

# STUDENT OPPORTUNITY

## Electrical Systems Student

Efficiency Manitoba is Manitoba's newest Crown corporation focused on reducing electricity and natural gas consumption – helping customers save energy, money, and the environment.

We are providing opportunities to students to learn, grow and develop professionally, while contributing Efficiency Manitoba's important work for Manitobans. We are currently recruiting for the position of **Electrical Systems Student**.

## RESPONSIBILITIES

Under the direction of the Lead Electrical Engineer or designate, the student will provide market research and technology evaluation for a variety of energy efficiency programs and initiatives at Efficiency Manitoba including:

- Undertake market research for emerging lighting and lighting control technologies.
- Assist in reviewing technical documentation and performing energy savings calculations of lighting systems and controls.
- Update and/or develop template calculation spreadsheets for analysis of various energy efficient technologies.
- Develop audit checklists and undertake site reviews of installed technologies.
- Conduct research and perform analysis of emerging energy technologies.

## REQUIREMENTS

- Enrolment in a four-year degree from a university of recognized standing majoring in Electrical Engineering
- or
- Enrolment in a related Engineering technology diploma program from an institute of recognized standing.

- General understanding of lighting technology, variable speed pumps, and related controls.
- Familiarity with solar photovoltaic systems and energy storage systems is considered an asset.
- Work experience related to the assigned responsibilities would be an asset.
- Working knowledge of advanced Microsoft Excel functionalities, such as, VBA, macros, pivot tables, and power query is considered an asset.
- A high degree of initiative with the demonstrated ability to work effectively both independently and in a team environment.
- Strong analytical and problem-solving skills, with the ability to recognize, investigate, and analyze information.
- Strong communication and customer service skills, with the ability to establish and maintain effective working relationships, internal and external to the organization.
- Must receive a clear rating on a Personnel Risk Assessment (background check).

Interested & eligible students (those eligible to work in Canada, currently enrolled full-time studies and returning to full-time studies of the Fall, 2023) are encouraged to submit their resume and cover letter detailing their qualifications and suitability to fill this exciting opportunity to [careers@efficiencyMB.ca](mailto:careers@efficiencyMB.ca) by 4:30 p.m. on Thursday March 23<sup>rd</sup>. Applicants are asked to reference the student position title in the subject line of their application email.

Efficiency Manitoba is committed to creating and maintaining a safe, equitable, and inclusive work environment. Women, Indigenous peoples, persons with a disability, and members of visible minorities are encouraged to self-declare in their application. Reasonable accommodations are available to applicants who may experience a barrier arising from a protected characteristic(s) identified in The Manitoba Human Rights Code. We thank all candidates who apply, however, only those selected for an interview will be contacted.

For more information on Efficiency Manitoba including our vision, mission, strategic goals and guiding principles, candidates are encouraged to visit our website at [efficiencyMB.ca](http://efficiencyMB.ca).