise a fire party to implement emergency contingency plans promptly, and control firefighting operations in accordance with recognised procedures, including taking charge of a team and/or area of operation.

4. The learner knows how to inspect and service fire detection and extinguishing systems and equipment, including: personal protective equipment (PPE), rescue and life support equipment, and emergency escape breathing devices (EEBD).

5. The learner is able investigate and compile reports on incidents involving fire, and can thoroughly assess causes of fires;

Describe a typical fire investigation report highlighting key areas to be included;

Compile a factual incident report to comply with statutory requirements.

ASSESSMENT

End of course assessment with an 80% pass mark

CROWD MANAGEMENT ELEARNING COURSE

Level of Course - Awareness

Duration - 90 minutes

Suitable for - All levels of staff

Pre-Requisites - None

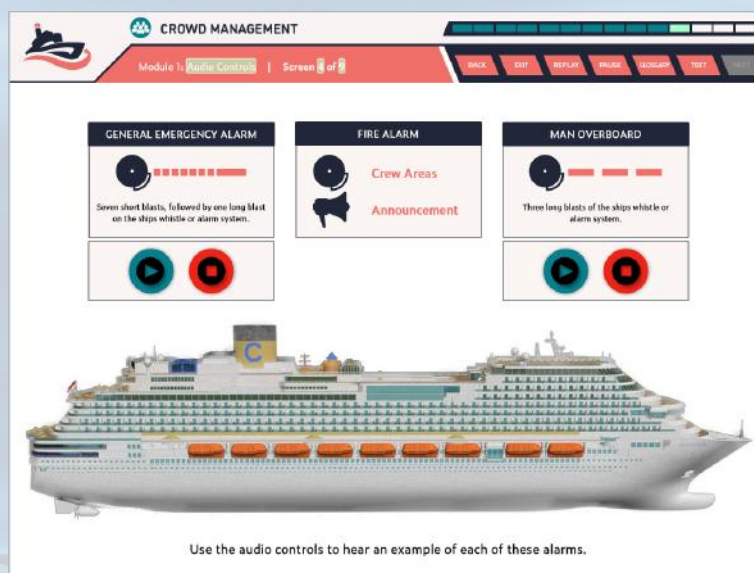
Standard(s) - STCW Convention and Code

Language - English

This Crowd Management eLearning course will teach learners about contributing to shipboard emergency preparedness for the mustering and evacuation of passengers and how to assist passengers to get to muster and embarkation stations.

This fully online course utilises high quality graphics and 3D modelling to represent realistic scenarios that delegates could face. Interactive exercises and a mixture of text, voiceover, videos and imagery ensure maximum engagement.

Using knowledge checks and end of module assessments, competence and learning is assessed frequently throughout the course.



LEARNING OUTCOMES

Module 1

LO1: Explain what is meant by crowd management

LO2: Identify shipboard emergency plans, instructions and procedures related to the management and evacuation of passengers

LO3: Describe muster lists and emergency instructions

Module 2

LO4: Identify crew roles and how crew contribute to the implementation of shipboard emergency plans and procedures, to muster and evacuate passengers

LO5: Explain crowd management techniques and relevant equipment used to assist passengers in an emergency situation

Module 3

LO6: Assist passengers to muster and embarkation stations

LO7: Give clear and reassuring orders

LO8: Manage passengers in corridors, staircases and passageways, keeping escape routes clear of obstructions

LO9: Describe methods for evacuating persons with disability and those needing special assistance

LO10: Describe methods of searching for passengers in accommodation and public spaces

Module 4

LO11: Describe effective mustering procedures

LO12: State the importance of keeping order

LO13: Use procedures for reducing and avoiding panic

LO14: Use, where appropriate, passenger lists for evacuation counts

LO15: Explain the importance of passengers being suitably clothed, as far as possible, when mustering

LO16: Check that passengers have donned their lifejackets correctly

LO17: Disembark passengers with special attention to disabled persons and those in need of assistance

ASSESSMENT

End of course assessment with an 80% pass mark

DESIGNATED SECURITY DUTIES ELEARNING COURSE

Level of Course - Awareness

Duration - 120 minutes

Suitable for - All levels of staff

Pre-Requisites - None

Standard(s) - STCW Convention and Code

Language - English

This Designated Security Duties eLearning course will teach learners about the security regulations that are in place to protect the maritime industry and its workers, the different roles that are associated with maritime security, and the security related documentation that is kept onboard. You will look in detail at the Ship Security Plan and learn about the different types of security systems and equipment that are available.

This fully online course contains real-life case studies and realistic scenarios, along with high quality graphics and images. Knowledge checks, interactive exercises, and end-of-module assessments enable delegates to measure their competence and learning throughout the course.



LEARNING OUTCOMES

Module 1—Security Regulations

LO1: Explain why SOLAS is relevant to ship security

LO2: Describe the contents of the ISPS Code

LO3: Explain how the IMO contributes to ship security matters

LO4: Describe the purpose of the SUA and the BMP5

LO5: Describe the objectives of the National Strategy for Maritime Security

Module 2—Roles and Duties

LO6: Identify security roles onboard

LO7: Describe the role of the Duly Authorised Officer

LO8: Describe the role of security guards onboard

LO9: Identify security related documentation kept onboard and who is responsible for it

Module 3—Ship Security Plan

LO10: Describe the requirement for the Ship Security Plan

LO11: Describe how the Ship Security Plan is implemented onboard

LO12: Explain the requirement for drills and exercises

LO13: Explain the requirement for contingency plans

Module 4—Security Systems and Equipment

LO14: Identify different types of security systems and equipment

LO15: Describe how to carry out maintenance on security systems and equipment
LO16: Explain how ISPS security levels affect security system and equipment maintenance

ASSESSMENT

End of course assessment with an 80% pass mark

ENVIRONMENTAL AWARENESS ELEARNING COURSE

Level of Course - Awareness

Duration - 90 minutes

Suitable for - All levels of staff

Pre-Requisites - None

Standard(s) - International Maritime Organization

Language - English

This Environmental Awareness eLearning course provides learners with information about: the environmental impact of shipping activities, and identifying methods of reducing that impact while carrying out operations, as to avoid further global warming and ozone depletion. Detail on: the regulations put in place by the International Maritime Organization (IMO) and the requirements under each of the technical annexes of MARPOL will be covered.

This online course contains exercises to engage the learner, including an interactive 360° environment and an interactive map. High quality video and graphics are used throughout, and regular knowledge checks and assessments monitor the delegate's learning and competence.



LEARNING OUTCOMES

1. Oil and Chemical Pollution:

Describe the global environment and our environmental responsibilities;

Define the role of MARPOL;

Describe how to prevent pollution by oil;

Explain how to control pollution by chemicals at sea.

2. Sewage, Garbage and Air Pollution:

Explain the prevention of pollution by sewage from ships;

Define pollution by garbage from ships and prevention methods;

Describe the effects of air pollution from ships and how to prevent it;

Describe ballast water management.

3. Special Areas:

Define regulations for travelling by ship in US waters;

Identify Special Areas and Particularly Sensitive Sea Areas;

Identify the importance of being more eco-friendly.

