

Joint Appointment
Engineering Design in the Faculty of Engineering and Applied Science
Queen's University
November 2022

Queen's University is situated on traditional Anishinaabe and Haudenosaunee Territory.

Building on a history of inter-disciplinary engineering education, the Faculty of Engineering and Applied Science, at Queen's University, invites applications for a **Tenure-track teaching-focused faculty position at the rank of Assistant Professor or a Tenured teaching-focused faculty position at the rank of Associate Professor, with a specialization in the fields of engineering design and practice, with a strong focus on engineering education.** The preferred start date for the appointment is July 1, 2023.

Criteria:

A degree in Engineering or Applied Science and a Master's degree in related field to the position is required. A Ph.D. in Engineering or Applied Science or a related field to the position would be an asset. The successful candidate must be able to enhance engineering problem solving, education, design, and practice by incorporating diverse and multidisciplinary perspectives. Experience with industry and/or lived experiences working and interacting with Indigenous communities will be considered an asset. The successful candidate will preferably be able to, or demonstrate the ability and commitment to develop the capability to, incorporate Indigenous perspectives, philosophies, and Ways of Knowing into engineering design.

The main criteria for selection are:

- A minimum of 5 years of experience in engineering design including demonstrated experience mentoring junior engineers and enthusiasm for the teaching of design;
- Strong potential for outstanding teaching contributions at both the undergraduate and graduate levels, and an ongoing commitment to academic and pedagogical excellence. Teaching will make up majority of the appointment, approximately 70% of the position;
- Evidence of successful industrial and/or academic contributions using diverse practices of knowledge, teaching, and design;
- Provide evidence of an ability to work collaboratively in an interdisciplinary and student-centred environment and, if applicable, within Indigenous communities;
- Exhibit strong potential for innovation and/or scholarly work in teaching and learning, or engineering education;
- Professional engineering licensure in Canada, or the eligibility to obtain licensure, is a requirement. Note that all forms of engineering licensure in Canada are considered acceptable (e.g., P.Eng., temporary engineering license, provisional engineering license, etc.). Renewal of this appointment will be contingent on attaining P.Eng. licensure.

Given the inter-disciplinary engineering education and engineering design focus of this position, the appointment will be jointly held between one or more of the Departments of Chemical Engineering, Civil Engineering, Electrical and Computer Engineering, Mechanical and Materials

Engineering, and Mining Engineering based on the experience and background of the identified successful candidate. The successful candidate will be expected to provide effective service contributions to the Faculty, University and broader community. Salary will be commensurate with qualifications and experience.

Prior to May 1, 2022, the University required all students, faculty, staff, and visitors (including contractors) to declare their COVID-19 vaccination status and provide proof that they were fully vaccinated or had an approved accommodation to engage in in-person University activities. These requirements were suspended effective May 1, 2022, but the University may reinstate them at any point.

Your Career with Queen's Engineering

Queen's University is one of Canada's leading research-intensive universities. We are focused on being the quality leader in Canadian higher education and are dedicated to promoting research and scholarship of national and international distinction. The Faculty of Engineering and Applied Science delivers 10 undergraduate programs with over 3000 undergraduate students, and 5 graduate programs with 500 graduate students.

The Faculty is well known for its record of leadership in interdisciplinary engineering education, including being one of the first engineering schools in Canada to establish an Integrated Learning Centre, significant community service learning modules in First Year instruction, an interdisciplinary "design spine" coordinated across all undergraduate programs in the Faculty, and the Technology Engineering and Management course in Chemical Engineering drawing students from engineering, business, arts and science, and law.

Among our top priorities in the Faculty of Engineering and Applied Science is providing opportunities for early career academics to develop exceptional research and teaching contributions while fostering an inclusive environment where all faculty can thrive. To promote on-going teaching success, there is support for course development and delivery provided by [the Queen's Centre for Teaching and Learning](#) and the [Engineering Teaching and Learning Team](#). Queen's Engineering understands that we need to focus on making [Engineering for Everyone](#) and are working toward a more diverse and inclusive community in an effort to make our learning and working environment better, and to advance the practice of engineering. The Faculty strives to make a difference through commitments such as the establishment of [a Chair for Women in Engineering](#) to improve the proportional representation of women in engineering, the new [Engineering Strategic Plan](#), the dynamic outreach programs including [Indigenous Futures in Engineering](#) and [Black Youth in STEM](#).

