
Engineering Shipping and Maritime Operations - Level 3

Course Code: MF1FE03

Next available course:

Start Date	Location	Duration
17/02/2020	Fleetwood Nautical Campus	22 Weeks
07/09/2020	Fleetwood Nautical Campus	22 Weeks

Course Overview

This course provides the skills, knowledge and experience to become an engineering officer in the Merchant Navy, or to pursue various maritime/engineering opportunities, at sea and ashore. It offers an exciting opportunity to train towards a rewarding career while travelling the world and earning a tax-free salary. The course is delivered during the first of five phases that constitute a three-year cadet training programme at one of the UK's top nautical institutions, Fleetwood Nautical Campus. Benefit from expert tutors, a bespoke new £1.2m Marine Engineering Centre and strong industry partnerships that lead to excellent employment opportunities.

Entry Requirements

To be considered eligible for this course, you will need 4 GCSEs at grade C/4 or higher, including Maths and English (or equivalent).

You must apply directly to a sponsoring company, who will assign you a position on the course. You can do this at www.careersatsea.org

Career Options and Progression

Modules and Assessment

Teaching and Learning Methods

This course is delivered using several methods. You will develop theoretical knowledge, brought to life through practical hands-on skills training and linked to industry through simulation. Finally, you will consolidate your skills and knowledge with a period of work-based learning spent on board one or more Merchant Navy vessels.

The following table outlines the credit value of each unit, together with timetabled hours and the amount of time we expect you to devote to independent study:

Unit	Credit value	Guided learning hours	Self-study
Maritime Sector Overview	3	30	30
Vessel Construction and Stability	5	50	50
Mathematics for Seafarers	5	40	40
Numeracy for Seafarers	6	60	60
Control Vessel Operations	8	70	70
Electrical Principles for Marine Engineers	6	40	70
Strength of Materials for Marine Engineers	4	40	45
Marine Heat Engines	4	28	28
Maritime Employment, Environment, Health and Safety Practice	2	20	20
Marine Engineering Dynamics	5	40	50
Basic Vessel	3	28	28

Unit	Credit value	Guided learning hours	Self-study
Engineering Systems Statics for Marine Engineers	6	30	30

Industry Placement and Field Trips

Other Costs and Equipment Needed

Expert Tutors

All staff involved in the delivery of maritime and nautical courses within the College are approved to teach the subjects and modules they deliver. The approval process ensures that staff delivering a given programme are appropriately qualified and, where appropriate, possess relevant vocational and industrial experience and professional practice. .

Regulation and Accreditation

Accrediting Institution: **N/A**

Awarding Body: **SQA**

Regulatory Body:

Terms and Conditions

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