ASSESSMENT

End of course assessment with an 80% pass mark

ENTRY TO ENCLOSED SPACES AWARENESS ELEARNING COURSE

Level of Course - Awareness

Duration - 90 minutes

Suitable for - All levels of staff

Pre-Requisites - None

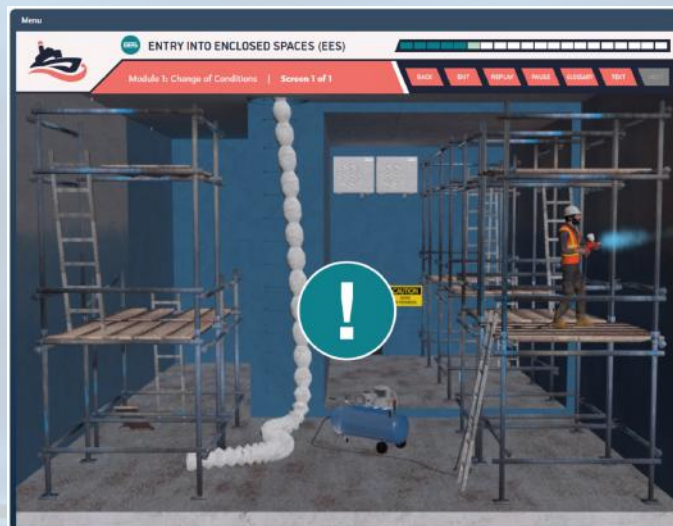
Standard(s) - The Merchant Shipping and Fishing Vessels (Entry)

Language - English

This Entry to Enclosed Spaces elearning course provides learners with an interactive, and engaging environment to gain foundation knowledge on EES regulations and best practice in the maritime industry. Alternatively, it provides refresher knowledge for experienced seafarers.

Information covered includes: what an enclosed space is, the hazards of working within it, the precautions to take before, during and after entry and typical responsibilities under the Ship's Safety Management System.

The information in this course is based on the most up-to-date guidance as issued by the International Maritime Organization.



LEARNING OUTCOMES

1. Explain what an enclosed space is.
2. Identify and describe hazards that may be found within an enclosed space.
3. Describe how to assess the risks.
4. Identify control measures that are typically implemented in an enclosed space.
5. List requirements of an emergency rescue plan.
6. Explain how to prepare for entry to an enclosed space.
7. Describe how to enter an enclosed space.
8. Explain measures to take whilst working in an enclosed space.
9. Explain when and how to exit an enclosed space.
10. Identify responsibilities under a typical Entry to Enclosed Spaces procedure.

ASSESSMENT

End of course assessment with an 80% pass mark

WORKBOOK

This course can be followed up with a workbook to be completed on the vessel

FIRE PREVENTION AND FIRE FIGHTING UPDATING ELEARNING COURSE

Level of Course - Awareness

Duration - 150 minutes

Suitable for - All levels of staff

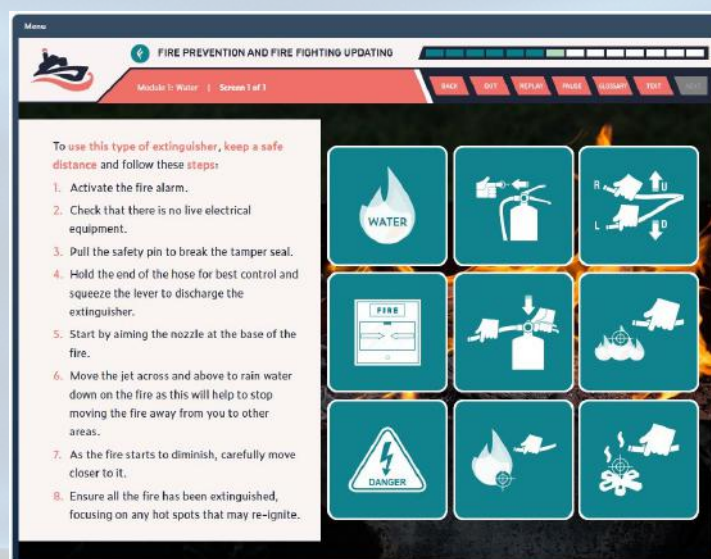
Pre-Requisites - Hold Fire Prevention and Fire Fighting certificate, or equivalent

Standard(s) - STCW Convention and Code

Language - English

This Fire Prevention and Fire Fighting Awareness eLearning course provides learners with information about what to do in the event a fire breaks out on board a vessel, the equipment used in fire prevention and extinguishment, and the different classifications of fire types that can occur.

This online course uses 3D modelling and high quality graphics to present realistic fire fighting scenarios to learners. Frequent knowledge checks maintain engagement and multiple choice assessments gauge the delegates' competence levels at the end of each module.



LEARNING OUTCOMES

1. Summarise the fire classifications
2. Identify the portable or mobile extinguishers to use on each fire type
3. Describe types of hoses and their connections
4. Describe types of hose nozzles
5. Explain how to use foam-making equipment
6. Describe how to maintain portable fire fighting equipment and their components
7. Explain the principles of operation of typical BA equipment
8. Describe the BA equipment checks pre, during and post use
9. Describe the process for casualty search and rescue

ASSESSMENT

End of course assessment with an 80% pass mark

PRACTICAL ELEMENTS

This course requires practical elements which take place at Stream Marine Training's facilities in Glasgow. To book, please contact +44(0)141 212 8777.

The in person training at SMT takes 210 minutes.

FAST RESCUE BOAT UPDATING ELEARNING COURSE

Level of Course - Awareness

Duration - 180 minutes

Suitable for - All levels of staff

Pre-Requisites - Hold Fast Rescue Boat certificate, or equivalent

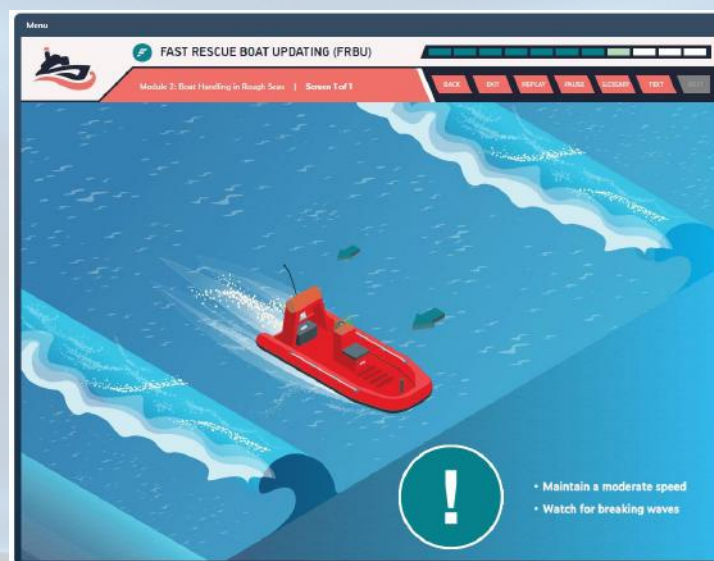
Standard(s) - STCW Convention and Code

Language - English

This Fast Rescue Boat Updating eLearning course provides learners with information about: fast rescue boats, boat handling and control, communication and search, and casualty recovery (both in individual cases and in the event of a capsized).

This course uses high quality animations and graphics to represent fast rescue boats and procedures for launch, search and rescue, capsized and casualty recovery.

Interactive tasks such as hot spots and drag-and-drop exercises to engage learners throughout. Competence and learning is assessed via knowledge checks and end-of-module multiple choice question



LEARNING OUTCOMES

1. Identify the different types of fast rescue boat.

Explain how the shape of the hull affects the handling of a fast rescue boat.

Describe the starting procedure of a jet boat.

Explain how to carry out routine inspections.

Identify what personal protective equipment is required.

2. Describe how to launch and recover a fast rescue boat.

Explain how to handle a boat in different sea conditions.

3. Identify communication methods and radio channels.

Define common search and rescue terminology.

Describe how to establish a start point and search method.

Explain different search patterns.

4. Describe how to recover a casualty.

Identify the causes of capsize.

Explain what to do during and after capsize.

Describe the purpose of kill-cords.

ASSESSMENT

End of course assessment with an 80% pass mark

PRACTICAL ELEMENTS

This course requires practical elements which take place at Stream Marine Training's facilities in Glasgow. To book, please contact +44(0)141 212 8777.