Queen's historic campus is located in the heart of the vibrant Kingston community in the Thousand Islands region of South Eastern Ontario. Queen's is positioned centrally with respect to three major metropolitan areas: Toronto, Montreal, and Ottawa. Faculty and their dependents are eligible for an extensive benefits package including prescription drug coverage, vision care, dental care, long term disability insurance, life insurance and access to the Employee and Family Assistance Program. You will also participate in a pension plan. Tuition assistance is available for qualifying employees, their spouses and dependent children. Queen's values families and is

pleased to provide a 'top up' to government parental leave benefits for eligible employees on maternity/parental leave. In addition, Queen's provides partial reimbursement for eligible daycare expenses for employees with dependent children in daycare. Details are set out in the Queen's-QUFA Collective Agreement. For more information on employee benefits, see [Queen's Human Resources](#). In addition to Queen's University, the Kingston area is home to the DuPont Canada Research and Development Centre, Bombardier Transportation Transit Systems unit, St. Lawrence College, and the Royal Military College of Canada.

Additional information about Queen's University, which may be of interest to prospective faculty members, can be found at <http://www.queensu.ca/facultyrecruitment>.

The University is situated on the traditional territories of the Haudenosaunee and Anishinaabe, in historic Kingston on the shores of Lake Ontario. Kingston's residents enjoy an outstanding quality of life with a wide range of cultural, recreational, and creative opportunities. Visit [Inclusive Queen's](#) for information on equity, diversity and inclusion resources and initiatives.

The University invites applications from all qualified individuals. Queen's is strongly committed to employment equity, diversity, and inclusion in the workplace and encourages applications from Black, racialized/visible minority and Indigenous/Aboriginal people, women, persons with disabilities, and 2SLGBTQ+ persons. All qualified candidates are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority.

To comply with Federal laws, the University is obliged to gather statistical information about how many applicants for each job vacancy are Canadian citizens / permanent residents of Canada. Applicants need not identify their country of origin or citizenship; however, all applications must include one of the following statements: "I am a Canadian citizen / permanent resident of Canada"; OR, "I am not a Canadian citizen / permanent resident of Canada". Applications that do not include this information will be deemed incomplete.

In addition, the impact of certain circumstances that may legitimately affect a nominee's record of research achievement will be given careful consideration when assessing the nominee's research productivity. Candidates are encouraged to provide any relevant information about their experience and/or career interruptions.

A complete application consists of:

- a cover letter (including one of the two statements regarding Canadian citizenship / permanent resident status specified in the preceding paragraph);
- a current Curriculum Vitae (including a list of publications);
- a statement of teaching interests and experience (including teaching outlines and evaluations if available);
- a statement outlining how Indigenous Knowledges and perspectives in engineering education impacts students' learning;

- a statement of commitment to – as well as ideas and any experience on how to ensure equity, diversity, and inclusivity in scholarly activities;
- a statement of research interests; and
- the names and contact information of three referees.

Applicants are requested to send their application package electronically as a single PDF file to engineering.hr@queensu.ca with the following subject line: Application for Joint Appointment in Engineering Design. The deadline for applications is February 15, 2023; however, applications will continue to be reviewed until the position is filled.

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that considers an applicant's accessibility needs. If you require accommodation during the interview process, please contact engineering.hr@queensu.ca.

Academic staff at Queen's University are governed by a [Collective Agreement](#) between the University and the [Queen's University Faculty Association \(QUFA\)](#), which is posted at <http://queensu.ca/facultyrelations/faculty-librarians-and-archivists/collective-agreement> and at <http://www.qufa.ca>.