

SOLENT
UNIVERSITY

SOUTHAMPTON

WARSASH MARITIME SCHOOL

MARITIME SIMULATION AND DIGITAL LEARNING

Course and Joining Information

for

Certificate of Proficiency

Training in Advanced Oil Tanker Cargo Operations

ON-LINE

4.5 Days

**Delegates are
reminded that
they must bring
Photo ID with them**

Advanced Training in Oil Tanker Cargo Operations

Welcome to Maritime Simulation and Digital Learning (MSDL) section of the Warsash Maritime School. 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 course administrator in the first instance whose details you will find overleaf.

Please read all parts of this document thoroughly.

This document contains:

- Joining Information
- Pre-Course Preparation
- Pre-Requisites/Entry Requirements
- Enrolment
- Attendance
- Certification
- Clothing/Special Requirements
- Course Approval
- Course Aims
- Course Objectives
- Course Structure and Content
- Course Assessment
- 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.

Joining Information - Advanced Training in Oil Tanker Cargo Operations

Location: On-line using Microsoft Teams and Open Solent.

See **General Joining Information** below.

Start Time: 0900 - Delegates are requested to be online on MS Teams and Open Solent in plenty of time.

Contact: Admissions & Recruitment
Tel: 023 8201 5066
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

Please see general joining information below.

Pre-Requisites/Entry Requirements

Full proficiency in basic training in oil and chemical tanker cargo operations and the Tanker Fire Fighting certificate which meets the requirements set out in tables A-V/1-1-1 and A-V/1-2-1 of the STCW Convention and Code as amended, and be in possession of the appropriate certificates.

Please refer to MIN 535 sections 4 and 6, and MSN 1866 for additional information.

The course is also available to industry professionals who do not require STCW Certification.

Enrolment

Prior to enrolment, identity will be checked against a photo identification document. This may be a passport, or a photo driving licence or other document issued by a national or international administration or governmental body. (A student or employer ID card is not normally acceptable.)

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. The ID document and prerequisite certificates should be presented on camera at the time of enrolment. These should also be scanned and emailed to course instructor prior to enrolment. Delegates should have handy details of their, Discharge Book, Certificate of Competency (where held) or Passport. These are required for registration purposes but are not included in the individual course certificates, which will be issued at the end of the course on successful completion.

*Visa documentation will be checked as appropriate.

Attendance

For successful completion 100% attendance is required.

General Joining Information

Prior to attending the course, students are required to create an account on Open Solent using the following link: <https://open.solent.ac.uk/>

DO NOT use your email address as your username as it will not work!

After you have created your Open Solent account you will need to self-enrol onto the Advanced Oil Course. On Open Solent, click on Warsash Maritime School. Next, click on Short Courses. Now choose Advanced Oil to self-enrol.

For enrolment you will need to type in the key “Solent135”.

Certification

The successful delegate will be issued with a certificate at the end of the course. Personal details shown on the certificate are taken from the enrolment form completed at the commencement of the programme. It is therefore important that all parts of the form are completed clearly and in full.

Clothing/Special Requirements

No special clothing is required for this course.

Course Approval

MCA (UK) as being in accordance with paragraphs 3 to 4 of Chapter V Regulation V/1-1 of the STCW Convention 1978 as amended and Table A-V/1-1-2 of the STCW Code.

Course Aim

At the end of the course the student will have the relevant technical knowledge to assume the responsibilities of Master, Chief Officer, Chief Engineer, Second Engineer and any other person with immediate responsibility for oil cargo operations.

Course Objectives

The course is aligned with the provisions of paragraphs 3 to 4 of Chapter V Regulation V/1-1 of the STCW Convention 1978 as amended and Table A-V/1-1-2 of the STCW Code.

Course Structure and Content

The course takes place over 4.5 days. Included is a mixture of classroom based theory sessions, practical demonstrations, exercises, simulation, audio-visual displays and group discussions.

Course Assessment

There are two multi-choice assessments taken during the course, one at the end of day two and the other at the end of day four.

Learning Outcomes

Module	Learning Outcome
Regulations and Codes of Practice	Monitor and control compliance with legislative requirements.
Physics and chemistry	Familiarity with physical and chemical properties of oil cargoes.
Hazards	Take precautions to prevent hazards.
Design and Equipment	Apply occupational health and safety precautions.
Operations	Ability to safely perform and monitor all cargo operations.
Pollution	Take precautions to prevent pollution of the environment.
Emergency Procedures	Respond to emergencies

Course Timetable and Syllabus

0900 - 1230

Day One

Regulations, Conventions and Codes.
Chemical & Physical Properties.
Properties of Oil Cargoes.
Flammability, Toxicity and Hazards.

Day Two

Static and Current Electricity.
Electrical Equipment Approvals.
Cargo Calculations and Cargo Planning.
Explosions.
Sources of Ignition.

Day Three

Inert Gas Operations.
Gas Freeing.
Water Washing.
Crude Oil Washing.

Day Four

Health Hazards and Medical Aspects.
Enclosed Space Procedures.

Day Five

Risk Assessment and Reduction.
Fire and Emergency Actions.
Contingency Planning.

1330 - 1730

Properties and Hazards.
Design for Safety.
Safety Barrier and Hazardous Areas.
Fuel Oil Hazards.
Sources of Ignition.

Ship / Shore Liaison and Checklist
Gas Evolution and Venting Systems.
Vapour Emission Control.

Inert Gas Systems.
Cargo Pumping and Piping Systems.
Pressure Surge.

Oxygen and Gas Detection Instruments.
Cold & Hot Work and Repairs.
Double Hull Tanker and Combination Carrier
Operations.

1300 Course Completion

The above course timetable is only a guide and is subject to change.

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.