

*Where Learning
Becomes Life Changing*

OFFICER TRAINING PROGRAM

CANADIAN COAST GUARD
ACADEMY
nil sine cura



Canadian
Coast Guard

Garde côtière
canadienne

Canada 

Canadian Coast Guard Academy

A Centre of Excellence Since 1965

The Canadian Coast Guard Academy (CCG Academy) is the Coast Guard's national, bilingual, degree-conferring training academy. The Academy provides marine training for Coast Guard Officers, fleet personnel and marine safety, security and environmental protection specialists.

Located on beautiful Cape Breton Island, Nova Scotia, the Academy's four-year Officer Training Program is one of the best marine training programs in the world. Offering streams in both Marine Navigation and Marine Engineering, this program develops officers for a dynamic and long-term career. An officer's career path is vast with opportunities in operational and management roles, both at sea and onshore.

WHY CHOOSE THE CCG ACADEMY

When joining the Officer Training Program, you begin your career as a public servant of Canada, and during your four years at the Academy, you will receive:

- Paid education and a monthly allowance
- Accommodations, meals, textbooks and uniforms
- Medical and dental plan coverage
- Up to four weeks paid vacation leave every year

GRADUATES OF THE CANADIAN COAST GUARD OFFICER TRAINING PROGRAM RECEIVE:

- Canadian Coast Guard Academy Diploma
- Bachelor of Technology in Nautical Sciences
- Internationally recognized Commercial Certificate of Competency issued by Transport Canada.
- Continued employment with the Canadian Coast Guard



Keepers of the Coastline

The Canadian Coast Guard are the keepers of Canada's 243,000 kilometer long coastline – the longest of any in the world. The Canadian Coast Guard is the leading maritime authority in the country, operating 24/7 in challenging conditions, providing essential marine services to Canadians.

The Canadian Coast Guard offers essential marine services to keep our waters safe and navigable. Our services include: Search and Rescue, Aids to Navigation, Environmental Response, Icebreaking, Maritime Security, Waterways Management, supporting other government agencies in their mandates and Marine Communications and Traffic Services.



Campus Life

ADMINISTRATIVE & ACADEMIC COMPLEX

Small and large classrooms, study rooms, laboratories, simulators, library, and galley.

WATERFRONT TRAINING CENTRE

Also known as the boatshed. Home to various vessels for training and recreation.

MARINE ENGINEERING TRAINING BUILDING

Known as the Machine Shop. This facility is where hands-on training prepares cadets with skills including: welding, machining, engine repair and rebuilding, refrigeration, ship refitting, water purification, and hydraulics.

WELLNESS CENTRE

Our multi-functional Wellness Centre houses a 25-metre swimming pool, double gymnasium, fitness rooms, squash court, and outdoor soccer and baseball fields.

RESIDENCE

The Academy offers excellent accommodations imitating shipboard life. Each cluster is made up of 8 private rooms with shared washroom and living room. Amenities include a large media room, music room, and games room.



MARINE NAVIGATION

ACADEMIC TIMETABLE

11 MONTHS AT ACADEMY

7 MONTHS AT SEA

8 MONTHS AT ACADEMY

7 MONTHS AT SEA

10 MONTHS AT ACADEMY

MARINE ENGINEERING

ACADEMIC TIMETABLE

11 MONTHS AT ACADEMY

4 MONTHS AT SEA

14 MONTHS AT ACADEMY

4 MONTHS AT SEA

10 MONTHS AT ACADEMY

What to Expect

The Marine Engineering Program and Marine Navigation Program will prepare Officer Cadets for exceptional career paths in the Canadian Coast Guard.

As a Canadian Coast Guard employee in the training program, Officer Cadets will develop skills within their field of study through a consecutive 4 year program consisting of academic terms and sea-phases. Academic terms will include a blend of classroom learning, simulation and practical training with time at sea. On sea-phase, Officer Cadets will experience life and work aboard Coast Guard vessels.



Is Marine Navigation for you?

Marine Navigation Officers are responsible for the safe passage of a Canadian Coast Guard vessel at sea and for its security in port. They also have logistical, safety and financial responsibilities onboard a vessel.

The program has many elements, each preparing the officer cadets for their careers as navigation officers. Elements include seamanship, chartwork, communications, meteorology, stability and navigating various sizes of vessels among many others.