The in person training at SMT takes 210 minutes.

HAZARD IDENTIFICATION AND AWARENESS ELEARNING COURSE

Level of Course - Awareness

Duration - 60 minutes

Suitable for - All levels of staff

Pre-Requisites - None

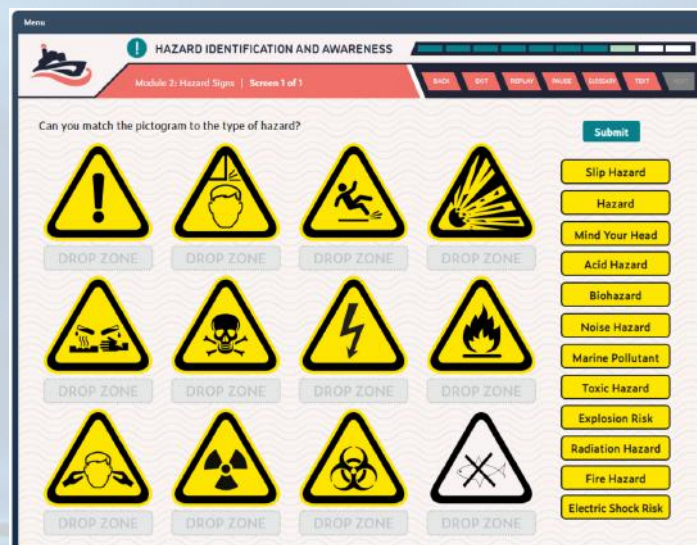
Standard(s) - None

Language - English

This Hazard Identification and Awareness eLearning course provides learners with information about the importance of identifying hazards onboard a vessel. This course presents the occupational risks associated with living and working on a ship, and how to recognize where hazards may be present.

This fully online course includes a range of interactive screens, including drag-and drop exercises and images and model with clickable hot spots. This course includes detailed 360° scenarios in which the learner has to search for and identify hazards.

Multiple choice end-of-module assessments gauge the delegate's competence and learning.



LEARNING OUTCOMES

1. Define hazard identification and why it's so important
2. Describe the occupational risks of living onboard
3. Explain how to look for hazards onboard
4. Identify hazards in different scenarios onboard
5. Identify the different types of hazard signs

ASSESSMENT

End of course assessment with an 80% pass mark

IMDG AWARENESS ELEARNING COURSE

Level of Course - Awareness

Duration - 120 minutes

Suitable for - All levels of staff

Pre-Requisites - None

Standard(s) - IMDG Code 2020 Edition

Language - English

This IMDG Awareness eLearning course will teach learners about the international regulations that are in place for the safe transportation of dangerous goods by sea. Delegates will learn about the requirements for packaging and labelling dangerous goods under the IMDG Code, and how to safely handle and store cargo that contains dangerous goods.

Detailed and accurate high-quality graphics are used throughout this fully online course. Real-life maritime case studies and realistic scenarios provide context for the learner and help them to relate to and digest the material. Frequent interactive exercises engage the learner, including drag-and-drop and clickable screens, and periodic knowledge checks and end-of-module assessments gauge the learner's competence.



LEARNING OUTCOMES

Module 1—Introduction to the IMDG Code

LO1: Define dangerous goods and where they might be found

LO2: Give an overview of the regulations governing the transportation of dangerous goods by sea

LO3: Outline the IMDG Code

LO4: Describe responsibilities of those involved

LO5: Outline consignment procedures

LO6: Describe the Dangerous Goods List

Module 2—Packaging and Labelling

LO7: Summarise the different types of packaging

LO8: Identify the different packing groups

LO9: Explain how dangerous goods should be packaged

LO10: Identify marking and labelling requirements

LO11: Explain the Dangerous Good Classifications

LO12: List the information to be detailed on hazard and handling labels

Module 3—Handling and Stowage

LO13: Explain how to safely handle and load dangerous goods

LO14: Outline the requirements for the stowage of dangerous goods on board, including segregation and compatibility groups

LO15: Explain the requirements for transportation documentation

LO16: Describe actions to take in the event of an incident involving dangerous goods LO17: Identify training requirements

ASSESSMENT

End of course assessment with an 80% pass mark

MANUAL HANDLING AWARENESS ELEARNING COURSE

Level of Course - Awareness

Duration - 60 minutes

Suitable for - All levels of staff

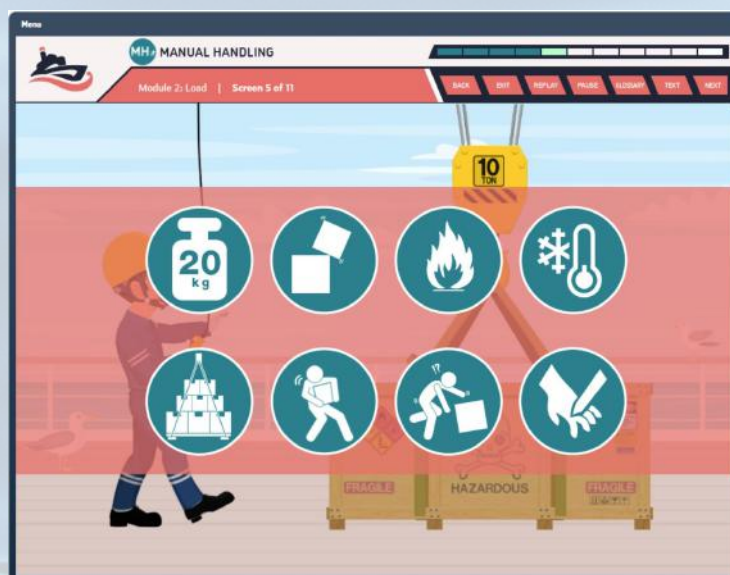
Pre-Requisites - None

Standard(s) - None

Language - English

This Manual Handling Awareness eLearning course will teach learners what manual handling is all about, how to minimise the risk of injury and the consequences of not carrying out manual handling tasks correctly. Learners will look at manual handling techniques and learn what lifting equipment and mechanical aids are available in the maritime industry.

This fully online course utilises accurate and detailed graphical representation to demonstrate correct lifting techniques to learners. 3D modelling allows learners to see lifting equipment and mechanical aids from all angles, and interactive screens keep the learner engaged throughout. Multiple choice questions at the end of each module assess competence and learning.



LEARNING OUTCOMES

Module 1

LO1: Describe why proper manual handling is so important

LO2: Explain what manual handling is

LO3: Explain the consequences of poor manual handling operations

LO4: Explain how to minimise the risk of injury by using the hierarchy of control

Module 2

LO5: Describe how to plan a lift

LO6: Explain what lifting equipment or mechanical aids could be used

LO7: Describe the steps to lift and carry safely

LO8: Summarise key points

ASSESSMENT

End of course assessment with an 80% pass mark

POLAR CODE AND POLAR SURVIVAL AWARENESS ELEARNING COURSE

Level of Course - Awareness

Duration - 120 minutes

Suitable for - All levels of staff

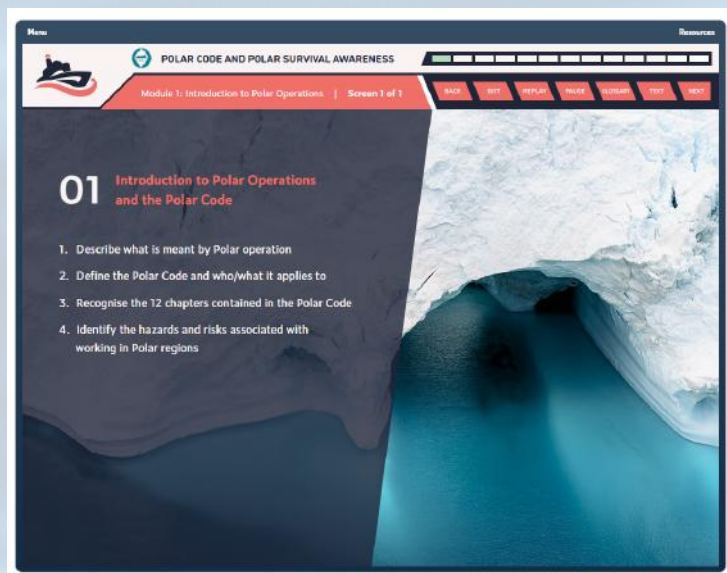
Pre-Requisites - None

Standard(s) - International Code for Ships Operating in Polar

Language - English

This Polar Code and Polar Survival eLearning course will teach learners about how the Polar Code is designed to help you to survive in a Polar environment. Topics covered include Polar survival techniques and how to use survival equipment, how to prepare for rescue, and what hazards exist in a Polar environment.

