



April 4, 2024

CALL FOR SCHOLARSHIP APPLICATIONS

The **IEEE Northern Canada Section** is issuing a Call for Scholarship Applications that are intended to acknowledge exceptional Capstone projects under development in post-secondary institutions headquartered within the Section jurisdiction (Northern Alberta and the three Territories).

To be considered, Capstone projects must be in one or more fields of Technology or Engineering, and be scheduled for completion by the end of the 2024 Winter academic term. Projects may be submitted in one of two categories: undergraduate, and graduate. Prizes of \$150, \$100, and \$50 (for first, second, and third place, respectively) as well as formal recognition (certificate) by the Section will be given to selected projects (one prize per project per category). Winning projects will be selected on the basis of merit at the discretion of an appointed technical committee without the possibility of appeal. The deadline for submitting applications to the **undergraduate** category is April 30th, 2024, and the deadline for submitting applications to the **graduate** category is May 31st, 2024.

Please submit the following material to sbarth@ieee.org by the applicable deadline for consideration:

- A list containing the names of the student(s) composing the project team and faculty advisor(s), where applicable;
- Name and contact information of the institution, department, department chair, and IEEE Student Branch Advisor, if applicable;
- Title the Capstone project;
- A two-page (maximum) abstract of the Capstone project, which must contain the following elements:
 - Area (field) the project belongs to (e.g., electronics, acoustics, systems, etc.);
 - A description of the problem the project is intended to solve;
 - A description of and reasoning behind the chosen methodology;
 - If hardware was created, highlight its fundamental working elements and a describe its functionality;
 - A description of how the proposed project advances the current state-of-the-art;
 - A description of the main findings of the project and how future research could improve upon the project's current contribution(s).
- A file, or a link to a file, containing a ten-minute (maximum) video presentation on the project.

All written submission materials must be prepared in pdf format only.

With this initiative, the Section expects to increase student awareness of IEEE and its activities, as well as to provide an avenue to reduce the financial burden students may face during a Capstone project development.

Eligibility for this scholarship is independent of IEEE membership status. Both domestic and international students may apply. The student's home post-secondary institution must be headquartered within the jurisdiction of the IEEE Northern Canada Section. The winner(s) must collect their prize and certificates in person at one of the Northern Canada Section's events, if the student(s) reside in Edmonton.

Late or incomplete submissions will be deemed ineligible. Please email sbarth@ieee.org should any clarification be needed.