This Transport Canada accredited program prepares you for a career as a Marine Navigation Officer in the Canadian Coast Guard Fleet. You will develop your marine skills through classroom learning, world-class navigation and ice breaking simulations, as well as practical hands-on training at the Academy and at sea. You will also have

the opportunity to develop your leadership skills to effectively provide direction to the ship's crew while ensuring the safety of the vessel and persons aboard.

For program prerequisites, please refer to page 8.





Is Marine Engineering for you?

Marine Engineering Officers are responsible for the safe operation and maintenance of all equipment and structures of Canadian Coast Guard vessels. They are involved in the maintenance of all equipment and perform major refit (repairs) to main engines and associated propulsion systems.

The program has many elements, each preparing the officer cadets for their careers as engineering officers. Elements include technical sketching and blueprint reading, engineering knowledge, electricity, hydraulics, ship construction, refrigeration, thermodynamics and many more.

This Transport Canada accredited program prepares you for a career as a Marine Engineering Officer in the Canadian Coast Guard Fleet. Through classroom learning, state-of-the-art propulsion plant simulator and practical training at the Academy and at sea, you will learn to operate numerous engineering systems aboard a vessel including hydraulics, propulsion plant, electrical and electronic systems, and refrigeration and air conditioning systems. You will develop marine skills to provide effective watchkeeping, vessel maintenance, and repairs. The development of your leadership skills will ensure the safe operation of the vessel and its crew.

For program prerequisites, please refer to page 8.

Admissions

COURSE REQUIREMENTS - For an application to be considered, a high school diploma is required by June 30th of the intake year, with a minimum final grade of 70% in each of the following university - preparatory courses. Applicants may apply in their grade 12 or secondary 5 year.

Course requirements effective March 2025

Alberta, Northwest Territories and Nunavut	Chemistry 20*	Physics 30	Math 30-1 or 31	English 30-1
British Columbia and Yukon	Chemistry 11*	Physics 12	Pre-Calculus 12	English 12
Manitoba	Chemistry 30S*	Physics 405	Pre-Calculus 40S	English 40S
New Brunswick (English Sector)	Chemistry 111 or 112*	Physics 121 or 122	Pre-Calculus A120 & B120 or Calculus 120	English 121 or 122
New Brunswick (French Sector)	Chemistry 52311*	Physics 51421 or 51411	Math 30421C or 30411C	French 10411 or 10421
Newfoundland and Labrador	Chemistry 2202*	Physics 3204	Math 3200 or 3208	English 3201
Nova Scotia	Chemistry 11*	Physics 12	Pre-Calculus 12	English 12
Ontario	Chemistry SCH3U*	Physics SPH4U	Math MCV4U or MHF4U	English ENG4U
Prince Edward Island	Chemistry 521A*	Physics 621A	Math 621B or 611B	English 621A
Quebec	Chemistry 534 (051504)*	Physics 534 (053504)	Math-Technical Science (064506) or Math, Natural Sciences (065506)	English (134504)
Saskatchewan	Physical Science 20*	Physics 30	Math 30-1 or 31	English A30 and B30

*Chemistry is only required for the Marine Engineering program.

The CCG Academy reserves the right to change the admission requirements. The latest updates will be posted online.

APPLY NOW

APPLICATION PROCESS

- When the application process begins, a job notification will be posted. The job notification will provide information relating to the position, such as: Title, essential and asset qualifications, conditions of employment and deadlines. Applications are completed online. To access application information, please visit our website.
- As a high school graduate, you need to provide a high school transcript and any post-secondary transcripts demonstrating that you have achieved the course requirements
- As a current high school student, you need to provide a transcript demonstrating you have completed Grade 11 (Secondary 4) course requirements and proof of enrollment of Grade 12 (Secondary 5) courses. Throughout the school year, you will need to provide a mid-year grade report, end of semester transcript and a final transcript at the end of the school year
- For applicants who are upgrading a course(s), you need to provide proof of enrollment in the required course(s). Throughout your academic semester, you will need to submit a mid-year grade report and final transcript upon course completion

SELECTION PROCESS

- The process begins with the assessment of your academic transcripts against the course requirements. You will only move forward in the selection process if you are enrolled in, or completed the required courses meeting the grade requirement.
- If you are continuing in the process, you will be evaluated on the essential and asset qualifications listed in the job notification. Qualifications may be assessed through a variety of assessment methods.
- Applicants who meet the essential qualifications will be placed in a pool of qualified candidates
- The Academy will select applicants who meet all the requirements for a position in the Officer Training Program specializing in either Marine Navigation or Marine Engineering based on program of choice(s) and available positions.
- Selected candidates will receive a letter of offer.



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