Officer of the Watch Engineering - HNC

Course Code: MH1HE48

Next available course:

Start Date	Location	Duration / Fee
06/01/2020	Fleetwood Nautical Campus	42 Weeks / £6,500
27/04/2020	Fleetwood Nautical Campus	42 Weeks / £6,500
08/09/2020	Fleetwood Nautical Campus	42 Weeks / £6,500

Course Overview

This programme is aimed at applicants wishing to pursue a career at sea. It allows you to study for an HNC whilst employed at sea as a trainee officer. Successful students therefore will achieve not only an HNC but also a vocational qualification that will allow them to sail as an Engineering Officer on merchant vessels. The programme is designed in a phased model, with academic College-based phases being interspersed with time served at sea on board ship. Progression to a Higher National Diploma (HND) might also be available.

Entry Requirements

Our standard entry requirements are 4 GCSEs (grades A*-C/9-4), including English and Maths, and 48 UCAS points, acquired through the Level 3 Diploma in Shipping and Maritime Operations (Engine).

You will also be required to achieve an appropriate level of English and meet certain medical standards (on which sponsorship is dependent).

Career Options and Progression

Modules and Assessment

Teaching and Learning Methods

Teaching consists of both traditional and student-centred learning activities. Our team of highly qualified industry specialists provide vocationally-relevant, structured input through lectures, presentations and simulations.

The course focuses on developing your skills, knowledge and understanding in the areas of navigation, meteorology, ship construction and stability, as well as marine cargo and bridge watch-keeping. A large part of the taught sessions will help you to further enhance your maths and science skills, to enable you to get the best out of the complementary modules on the programme. You will be given calculations to solve, the results of which you will use to predict outcomes, and plot and plan actions.

Working in groups and individually, you will be given opportunities to identify and solve problems, work with charts and plans, and understand and respond to potential emergency situations as they arise.

Unit	Indicative Contact hours	Self-study
HNC (Eng) Engineering Mathematics 1	40	80
HNC (Eng) Auxiliary Systems	40	80
HNC (Eng) Electrotechnology	40	80
HNC (Eng) Fundamentals of Controls & Transducers	40	80
HND (Eng) Strength of Materials	40	80
HNC (Eng) Propulsion	40	80

Unit	Indicative Contact hours	Self-study
HNC (Eng) Mechanical Principles	40	80
HNC (Eng) Stability and Structures for Merchant Ships	40	80
HNC (Eng) Marine Legislation and Leadership	40	80
HND (Eng) Project Management for IT	40	80
HNC (Eng) Thermodynamics	40	80
HNC (Eng) Pneumatics and Hydraulic Systems	40	80
HNC (Eng) Safety Engineering and the Environment	40	80
HNC (Eng) Graded Unit 1	0	80

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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