

**Jr. Designer**  
**Ontario Science Centre**  
**Job ID #85597**

Join the Ontario Science Centre as we implement a new strategic plan and celebrate our 50th anniversary. As one of Canada's most visited cultural attractions and a world-renowned learning institution, we inspire passion for the human adventure of discovery. The Centre hosts up to a million visitors each year, and offers hands-on experiences and insights into science and technology that help visitors of all ages understand and contribute to the world around us.

Play a key role in supporting the design and development of unique science exhibits for the Ontario Science Centre and for international clients. As a Junior Designer, you will be developing drawings and production details for fabrication and installation of exhibits; drafting exhibition layouts for spaces; and producing three-dimensional designs of exhibits.

What can I expect to do in this role?

You will:

- Prepare detailed designs for use during fabrication using various drawing techniques including specialized software (ex. AutoCAD) in order to allow clients and project team to visualize the final product
- Liaise between Designers, fabricators, project leadership to ensure technical standards (i.e. relevant legislation, building codes and accessibility standards), timely delivery and compliance with drawing standards
- Contribute ideas on types of drawings and production details, design changes, fabrication and installation processes to help convey and communicate scientific phenomena to the general public.
- Plan and execute workflow with team members to ensure projects are completed on time and on budget.
- Develop conceptual renderings for novel exhibit experiences.

Qualifications:

Technical Knowledge & Skills

- You have experience in and knowledge of industrial and/or environmental detail design work and its principles
- You have the ability to receive design development drawings and detail the drawings for fabrication appropriate to the equipment and skills available to the project
- Ability to develop "As-Built" drawings post-production to record the project's development and any deviations from the design plan made during fabrication
- Understanding of appropriate construction techniques for public displays and consideration of robustness, building code and safety with final drawing solution.
- Experience using computer-aided design and drafting software (i.e Sketchup, AutoCAD, Photoshop, Rhino) to draft technical drawings.

#### Attention to Detail and Planning Skills

- Demonstrates attention-to-detail to ensure plans are technically accurate to the outlined specifications and completed and is compatible with project plan.
- Mathematical and financial skills to estimate build/materials requirements and costs
- Planning and coordination skills to organize work processes to meet schedules and project timelines

#### Communication and Interpersonal Skills

- Communication and interpersonal skills to liaise with fabricators, design group and project leaders to make sure that final plans are accurate and meet the intent of the design.
- Demonstrated communication skills to provide documentation, detailed instructions, drawings, or specifications informing others about how devices, parts, equipment, or structures are to be fabricated, constructed, assembled, modified, maintained, or used.
- Ability to collaborate with team members in order to develop drawings for fabrication that are consistent with the overall plan and concept of the exhibit.

**Go to mySucess via Carleton Central, for further information.**

Robin McLaughlin  
Corporate Relations Officer  
Faculty of Engineering and Design/  
Co-op and Career Services  
613-520-2600 x.1868  
613-291-1238  
[LinkedIn](#)