



Go further than you thought possible

For students seeking an exciting career that combines travel, technical expertise, responsibility and global opportunity, maritime education offers a pathway unlike any other

THE Department of Maritime Studies at the National Maritime College of Ireland (NMCI), a constituent College of Munster Technological University, continues to prepare the next generation of maritime professionals for careers that are global, dynamic and critically important to international trade, energy and sustainability.

As Ireland's designated Center of Excellence for maritime education and training, the NMCI offers students a unique opportunity to combine academic learning with real world operational experience from the very beginning of their careers.

At the heart of NMCI are three specialist degree programmes designed to meet the evolving needs of the global maritime industry: the **Bachelor of Engineering in Marine Engineering**, the **Bachelor of Engineering in Marine Electrotechnology**, and the **Bachelor of Science in Nautical Science**.

These programmes provide students with internationally recognised qualifications and open pathways to careers both at sea and ashore.

The maritime industry is one of the world's most essential and intercon-

nected sectors. More than 90% of global trade is carried by sea, creating significant demand for highly skilled mariners.

Wide range of industries

Graduates from NMCI go on to work across a wide range of industries and vessel types, including cruise ships, oil and gas tankers, offshore supply vessels, seismic survey ships, cargo shipping and ferries.

Many graduates later transition to shore-based careers in areas such as marine surveying, port operations, offshore renewables, maritime management, logistics & supply chain, safety, engineering consultancy and lecturing.

What makes maritime education at NMCI particularly distinctive is the combination of academic study, practical training and cadetship opportunities.

Students quickly develop responsibility, leadership and technical competence in high-pressure operational environments. It is an education unlike any other, where students can find themselves managing sophisti-

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cated systems, navigating vessels or maintaining critical engineering operations at a remarkably early stage in their careers.

Over the past year, NMCI, which is home to Ireland's Maritime Simulation Centre, has further strengthened this learning environment through an €11 million investment in simulation and training technology from the Department of Further and Higher Education Research Innovation, and Science and the Department of Defence.

New simulation facilities

This major upgrade includes advanced marine bridge simulators, engine room simulators and rescue boat simulators, ensuring students have access to some of the most modern maritime training facilities in Europe.

These new simulation facilities support a blended learning approach, allowing students to experience realistic operational scenarios long before they begin their sea phase training with shipping companies around the world.

Students can familiarise themselves



with ship handling, navigation systems, engine operations, emergency procedures and decision making in a safe but highly immersive environment. By the time they step on board a vessel for their cadetship, they already possess practical insight into the realities of life and work at sea.

The maritime sector continues to evolve rapidly, particularly with the growth of offshore renewable energy (ORE), digitalisation and sustainable shipping technologies.

NMCI's programmes are designed to ensure graduates are ready to meet these future challenges while also benefitting from the international opportunities the industry provides.

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She was always looking beyond the horizon...

Now, she's charting it.

He started by taking things apart...

Now he keeps the world moving.

Ever wonder who powers the biggest ships on the planet?

Electro-Technical Officers do.

NMCI prepares students for careers that go far beyond the ordinary, combining academic excellence with hands-on, industry-led training.

BEng in Marine Engineering (MT764)
BEng in Marine Electrotechnology (MT765)
BSc in Nautical Science (MT766)

These degree programmes lead to dynamic careers at sea and ashore across shipping, offshore renewable energy, ports, logistics and global supply chain sectors.

Train in world-class simulators, workshops, and specialised **maritime** facilities, and gain real experience through structured sea phases and strong industry partnerships.

Visit www.mtu.ie

Official Technological Institute in Munster
Munster Technological University

National Maritime College of Ireland
College of Munster Technological University