



# ENGINEERING OFFICER CADETSHIP

## DO YOU HAVE WHAT IT TAKES TO BECOME AN ENGINEERING OFFICER?

As a Merchant Navy Engineering Officer, you operate and maintain all the mechanical and electrical equipment on board the ship, and be responsible for all mechanical components of electrical systems, propulsion systems, refrigeration systems, plant, pumping, ventilation, deck fittings & machinery.

Using a bank of high-tech instrumentation, you'll monitor hydraulic and control equipment, and take charge of sophisticated engine management. There will be many opportunities to put your engineering problem-solving skills to the ultimate test. At sea, it will be up to you to diagnose the fault, get the equipment dismantled, repaired, reassembled and back into operation.

Once you're a Senior Engineering Officer, you'll lead and supervise a team of professional engineering personnel at sea and in port. You can then set your sights on the top position in the engineering department – Chief Engineer.

### Courses and Entry Requirements

All courses comprise of three years of study split into five phases, three of which are spent at college with the remaining two at sea:

**HNC/HND route** – You must hold a minimum of four qualifications including Maths, English and one science-based subject at the following level\*:

**Scottish Professional Diploma (SPD) / Foundation Degree (FD) route** – You must hold at least 48 UCAS points from Highers or A-Levels including maths and/or physics, plus the qualifications indicated for the HNC/D course.

**BSc Hons route** – in addition to HNC/HND qualifications, you must hold at least 104 UCAS points from Highers, A-Levels and/or degree (for engineering this must include a numerate subject)

**Post Grad route** – you are required to have a relevant numerate based degree and a LOA (Letter of initial assessment) from the college which has provided the exemptions.

4-9  
GCSEs

A-C  
National  
5s

1-3  
Standard  
Grades

\*Equivalent grades will be considered, including the Marine Pre-Cadetship qualification.

### Study at one of the UKs leading Nautical Colleges

- City of Glasgow College – HNC/HND/SPD/Post Grad
- Fleetwood Nautical Campus – HNC/HND/FD
- Humber Maritime College – HNC
- Shetland School of Nautical Studies (NAFC) – HNC
- South Shields Marine School – HNC/HND/FD
- Warsash Maritime Academy – HND/FD/BSC Hons/Post Grad

### Skills for life

- Study for an internationally recognized qualification
- Receive an MCA issued Certificate of Competency
- Learn how to lead people in a highly pressurized environment, understanding your role as part of a management team
- Gain an in-depth understanding of mechanical engineering, from the navigation and communications equipment on the bridge to the ships engine

For further information and how to apply visit our website  
[www.clydemarinetraining.com](http://www.clydemarinetraining.com)



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