



## WORKSHOP TRAINEESHIP

### What is a Marine and Technical Engineer?

The role of a Marine and Technical Engineer is varied, but overall he/she will assume responsibility for the operation and maintenance of technical facilities and installations. The Marine and Technical Engineer's task is to ensure that these facilities and installations operate at an optimal level in respect of safety, operating economies and the environment.

With this in mind, the Marine and Technical Engineering Programme has been designed to equip the student to perform these functions at a senior level aboard ships and at shore-based establishments.

### About the Marine and Technical Engineering Programme

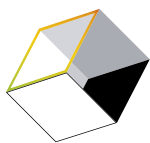
The Marine and Technical Engineering Programme is a Professional Bachelor Programme. For students with an upper secondary educational background, training lasts 4½ years and commences with a workshop course lasting 9 months. During the workshop course, the student acquires a range of practical skills in subjects such as:

- machining
- welding
- materials science and technical drawing
- electrical installation and troubleshooting
- diesel engines
- personal safety and protective equipment
- project work

The student completes all these subjects before the work placement, but must develop his/her knowledge and skills in some of these areas during the subsequent placement.

### The Work Placement

After the first 9 months of training, students undertake a 9 month placement, which is generally carried out in collaboration with a public or private company.



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### Agreements and Finance

The placement can be completed in public and private companies on shore, at sea on merchant ships or abroad. The company and/or the vessel must be approved for placements by the school. Placements at sea should, in order to be counted as sailing time for the obtaining of a Certificate of Competency, be undertaken on vessels with a propulsion power of over 750 kW and under the guidance of an engineering officer.

When the school has approved a company for placement, an agreement is established between the student and placement company. The agreement details what tasks the student will undertake during his time on placement.

The student participates in the company's general and everyday routines. In forming the agreement, it is understood that the nature of the work the student is to perform, is relevant to the Marine and Technical Engineering Programme. The work may consist of both development orientated tasks as well as tasks of a more routine nature.

The student is eligible for SU (The Danish students' Grants and Loan Scheme) throughout the work placement, which therefore is unpaid. The company may however choose to pay the student a salary.

### Further Information

If you need more information about work placement, or if you want to negotiate a placement, please contact

International Coordinator  
Anna Kathrine Jørgensen  
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### The Placement

The placement can be undertaken in any type of business that is relevant to the Marine and Technical Engineering Profession. The aim is, that the trainee gains experience in applying the practical skills in a business environment. Furthermore, he/she must learn to engage in a business organization with a focus on communication, safety, quality and teamwork.

The trainee can be assigned to all tasks within the company that include elements of the Marine and Technical Engineering Programme; practical as well as theoretical. The tasks can for example include repair and maintenance of processing equipment, production tasks, installation and service.

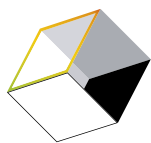
The student must, throughout the work placement, document progress in a logbook.

### Placement Report

In the latter part of the work placement, the trainee must produce a placement report.

The placement report must be based on a specific task which the student has undertaken. The student must reflect on his/her own professionalism and competencies in relation to the assigned task.

The student must also, on the basis of theoretical knowledge and practical experience, analyse the working methods, with a focus on communication, safety and teamwork, in order to assess the results.



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