



CAE Scholarships & Awards Guidelines

The Canadian Academy of Engineering (CAE) partnered with the SAE Foundation Canada, Bruce Aubin and the Belfry family in 2017 to offer undergraduate scholarships in transportation and mobility engineering, and an award for university students' outstanding aerospace design.

Since 2022, the CAE has added three Nation-building Scholarships. The Nation Building Scholarships Series has been established by the Canadian Academy of Engineering in recognition of the important role played by engineers in the building of our nation given the social and technical challenges created by the geographical extent of the country, its low population density and its northern climate. The Nation-building Scholarships are funded through the generous donations of Fellows of the Academy.

CAE Awards

William G. Belfry Memorial SAE Award

This scholarship program is sponsored by The Canadian Academy of Engineering and the Society of Automotive Engineers (SAE), through the generous support from friends of the late William G. Belfry. Mr. Belfry was a long-time member, exemplary leader and exceptional engineer within the SAE and its Central Ontario Section. This scholarship was established to honour his passion for life, his leadership skills, and his dedication to the service of others. Applicants will be judged on academic and leadership achievement, essay content, and their intent to pursue a career in mobility engineering. The application must include a recommendation from a previous employer and/or faculty staff member.

CAE Bruce Aubin SAE Aerospace Design Award

This scholarship program is sponsored by The Canadian Academy of Engineering and the Society of Automotive Engineers, through the generous support of Mr. Bruce R. Aubin, ing, FCAE. Mr. Aubin, retired after 40 years of service with Air Canada. He has been widely recognized in the field of Air Transportation for his initiatives and contribution to the operation of commercial aircraft and the safety of flight. In particular, he was instrumental in revising aircraft maintenance procedures which are still used in aircraft certification to-day. He has dedicated over 50 years of service to the advancement of aerospace engineering. Mr. Aubin was extremely active in the SAE, holding leadership positions such as Chair of the SAE Aerospace Program Office, serving as the 1993 SAE President and subsequently President of the SAE Foundation Canada. He was instrumental in establishing the CAE Scholarship program.

** Candidates should have unique and outstanding leadership skills as demonstrated in project teams or other initiatives working on aeronautics projects. They should have an interest in pursuing a career in the aerospace sector.

CAE Nation Building Scholarship Series

Climate Change/Net Zero Scholarship

The Climate Change/Net Zero scholarship has been established specifically to encourage and recognize undergraduate students who showed a special interest in their career path, volunteer activities, work experience and/or community leadership, in helping Canada in 1) its adaptation to climate change by finding ways to reduce its negative effects on population and public infrastructures and/or 2) mitigation of Greenhouse Gas emissions with a long term goal to achieve a net-zero emission profile for the country. Applicants will be judged on academic and leadership achievements, answers provided in the application form and intent to pursue a career that would contribute to the fight against climate change in the areas of adaptation or emissions reduction (mitigation).

Oceans Scholarship

The scholarship for Oceans was established specifically to encourage and recognize undergraduate students who, in addition to having a strong academic background, have a passion for engineering for the oceans and display evidence of volunteer activities, work experience and/or community leadership. Applicants will be judged on academic and leadership achievements, answers provided in the application form and intent to pursue an engineering career that helps improve the stewardship of Canada's ocean resources, in terms of, but not limited to, clean shipping, shipbuilding, renewable ocean energy, remote ocean sensing, improved environmental performance and efficiency of offshore oil and gas operations, seabed mining, coastal zone management, operations in harsh ocean environments, improved aquaculture and fish harvesting technologies, and advanced marine communications and navigation.

Northern Infrastructure Scholarship

The scholarship for Northern Infrastructure was established specifically to encourage and recognize undergraduate students who showed a special interest in their career path, volunteer activities, work experience and/or community leadership, in equipping the North with infrastructure that would open up new opportunities for economic development and make northern communities more livable and sustainable. Applicants will be judged on academic and leadership achievements, answers provided in the application form and intent to pursue a career towards the development of infrastructure in the North.

Student Eligibility Requirements

In addition to specific criteria stated in each of the scholarships/awards above, only students who are Canadian Citizens or permanent residents of Canada and currently enrolled in an engineering degree program that is accredited by the CEAB or, in the case of new programs is seeking CEAB accreditation. CAEB accredits undergraduate engineering programs.

Terms of Scholarship

One \$2,000 grant or honorarium will be awarded in 2025 for each scholarship/award.

How to Apply

[Access the 2025 Application here.](#)

Please ensure that the documents are submitted in the method stated in the application. Any other methods of submission will not be accepted.

Application Deadline: 31 March 2025

Recipients of the scholarships will be notified by the beginning of May 2025.