



NAVAL ARCHITECTURE TECHNOLOGIST

Main tasks and responsibilities

The Naval Architecture Technologist is involved in various stages of the construction-related design of different types of floating structures (ships, sailboats, drilling platforms, etc.). He/she helps develop the plans and specifications, assess vessel stability, develop engine room and electrical room layouts in keeping with architectural constraints and prepare the list of materials required for a given project. He/she may also plan and oversee construction and repair work, test the quality of systems installed, estimate costs and perform certain worksite monitoring. He/she may also be involved in project management, sales and marketing.

Academic training or professional development

Candidates must complete a college program in Naval Architecture Technology.

College training allows candidates to study engineering in various Québec universities. Candidates can also specialize in naval architecture or marine engineering, but these university courses are not offered in the province of Québec.

Educational institutions and training centres

The Institut maritime du Québec à Rimouski offers the Naval Architecture Technology program.

Memorial University (Newfoundland, Canada), the University of British Columbia and certain British, Scottish and US universities offer programs in naval architecture and marine engineering.

Career opportunities

- Naval Architecture Technologist (shipyards, architectural design offices, ship owners, pleasure craft manufacturing concerns)
- Marine Expert (self-employed worker, insurance companies)
- Marine Inspector (government agencies, classification societies)
- Self-employment
- Assessor, planner, superintendent, project leader (shipyards, architectural design offices, ship owners, pleasure craft manufacturing concerns)

Essential qualities and interests

- Interest in shipbuilding
- Interest in sciences
- Aptitude for precision work
- Teamwork capabilities

Average annual income: \$35 000 to \$85 000

For more information

www.csmoim.qc.ca
www.navtech.ca

www.imq.qc.ca
www.lesaint-laurent.com

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