The information in this course is based on the most up-to-date guidance as issued by the International Maritime Organization.



LEARNING OUTCOMES

Module 1 - Introduction to Polar Operations and the Polar Code

LO1: Describe what is meant by Polar operations

LO2: Define the Polar Code and who/what it applies to

LO3: Recognise the 12 chapters contained in the Polar code

LO4: Identify the hazards and risks associated with working in Polar regions

Module 2 - How to Survive

LO5: Explain the considerations in the case of abandonment to ice

LO6: Recognise the psychology of survival and how to manage stress

LO7: Describe ice survival issues, including falling through ice

LO8: Describe how to set-up a tent on the ice

LO9: Specify the contents within PSK and GSK and the lifesaving equipment provided on the vessel

LO10: Describe issues around equipment and clothing

LO11: Describe safe toilet routines

LO12: Identify Polar wildlife and the potential risks posed

LO13: Describe the actions to take against Polar Bears

LO14: Explain how to maintain morale and how to successfully lead the team in survival situations

Module 3 - Preparing for Rescue

LO15: Describe how to prepare for rescue from the vessel

LO16: Identify the actions to take in the event of a helicopter rescue

LO17: Define the procedures for winching operations

LO18: Identify the actions to take if communications are lost

LO19: Describe how to deal with helicopter emergency situations

Module 4 - Recognising Hazards and How to Stay Safe

LO20: Explain the main general safety risks associated with extreme cold environments

LO21: Identify the PPE to be worn in Polar regions

LO22: Describe the structure of the skin and regulation of the body temperature LO23: Identify the signs, symptoms and treatment for hypothermia

LO24: Identify the signs, symptoms and treatment for frostnip and frostbite

LO25: Explain the four phases of cold water immersion

LO26: Identify the signs, symptoms and treatment of trench foot

LO27: Identify the signs, symptoms and treatment of snow blindness

LO28: Identify the signs, symptoms and treatment of ice burns

LO29: Describe how CPR may be used to assist a casualty

ASSESSMENT

End of course assessment with an 80% pass mark

PROFICIENCY IN SURVIVAL CRAFT RESCUE BOATS UPDATING ELEARNING COURSE

Level of Course - STCW Updating

Duration - 240 minutes

Suitable for - All levels of staff

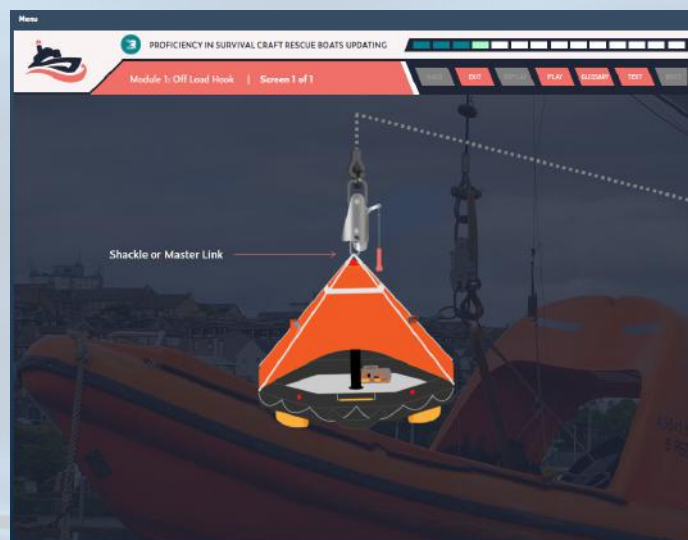
Pre-Requisites - Hold Proficiency in Survival Craft Rescue Boats certificate, or equivalent

Standard(s) - STCW Convention and Code

Language - English

In this Proficiency in Survival Craft Rescue Boats Updating eLearning course, learners will be reminded of the features of different types of release hooks, how Fall Prevention Devices work, and how to start a lifeboat engine. By the end of this course, delegates will be proficient in operating survival crafts.

This online course includes accurate and detailed graphics, animations and videos to demonstrate the features and techniques for operating survival crafts. Interactive exercises and references to real-life incidents keep the learner engaged with the material. Frequent knowledge checks and end-of-module assessments gauge the delegate's learning throughout.



LEARNING OUTCOMES

Module 1

- The learner is able to maintain the required standard of competence in survival craft and rescue boats (other than fast rescue boats), with knowledge of hooks, methods of deployment and off-load and on-load release devices.

Module 2

- Identify and explain the correct operation of Fall Prevention / Secondary Safety Devices or their equivalents.

Module 3

- Describe engine maintenance and operation with starts and stops (including preparations and checks), pre-start checks (including cold starting procedure), and know what steps to take in the event the engine fails to start.

Module 4

- Describe the launch and recovery procedures during a drill, take charge of a survival craft/rescue boat during launch, interpret, explain and correctly give commands, and safely perform necessary recovery procedures in an emergency.

Module 5

- Identify and utilise the various types of equipment typically found on survival crafts, including: radio life-saving appliances, EPIRBs, radar transponders (SARTs), and signalling equipment such as radars.

Module 6

- Describe the initial actions to take when abandoning a ship, the safety procedures in place, different types of ship safety aids, operating survival craft and steering on a compass course.

Module 7

- Identify the items in the first-aid kit, describe resuscitation techniques, the management of injured persons (both hot and cold injuries); hypothermia, frostbite, seasickness, heat stroke, dehydration, general bleeding and shock. Describe the risks of and causes of drowning.

ASSESSMENT

End of course assessment with an 80% pass mark

PRACTICAL ELEMENTS

This course requires practical elements which take place at Stream Marine Training's facilities in Glasgow. To book, please contact +44(0)141 212 8777.

The in person training at SMT takes 120 minutes.

PERSONAL SAFETY AND SOCIAL RESPONSIBILITY ELEARNING COURSE

Level of Course - To STCW Standards

Duration - 180 minutes

Suitable for - All levels of staff

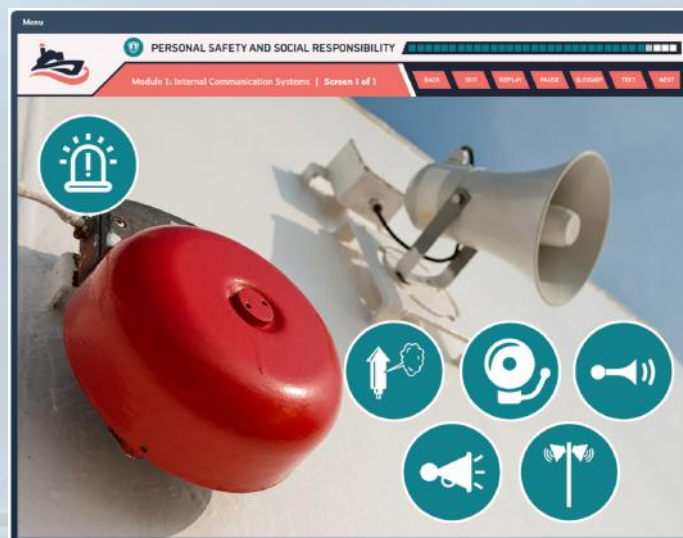
Pre-Requisites - None

Standard(s) - STCW Convention and Code

Language - English

This Personal Safety and Social Responsibility eLearning course will teach learners about the basic safety regulations that are in place in the maritime industry, and the procedures and planning to be followed to avoid disasters such as foundering or capsizing. Delegates will learn about safety and pollution prevention duties, and how to look after themselves and fellow crew members.

