Mechanical Design Drafter

At a Glance

You'll be joining a team that works on **real, hands-on projects**, from the design office all the way to the shipyard. This is a **full-time, permanent position (40 hours/week)** with flexible scheduling, group insurance, and a retirement plan.

Your work location is flexible and will be defined together based on the role, projects, and your profile. Navanex operates from more than one location.

Note: Occasional on-site presence (shipyard) is required, depending on project needs.

To apply: Send your résumé to **info@navanex.ca** (and a portfolio, if you have one).

If You Come from Mechanical Drafting, You're in the Right Place

You don't need prior experience in naval architecture to apply. If you have a strong foundation in 3D modeling, detailed drawings, assemblies, and clear technical documentation, that's exactly the skill set we're looking for.

From a soft-skills perspective, we're looking for someone reliable, detail-oriented, curious, comfortable asking questions, and able to work well in a team. We can introduce you to the maritime world—if you have the fundamentals and the right attitude, we'll guide you the rest of the way.

The Navanex Work Environment

We're a small, close-knit team. We work hard, but you're never left on your own.

Things move quickly here: projects evolve, priorities shift, and we adapt together when needed.

We aim for strong performance—the kind where you feel challenged, supported, and genuinely see projects move forward.
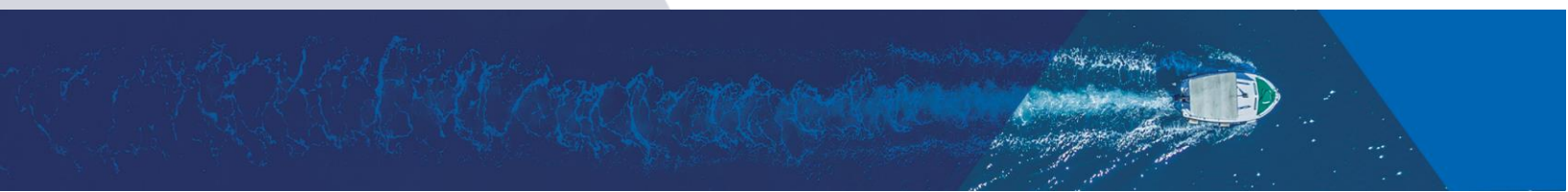
We help each other out, keep things straightforward, and take pride in delivering solid results.

About Navanex

Navanex is a firm specializing in naval architecture and marine engineering.

What sets us apart is our deep understanding of shipyard realities and our end-to-end support. We don't just design—we follow projects through to completion.

Our mission is to simplify naval architecture, design innovative vessels, and provide the maritime community with high-level engineering services

Your Day-to-Day Responsibilities

- Create 3D models of innovative vessels and prepare assembly drawings
- Design all components that make up a vessel
- Produce technical drawings and construction documents with exemplary rigor
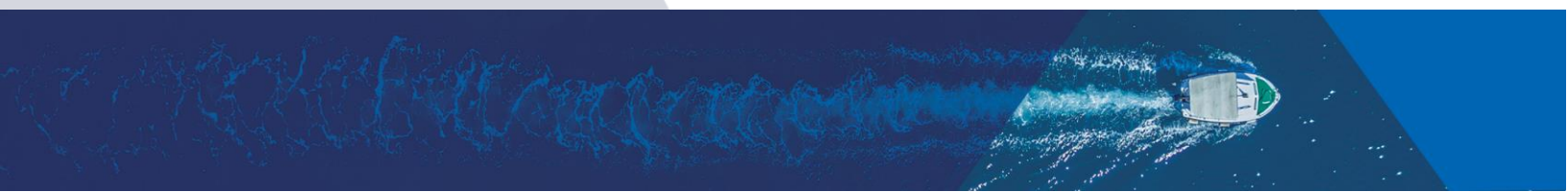- Integrate mechanical systems with creativity and practical ingenuity

Your Profile

- DEP or DEC in Industrial Drafting, Mechanical Engineering Technology, or equivalent training
- 3 to 5 years of experience in mechanical drafting or technical design
- Strong command of design software such as AutoCAD, Inventor, Rhino, or equivalent
- Ability to work in a structured, methodical, autonomous, and rigorous manner
- French and English proficiency: 4/5 (spoken and written)

What Sets You Apart

- Strong ability to manage priorities and meet deadlines
- Clear communicator, comfortable in technical discussions (including with clients when needed)
- Genuine interest in the maritime industry and shipbuilding
- Autonomy, resourcefulness, and flexibility
- Curiosity for new technologies
- Sound judgment, analytical thinking, and strong attention to detail

Working Conditions

- Permanent, full-time position (40 hours/week)
- Competitive salary based on your profile
- Group insurance and retirement plan
- Flexible schedule with the option for part-time remote work

What Does the Hiring Process Look Like?

1. Send us your résumé (portfolio optional). A cover letter is optional—brief notes in your résumé are more than enough.
2. A 15–20 minute introductory call to get to know each other, align expectations, and answer your questions
3. Main interview: a practical, technical discussion about how you work, supported by examples (drawings, models, projects)

Even if your background isn't conventional—apply anyway. The first call is about exploring whether there's a good fit on both sides.

Ready for a New Challenge?

Send your application to info@navanex.ca. You're also welcome to call us if you have any questions or need clarification.

Hubert Simard
Director of Projects, Navanex
info@navanex.ca