

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 mySuccess via Carleton Central, for further information.

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