This fully online course uses a variety of learning techniques throughout, including knowledge checks, interactive exercises and real-life maritime case studies. High quality images and graphics are used to create accurate and detailed representations of the equipment and features that can be found onboard. Multiple choice questions at the end of each module monitor the learner's competence.



LEARNING OUTCOMES

Outcome 1

The learner must be able to: know how to comply with emergency procedures; explain the purpose of shipboard contingency plans for response to emergencies; identify a range of typical alarm systems found on board merchant ships; describe the actions to take on hearing emergency alarm systems or on discovering an emergency; identify personal safety equipment used in emergency situations; describe the use of escape routes and internal communication systems.

Outcome 2

The learner knows how to take precautions to prevent pollution of the marine environment; can thoroughly explain the meaning of the term 'pollution' as applicable to the marine environment; can outline international measures for pollution prevention; can list marine pollutants commonly found onboard ship; can identify the consequences of polluting the marine environment.

Outcome 3

The learner can identify personal responsibility (legal) to comply with the current Merchant Shipping and Fishing Vessel Health and Safety at Work Regulations; can identify a range of typical hazardous shipboard work situations; can explain the importance of adhering to safe working practice; can list commonly used safety and personal protective equipment provided on board ship and identify when to use it; can describe the risks of entering dangerous spaces on board ship and explain the precautions to be taken prior to entering enclosed spaces; can identify relevant seafarer health and safety publications published by the Maritime and Coastguard Agency (MCA), International Maritime Organisation (IMO) and International Labour Organisation (ILO).

Outcome 4

The learner knows how to contribute to effective communications onboard ship; can list typical methods of shipboard communication and identify the consequences of poor, wrong or inappropriate communications; can identify personal attributes essential to achieve effective communications and avoid misunderstandings.

Outcome 5

The learner knows how to contribute to effective human relationships onboard ship; can describe the typical differences between shipboard and shore-based work environment; can identify the seafarer's social responsibilities in a shipboard context; can identify the consequences of poor teamwork; can describe simple strategies for conflict resolution; can outline an individual's rights and obligations including employee responsibilities in a shipboard context.

Outcome 6

The learner understands the causes of fatigue and knows the necessary actions to control fatigue; can outline the meaning of the term 'fatigue' in a shipboard context and identify a range of common causes and the importance of obtaining the necessary rest; can define the circadian rhythm and how this and sleep can be disturbed by schedule changes, physical and external environmental stressors; can identify actions to control short term fatigue through personal actions and line management solutions; can outline the current regulatory requirements for hours of work

ASSESSMENT

End of course assessment with an 80% pass mark

PERSONAL SURVIVAL TECHNIQUES UPDATING ELEARNING COURSE

Level of Course - Updating

Duration - 150 minutes

Suitable for - All levels of staff

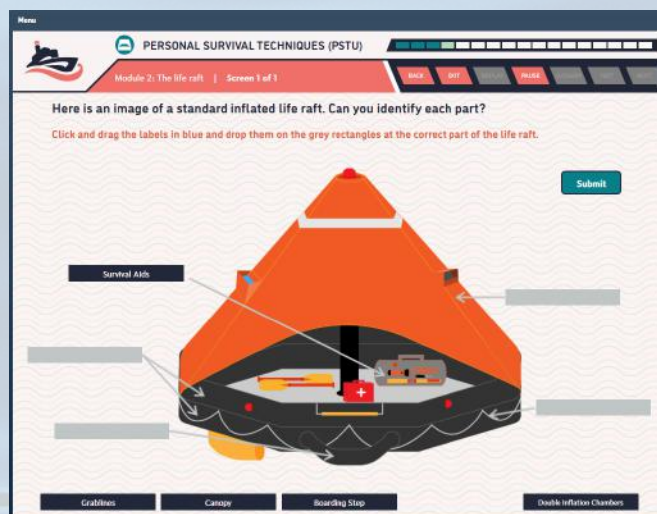
Pre-Requisites - Hold Personal Survival Techniques certificate, or equivalent

Standard(s) - STCW Convention and Code

Language - English

This Personal Survival Techniques Updating eLearning course will prepare learners to take the essential actions necessary to abandon ship in a hurry. They will learn: how to survive in the water, how to use a life raft to escape from the vessel when it is too dangerous to remain on board, and how to attract the attention of rescuers from the survival craft.

This online course uses a range of high-quality images, videos and graphics to provide accurate and detailed representations of equipment and procedures. All modules contain interactive screens and knowledge checks to engage the learner throughout, and references to real-life case studies put the material into context.



LEARNING OUTCOMES

Module 1

LO1: Explain how to survive after abandoning ship

LO2: Explain how your body loses heat

LO3: Describe how your body reacts in cold water

LO4: Describe how to protect yourself from the cold (correctly don and use an immersion suit)

LO5: Describe how to enter the water from height (jump from a height into the water)

LO6: Explain what to do when in the water (swim while wearing a life jacket, keep afloat without a life jacket)

Module 2

LO7: Define the features of a life raft

LO8: Describe the life raft launch procedure

LO9: Outline how a life raft maintains stability

LO10: Describe what to do after capsize (right an inverted life raft while wearing a life jacket, board a survival craft from the water when wearing a life jacket)

LO11: Summarise techniques to ensure the life raft remains visible

Module 3

LO12: Identify life raft location aids

LO13: Identify survival craft signalling equipment

Module 4

LO14: Describe SOLAS flares

LO15: Describe a buoyant smoke float

LO16: Explain how and when to use flares

ASSESSMENT

End of course assessment with an 80% pass mark

PRACTICAL ELEMENTS

This course requires practical elements which take place at Stream Marine Training's facilities in Glasgow. To book, please contact +44(0)141 212 8777.

The in person training at SMT takes 90 minutes.

PERMIT TO WORK AWARENESS ELEARNING COURSE

Level of Course - Awareness

Duration - 60 minutes

Suitable for - All levels of staff

Pre-Requisites - None

Standard(s) - None

Language - English

This Permit to Work Awareness eLearning course will teach learners why permits to work are required, what different types of permits are used in the maritime industry, and what types of work are likely to require permits.

This fully online course uses a variety of learning techniques throughout, including real-life maritime case studies, detailed graphical representation, and interactive screens. Frequent knowledge checks and realistic maritime-specific scenarios keep the learner engaged and able to relate to the material.

Multiple choice questions at the end of each module assess the learner's competence and knowledge.



LEARNING OUTCOMES

Module 1

LO1: Describe the purpose of a permit to work system

LO2: Identify who is involved in the permit to work process

LO3: Explain the principles of a permit to work system

LO4: Describe the stages of the permit to work process

Module 2

LO5: Identify different types of permits

LO6: Describe what is meant by a sanction to test

LO7: Identify which types of work are likely to require a permit to work

ASSESSMENT

End of course assessment with an 80% pass mark

SECURITY AWARENESS ELEARNING COURSE

Level of Course - Awareness

Duration - 180 minutes

Suitable for - All levels of staff

Pre-Requisites - None

Standard(s) - STCW Convention and Code, ISPS Code

Language - English

This Security Awareness eLearning course will teach learners about the ISPS Code and Ship Security. Delegates will look at the different security threats that vessels face and learn how to contribute to the safety of the ship through awareness, vigilance, and drills.

