

National Maritime College of Ireland



National Maritime College of Ireland
Coláiste Náisiúnta Mara na hÉireann

Nautical Studies

The National Maritime College of Ireland is a constituent college of Cork Institute of Technology in partnership with the Irish Naval Service and Focus Education.

Courses

School Leavers:

- Bachelor of Engineering in Marine & Plant Engineering CR 095
- Bachelor of Science in Nautical Science CR 094 →
Bachelor of Science Honours in Nautical Science
- Certificate in Navigational Studies in Seamanship

Post Graduate Courses:

- Courses for Professional Seafarers and Modular Courses



In brief

WHAT WE OFFER at the NATIONAL MARITIME COLLEGE OF IRELAND

• OPTIONS

Marine Engineering Degree (3 Years Ab-Initio)

Apply for CAO Code CR 095 Marine Engineering

Nautical Science Degree (3 Years Ab-Initio) →

Nautical Science (Honours) Degree (add-on)

Apply for CAO Code CR 094 Nautical Science

Entry: Leaving Certificate Minimum Requirements: Leaving Certificate Grade D3 in five subjects at Ordinary or Higher level including Mathematics and either English or Irish. Applicants for these courses must be capable of passing the approved Medical Fitness and Eyesight tests and are requested to attend a Career Advisory Session. Offer of a place on the course will be subject to passing the medical and eyesight tests.

• OPTION

Certificate in Navigational Studies in Seamanship

[3 years approx., including sea service]

Entry: By direct application to the NMCI and **not** through the CAO.

Please contact the CIT Admissions Office at the National Maritime College of Ireland admissions@nmci.ie for detailed entry requirements. Students should be at least 17 years of age. Students normally are expected to have reached the Leaving Certificate level of the Department of Education, or the Junior Certificate (or its equivalent) with appropriate seagoing experience. Applicants for this course must attend a college interview and meet the Medical Fitness and Eyesight standards required by the Department of Transport (arrangements for which will be notified to applicants).

Post Graduate Courses

• OPTION

Courses for Professional Seafarers & Modular Courses

These courses are available to professional seafarers who have completed one of the above courses at the NMCI or who have completed similar courses at another approved establishment and who are pursuing further study in order to progress in both rank and salary towards a senior management role on board ship.

Certificates of Competency are required under the Merchant Shipping Acts for personnel in positions of responsibility on board ships. The National Maritime College of Ireland offers preparatory courses for the mandatory certification examinations which are conducted by CIT on behalf of the Department of Transport. Courses for senior or post degree personnel and other modular courses are available for those who require to progress from the Officer of the Watch level to the Chief Engineer or Master level of Certificates of Competency. These are the highest management ranks on board ship.

The modular courses may also be available to other persons.



CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ



Careers at sea

Life at sea has always appealed to young people who want to combine travel with a challenging career offering exciting future prospects. This is the life for those who relish the challenge of working with the sea - one of Nature's most powerful and temperamental elements.

Ships carry 95% of world trade and seaborne traffic is forecast to double in the next ten years. This is generating a great demand for high-quality personnel to manage and operate today's technically sophisticated ships. Apart from seagoing duty, the maritime industry also involves shipbuilding and ship repair, marine equipment companies, ports, surveying, administration services, insurance and law.

This major industry is looking for capable and enthusiastic young people who are ready for responsibility and hard work, and who enjoy using the latest technology. You will become a key member of a highly qualified team, whether on a giant supertanker, a container ship, a cross-channel ferry, a cruise liner, a specialised vessel servicing the offshore oil industry or on a small cargo ship. The National Maritime College of Ireland which is situated in Ringaskiddy, Co. Cork is the designated national centre for the education and training of personnel for the Merchant Navy

The Student Experience

In addition to theoretical studies, students gain practical experience in safety, personal survival, rescue and fire-fighting. All students train with experienced seafarers at the National Maritime College of Ireland and aboard ships trading world-wide. If you choose the navigation discipline you will train on computer-controlled radar and navigation simulators, whilst in the engineering discipline you will work in the training engine room, specialised laboratories and workshops at the College.

Government Aid for Training of Seafarers

This scheme provides limited financial support for trainee engineering and officer cadets and for other junior officer training. The current scheme provides limited financial support to merchant marine trainees at the National Maritime College of Ireland and is funded by the Department of Transport. These grants cover the cost of mandatory courses and fees that are not covered by the Department of Education and are needed to bring a trainee to his or her 'Officer of the Watch' certificate of competency.

There is also a grant payable when you are at sea during your training. The administration of all the grants is conducted by The Irish Maritime Development Office (IMDO) www.imdo.ie

Please note: The programmes described in our information leaflets and handbooks may be subject to modifications to ensure continued compliance with the Convention on Standards of Training, Certification and Watchkeeping for seafarers, STCW 95.

National Maritime College of Ireland

The National Maritime College of Ireland enables Ireland to meet its obligations under the IMO Convention STCW95.

The college meets the education and training needs of both the merchant and naval services in a unique co-operative venture, making maximum use of the specialist facilities and avoiding unnecessary duplication.

The College incorporates facilities such as:

- Simulation training in Navigation, Engineering, Communications, and Liquid Cargo Handling.
- Survival training facilities, including pool for survival training, helicopter evacuation, marine escape system, and jetty with survival craft for merchant, naval and offshore situations.
- Modern Engineering Workshops, Engine Room and ancillary equipment.

Developments planned include

- The development of an Honours Degree level programme for the Engineering discipline.
- Comprehensive revalidation training courses for professional seafarers.
- Dedicated programmes to meet specific industry sector needs and the needs of Port related activities.
- Training and awareness courses for the marine leisure industry.
- Training for the Offshore industry sector in safety and survival.
- Limited Research & Development facilities to facilitate partnerships and complement marine related Research & Development in the country.

Elements of the College

- Classrooms, Lecture Theatre,
- Laboratories,
- Workshops,
- Multipurpose Hall,
- Engine Room,
- Jetty with Survival Craft, Slipway,
- Survival Pool and Helicopter Dunker, Cold Water Training Tank, and Marine Escape System.
- Fire and Damage Control Centre,
- Liquid Cargo Handling Simulation,
- GMDSS, (Global Maritime Distress Safety Systems),
- NARAS-O, VTS, SAR, Fleetwork Simulator,
- Engine Room Simulation,
- Full Mission Bridge Simulator (Merchant ship) 360 degree visuals,
- Full Mission Bridge Simulator (Naval ship) 270 degree visuals,
- Three Auxiliary Bridge Simulators with 150 degree visuals,
- Restaurant,
- Student Common Room.

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