



ELECTROTECHNICAL OFFICER (ETO*)

THE FRENCH MARITIME ACADEMY, ÉCOLE NATIONALE SUPÉRIEURE MARITIME (ENSM) TRAINS ELECTROTECHNICAL OFFICERS ETO*, RESPONSIBLE FOR THE MAINTENANCE OF ELECTRICAL AND ELECTRONIC SYSTEMS ON SHIPS. THEY ARE INVOLVED IN ALL TECHNICAL MATTERS RELATED TO ELECTRICITY PRODUCTION AND DISTRIBUTION, IN THE MAINTENANCE AND SETTING OF AUTOMATION SYSTEMS AND ALL ELECTRONIC SYSTEMS. ONBOARD.

ADMISSION CRITERIA

- The ETO* training is aimed at persons holding a diploma equal to or higher than Bac + 2 (BTS, DUT, DEUST, etc.) in automation, electrical engineering, electronics, computer science and networks.
- Medical fitness for navigation.
- Admission is by selection based on titles.
- The program is taught on the ENSM Nantes campus from September 2022 to June 2023.

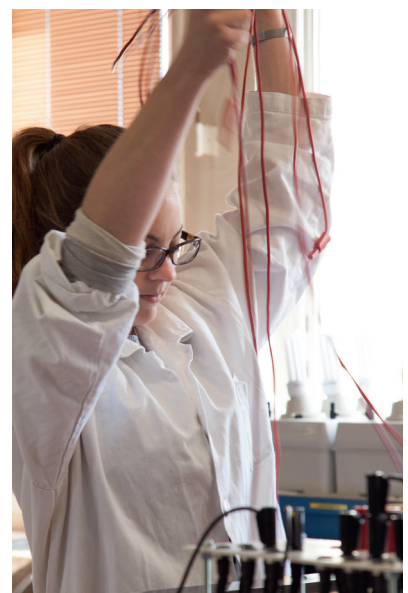
PROGRAM TIMELINE

The ETO program content is detailed in Annex VI of Decree of August 9, 2016 on the issuance of the electrotechnical officer's certificate : <https://www.ucem-nantes.fr>

The program is based on four modules as well as a specific STCW** qualification program.

- The ETO* diploma is delivered after validation of the training and upon presentation of a certified certificate of proficiency in English at least level B1 by CECL.
- The electrotechnical officer's certificate is delivered after six months at sea as an ETO* cadet.

The program ends with the issuance of a Diploma as electrotechnician and allows to obtain a Certificate as electrotechnical officer (ETO *) in accordance with the requirements STCW Convention** to work in this role on all types of ships.



*ETO Electro Technical Officer

**STCW (Standards of Training, Certification and Watchkeeping for Seafarers) Convention internationale sur les normes de formation des gens de mer, de délivrance des brevets et de veille.

AN INNOVATIVE SECTOR

Maritime transport, as most of the maritime economy, is at the forefront of innovation, in order to increase ships energy efficiency and participate to the protection of the environment

To imagine the ship of the future, there is also a need for capitalizing on new technologies (augmented reality, artificial intelligence).

CAREERS

Electrotechnical officers work on all types of ships and for matters related to electricity generation and distribution, in maintenance and setting of automation and all electrical systems on board.



PRACTICAL

The program is taught in the ENSM campus in Nantes, a city whose academic and industry environment creates favorable conditions for the development of activities, which favourably impacts of training and research, innovation and production.

The tuition fees are €8,800 for the modular training and €5,000 for the specific STCW program.

Registrations on : www.supmaritime.fr until June 10, 2022.

OPEN DAYS

- Le Havre, January 08, 2022,
 - Nantes, January 15, 2022,
 - Marseille, January 22, 2022,
 - Saint-Malo, January 29, 2022
- (for engineer training only)

All about ENSM: www.supmaritime.fr

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