This fully online course contains high-quality images and graphics and interactive screens to engage the learner throughout. Knowledge checks and end-of-module assessments gauge competence and learning, while real-life maritime case studies and realistic scenarios provide context for the material.



LEARNING OUTCOMES

Module 1

LO1: Define Ship Security and how it relates to you

LO2: Identify the security roles onboard and at port

LO3: Describe how the ship and port communicate security threats

LO4: Explain ISPS Security Threat Levels

Module 2

LO5: Explain how to identify security threats

LO6: Identify different threats while the ship is in port

LO7: Identify different threats while the ship is underway

LO8: Identify different threats while the ship is at anchor

LO9: Explain how drills and exercises prepare for you for security threats

LO10: Describe how contingency plans protect you in the event of a security breach

LO11: Explain the function purpose of access points and restricted access

Module 3

LO12: Define terrorism and why it is a security threat

LO13: Define armed robbery and sabotage and why they are security threats

LO14: Define piracy and when to use a citadel

LO15: Define smuggling and why it is a security threat

LO16: Define stowaway and why they are a security threat

LO17: Define cyber attack and why it is a security threat

ASSESSMENT

End of course assessment with an 80% pass mark

TASK RISK ASSESSMENT AWARENESS ELEARNING COURSE

Level of Course - Awareness

Duration - 90 minutes

Suitable for - All levels of staff

Pre-Requisites - None

Standard(s) - None

Language - English

This Task Risk Assessment Awareness eLearning course will teach learners about how and why the risk assessment process is implemented, and includes a walk-through of the task risk assessment process onboard ships.

This fully online course references real-life maritime case studies to reinforce the importance of carrying out task risk assessments, with detailed and accurate high quality images used throughout. Interactive tasks, including drag-and-drop, hot spots and clickable screens, keep the learner consistently engaged during the course.

Frequent knowledge checks and end-of-module assessments are used to gauge the learner's progress and competence.



LEARNING OUTCOMES

Module 1

LO1: Explain why task risk assessments are carried out

LO2: Outline key responsibilities within the risk assessment process

LO3: Describe common risk assessment terminology

LO4: Explain what a Formal Safety Assessment is

Module 2

LO5: Describe the steps of the risk assessment process

LO6: Describe the preparations that take place before the assessment begins

LO7: Explain how to identify hazards

LO8: Explain how to assess risk

LO9: Explain what control measures are

LO10: Explain what residual risk is

LO11: Explain how to handle a previously risk assessed task

LO12: Describe the approval and recording process

LO13: Describe the toolbox talk

LO14: Explain how to stay safe when performing the work

ASSESSMENT

End of course assessment with an 80% pass mark

WORKING AT HEIGHT AWARENESS ELEARNING COURSE

Level of Course - Awareness

Duration - 90 minutes

Suitable for - All levels of staff

Pre-Requisites - None

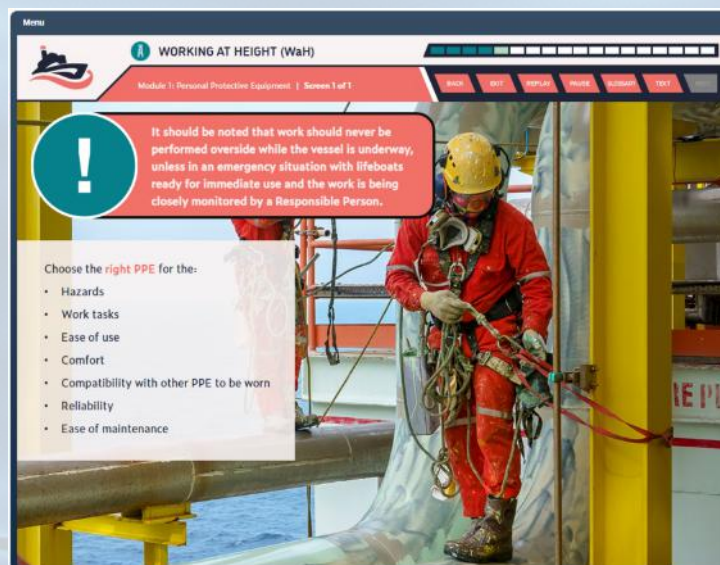
Standard(s) - None

Language - English

This Working at Height eLearning course will teach learners what working at height means, how to prepare for work at height and how to stay safe. This includes using equipment such as fall prevention and protection, using ladders safely and correctly, and how to choose the correct personal protective equipment.

This fully online course includes a range of interactive tasks such as drag-and-drop exercises and clickable screens. High-quality images and graphics are used through-out, as well as references to real-life maritime case studies and realistic scenarios.

Frequent knowledge checks and end-of-module assessments track the learner's progress and competence.



LEARNING OUTCOMES

Module 1 - The Fundamentals of Working at Height

LO1: Define terminology used when working at height

LO2: Explain what work at height means

LO3: Outline key roles and responsibilities

LO4: Describe the process of hazard identification and risk assessment for work at height

LO5: Describe the hierarchy of control used to eliminate or reduce risk

Module 2 - Preparing For and Working at Height

LO6: Summarise collective fall prevention and protection

LO7: Explain PPE requirements

LO8: Describe how to use ladders safely

LO9: Explain how to prevent dropped objects

LO10: Outline a typical emergency rescue plan

LO11: List final checks and how to perform the work safely

ASSESSMENT

End of course assessment with an 80% pass mark



UPCOMING COURSES

PASSENGER SAFETY, CARGO SAFETY AND HULL INTEGRITY ELEARNING COURSE

Level of Course - Knowledge

Duration - 120 minutes / 240 minutes

Suitable for - All seafarers

Pre-Requisites - None

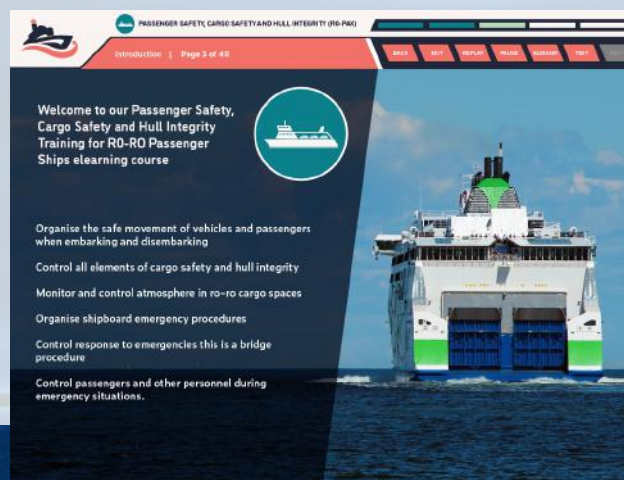
Standard(s) - STCW Regulation V/2 paragraph 7

Language - English

This is a fully online course to the standard of the STCW training required for seafarers on RO-RO Passenger Ships. In this Passenger Safety, Cargo Safety and Hull Integrity eLearning course, delegates will learn how to:

- organise the safe movement of vehicles and passengers when embarking and disembarking
- control all elements of cargo safety and hull integrity
- monitor and control atmosphere in ro-ro cargo spaces
- organise shipboard emergency procedures
- control response to emergencies this is a bridge procedure
- control passengers and other personnel during emergency situations.

A shortened version of this course is available for all seafarers, or an extended version is available for senior crew members and chief officers.



LEARNING OUTCOMES (for all seafarers)

STCW Outcome 1:

The learner knows how to carry out safe loading and embarkation procedures.

1. Explain key terminology
2. Describe organisation procedures for the ship to load and discharge vehicles, rail cars and other cargo transport units, including the use of appropriate communication methods.
3. Describe organisational procedures for lowering and hoisting ramps.
4. Describe how to set up and stow retractable vehicle decks as required by organisational procedures.
5. Explain how to embark and disembark passengers, and the special attention to be provided to persons needing assistance.

STCW Outcome 5:

The learner knows how to open, close and secure hull openings.

1. Describe shipboard procedures for opening, closing and securing bow, stern and side doors and ramps.
2. Operate the on-board systems to open, close and secure bow, stern and side doors and ramps.
3. Describe how to carry out surveys and inspections to ensure proper sealing of hull openings regarding the maintenance and condition of sealing materials, security arrangements, hinge arrangements and mechanical operating (opening/closing) arrangements.

STCW Outcome 6:

The learner knows how to monitor and maintain a ro-ro deck atmosphere.

1. Explain how to use equipment to monitor atmosphere in ro-ro spaces.
2. Explain the procedures for ventilating ro-ro spaces during loading and discharge of vehicles on voyage and in emergencies.

ASSESSMENT

End of course assessment with an 80% pass mark.

ADDITIONAL LEARNING OUTCOMES (for senior crew)

STCW Outcome 2:

The learner understands the requirements for safe carriage of dangerous goods.

1. Identify the shipboard sources of information regarding the requirements for the safe carriage of dangerous goods.
2. Describe the special safeguards, procedures and requirements covering the carriage of dangerous goods.

STCW Outcome 3:

The learner knows the requirements for securing cargoes and knows how to use cargo-securing equipment and materials.

1. Identify the shipboard sources of information regarding the requirements for securing cargoes.
2. Describe the provisions of the Code of Safe Practice for Cargo Stowage and Securing to vehicles, rail cars and other cargo transport units.
3. Identify the limitations of cargo storing equipment and materials.
4. Use cargo securing equipment and materials properly and safely.

STCW Outcome 4:

The learner can carry out stability and stress calculations.

1. Identify the shipboard sources of stability, stress and permissible deck load information.
2. Calculate stability and trim for a range of conditions of loading, using stability calculator or available computer programmes.
3. Calculate load factors for decks.
4. Calculate the impact of ballast and fuel transfers on stability, trim and stress.

ASSESSMENT

End of course assessment with an 80% pass mark

CRISIS MANAGEMENT AND HUMAN BEHAVIOUR ELEARNING COURSE

Level of Course - Awareness

Duration - 120 minutes

Suitable for - All seafarers

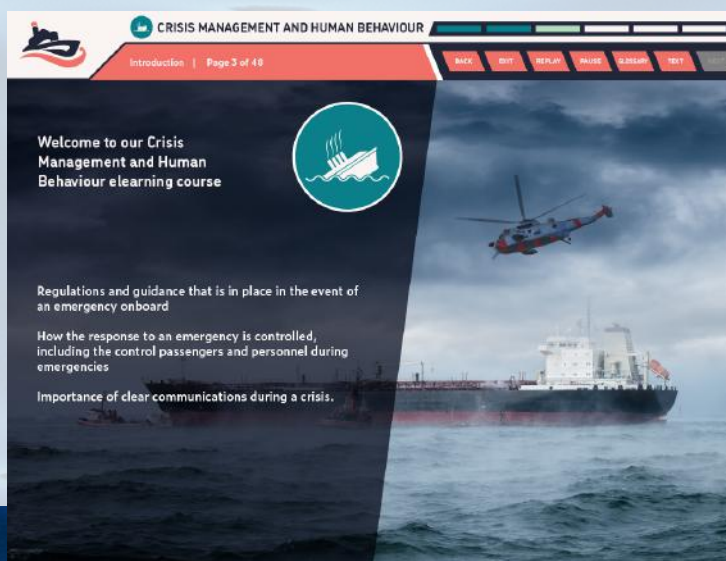
Pre-Requisites - None

Standard(s) - STCW Regulation V/2 paragraph 6 and section A-V/2 paragraph 3

Language - English

In this Crisis Management and Human Behaviour elearning course, delegates will learn about the regulations and guidance that is in place in the event of an emergency onboard. They will learn how the response to an emergency is controlled, including the control passengers and personnel during emergencies, and the importance of clear communications during a crisis.

This fully online course contains interactive exercises and frequent knowledge checks to keep the learner engaged throughout, and end-of-module assessments gauge the learner's progress. A real life maritime case study and high quality images keep the material relevant and relatable for the learner.



LEARNING OUTCOMES

Outcome 1:

Understand the importance of shipboard emergency procedures and how to organise them

1. Explain how specific ship design and layout may impact on the management of emergency procedures
2. State what the safety regulations cover
3. Describe shipboard emergency plans and procedures
4. Explain the need for pre-planning and drills of emergency procedures and the need for all personnel to be aware of and adhere to pre-planned procedures
5. Explain the importance of de-briefing following drills, including lessons learnt from case studies

Outcome 2:

Control the response to emergencies on board

1. Describe how to deal with an identified emergency situation
2. Identify any shortfall in the available resources and determine relevant contingency measures
3. Describe appropriate and effective leadership skills to deal with the identified emergency, including: setting an example; decision making; motivation and encouragement; reassurance of passengers and personnel

Outcome 3:

Control passengers and other personnel during emergency situations

1. Identify the typical symptoms of stress in passengers, crew and self during an emergency situation
2. Explain how stress can affect the performance of individuals
3. Explain that the reactions and behaviours of passengers and other shipboard personnel may include: A delay in accepting that an emergency situation exists; Symptoms of panic and irrational behaviour; Impaired comprehension and lack of response to instructions; Searching for other and/or belongings; Seeking safety/ refuge in cabins/other perceived safe places; Moving to upper side of ship if listing

Outcome 4:

Establish and maintain effective communications during an emergency situation

1. Explain the importance of giving clear and concise instructions and reports
2. Give clear, precise instructions, direction and guidance to passengers, crew and other personnel, taking account of language barriers and other relevant issues
3. Identify passenger and crew issues and concerns about the emergency situation
4. Provide relevant information and appropriate response to passenger and crew issues and concerns, taking account of: Non-verbal means of communication; use of hand signals; location of instructions, muster stations, life-saving devices and evacuation routes; Emergency announcements.

ASSESSMENT

End of course assessment with an 80% pass mark.

AUTHORISED GAS TESTER ELEARNING COURSE

Level of Course - Knowledge

Duration - 180 minutes

Suitable for - All AGT's. or those required to know the AGT

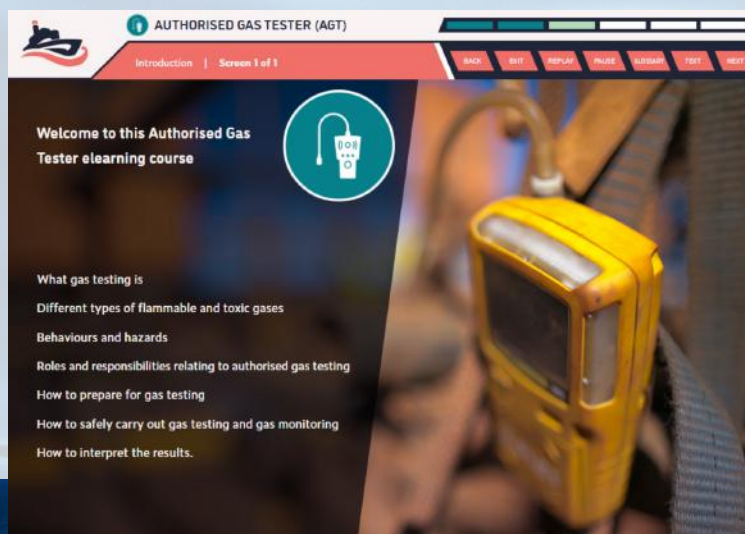
Pre-Requisites - None

Standard(s) - None

Language - English

In this Authorised Gas Tester eLearning course, delegates will learn what gas testing is and about the different types of flammable and toxic gases, their behaviours, and hazards. They will also learn about the roles and responsibilities relating to authorised gas testing; how to prepare for gas testing; how to safely carry out gas testing and gas monitoring; and how to interpret the results. This online course is suitable for anyone who may be required to carry out gas testing duties or as a refresher for competent Authorised Gas Testers.

This course alone does not make you a competent Authorised Gas Tester. Only once you have practised and have been assessed as competent, will you be permitted to carry out this role.



LEARNING OUTCOMES

1. Explain what gas testing is
2. Explain the locations or activities that might require flammable or toxic gas testing and monitoring
3. Outline roles and responsibilities relating to authorised gas testing
4. Identify hazards and risks that may be found in enclosed spaces
5. Describe the different types of flammable and toxic gases, their behaviours and hazards
6. Describe safe systems of work in enclosed spaces or areas where hazardous gases may be present
7. Explain the criteria for selecting the correct gas detectors and monitors
8. Describe how to calibrate, bump test and carry out pre-start checks on gas detectors and monitors
9. Explain what to do if equipment is damaged or ineffective
10. Explain where to site portable or transportable equipment for continuous monitoring
11. Explain how to set up the detectors and monitors and confirm they are functioning correctly
12. Explain when to use RPE
13. Explain the implications of WEL for toxic gases and LEL for flammable gases
14. Describe acceptable levels of gases and oxygen
15. Explain the impact of environmental changes on working conditions
16. Explain the operating principles of gas testing
17. Describe the process for gas testing in inert atmospheres
18. Describe the importance of taking various samples to locate varying concentrations of gases and vapours
19. Explain how to perform gas tests in sequential order
20. Explain the operating principles of gas testing measuring equipment failure modes
21. Explain how to interpret results
22. Explain what to do after results are interpreted

ASSESSMENT

End of course assessment with an 80% pass mark.

MOORING OPERATIONS ELEARNING COURSE

Level of Course - Operations

Duration - 60 minutes

Suitable for - All Seafarers

Pre-Requisites - None

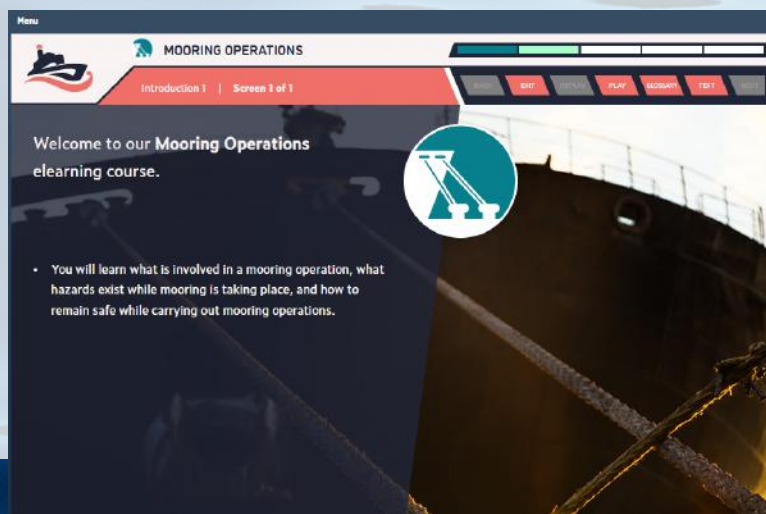
Standard(s) - None

Language - English

In this Mooring Operations eLearning course, delegates will learn what is involved in a mooring operation, what hazards exist while mooring is taking place, and how to remain safe while carrying out mooring operations.

This fully online course combines photographic and animated imagery to present mooring operations and the associated hazards to delegates. Interactive exercises and frequent knowledge checks keep the learner engaged throughout.

A shortened version of this course is available for those who need to be aware of the dangers of mooring operations but will not be directly involved in them.



LEARNING OUTCOMES

Module 1: Introduction to Mooring

1. Define what is involved in a mooring operation
2. Describe when mooring operations take place and who is involved in them
3. Identify common injuries associated with mooring procedures
4. Explain the hazards associated with Snap-Back Zones
5. Identify the different communication methods used in mooring operations

Module 2: Mooring Operations

1. Describe the basic characteristics of different types of mooring lines
2. Explain the basic hazards of mooring equipment and how to avoid them
3. Describe how to prepare for mooring operations
4. Explain what contributes to mooring incidents
5. Describe how to inspect mooring lines
6. Describe best practices for maintaining safety during mooring operations
7. Explain how mooring safety is being improved

ASSESSMENT

End of course assessment with an 80% pass mark.

HYDROGEN AWARENESS ELEARNING COURSE

Level of Course - Awareness

Duration - 60 minutes

Suitable for - All Seafarers

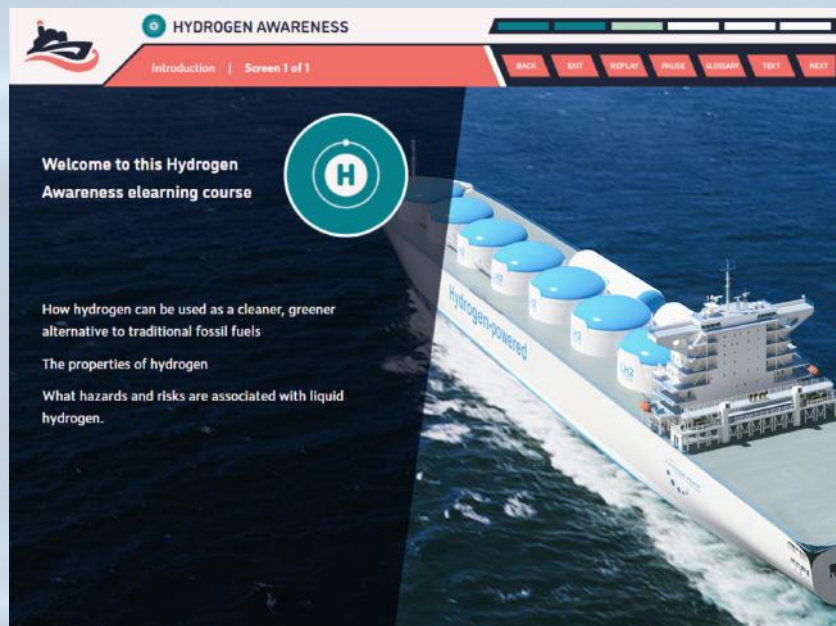
Pre-Requisites - None

Standard(s) - None

Language - English

In this Hydrogen Awareness eLearning course, delegates will learn how hydrogen can be used as a cleaner, greener alternative to traditional fossil fuels. They will learn about the properties of hydrogen, and what hazards and risks are associated with liquid hydrogen.

This fully online course uses a range of learning techniques, including interactive screens, high quality images and a real life maritime case study.



LEARNING OUTCOMES

Module 1: Hydrogen As A Fuel

1. Explain why fossil fuels are damaging for the environment
2. Describe what hydrogen is and its key properties
3. Explain the procedures for handling and storing hydrogen

Module 2: Liquid Hydrogen

1. Define the term cryogenics
2. Describe the key properties of liquid hydrogen
3. Identify the hazards and risks associated with liquid hydrogen
4. Explain how to avoid a brittle fracture
5. Describe the future of hydrogen in the shipping industry

ASSESSMENT

End of course assessment with an 80% pass mark.

HOW TO CONTACT US



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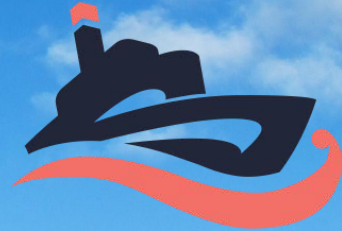
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