



The Edward S. Rogers Sr. Department
of Electrical & Computer Engineering
UNIVERSITY OF TORONTO

The Edward S. Rogers Sr. Department of Electrical and Computer Engineering (ECE) in the Faculty of Applied Science & Engineering at the University of Toronto invites applications for a full-time teaching stream faculty appointment at the rank of Assistant Professor, Teaching Stream, in the area of Electrical and Computer Engineering Design. The appointment will commence on July 1, 2021, or shortly thereafter.

Applicants must have a PhD in Electrical and Computer Engineering, or a related field by the time of appointment or soon after, or a related Masters degree with extensive teaching experience, with a demonstrated record of excellence in teaching. We seek candidates whose teaching interests complement and strengthen our existing departmental strengths, and who have demonstrated skills, knowledge, and experience in engineering design that balance theory and practice. We seek applications from individuals who combine a demonstrated expertise in and passion for electrical and computer engineering design as a distinct discipline – one that has its own scholarship and that integrates knowledge and practices from multiple domains – with a demonstrated excellence in teaching engineering design. These individuals will also be designers in their own right, with demonstrated experience designing solutions in the domain of electrical and computer engineering. Eligibility and willingness to register as a Professional Engineer in Ontario is highly desirable.

Candidates must have the expertise to teach in a degree granting program at the undergraduate program level, including in the development and delivery of undergraduate courses and laboratories, curriculum development, and supervision of undergraduate design projects. Additionally, candidates must possess a demonstrated commitment to excellent pedagogical practices and a demonstrated interest in teaching-related scholarly activity.

Evidence of excellence in teaching and pedagogical inquiry will be demonstrated by previous teaching experience and accomplishments; the teaching dossier submitted as part of the application including a teaching statement describing philosophy, approach, interests, and experience, in all pedagogical settings including classroom, engineering design instruction, laboratory, tutorials, workshop, small group and individual mentorship; awards and accolades; sample course syllabi and materials; and teaching evaluations, as well as strong letters of reference from referees of high standing endorsing excellent teaching and commitment to excellent pedagogical practices and teaching innovation.

Equity, diversity, and inclusion (EDI) are essential to academic excellence and to the success of our department. Evidence of a commitment to EDI must be demonstrated by a statement, submitted with the application, describing views, experiences and/or plans furthering EDI via teaching mentorship, outreach, and/or other activities.

The successful applicant will teach engineering design in multiple courses across all levels of the program, including coordinating the ECE capstone project course (ECE496), and will contribute to the ongoing development of the ECE department's engineering design curriculum. They will collaborate with other ECE instructors to integrate engineering design more broadly across the ECE undergraduate programs. They will also join a core group of design educators to support the development of design curricula across the Faculty.

The successful applicant will take a leadership role in building bridges between ECE and the greater community through capstone projects. They will help create a sustainable framework for bringing in external projects and helping break down problems presented by external clients into suitable capstone projects. They will be working in conjunction with ECE faculty, leveraging their research interests, industry partnerships, and technical expertise. They will be working with a broad range of outside clients, including industry and organizations, the healthcare sector, and alumni. The successful candidate will also help to bridge students to entrepreneurial opportunities potentially through help from, for example, the Hatchery and other UofT incubators. Such efforts will enhance the undergraduate student experience, providing greater opportunities for students to work on projects that have a real impact to benefit Canadian industry and society at large.

Salary will be commensurate with qualifications and experience.

The Faculty of Applied Science and Engineering offers opportunities for collaborative and interdisciplinary research and teaching, and the excitement of working with a diverse student population. Established in 1873, the Faculty of Engineering has earned an international reputation for excellence in education and knowledge creation and is known as a forward-thinking resource to address global concerns. As the economic and intellectual hub of Canada, Toronto provides access to leading policy and decision makers at all levels, and is a vibrant, cosmopolitan and safe city. For more information about the Faculty of Applied Science and Engineering, please visit: engineering.utoronto.ca.

The Edward S. Rogers Sr. Department of Electrical and Computer Engineering at the University of Toronto ranks among the best in North America. It attracts outstanding students, has excellent facilities, and is ideally located in the middle of a vibrant, artistic, diverse and cosmopolitan city. Additional information may be found at <http://www.ece.utoronto.ca>.

All qualified applicants are invited to apply online by clicking the link below. Applicants must submit a cover letter, a current curriculum vitae, a teaching dossier including a summary of previous teaching experience and accomplishments, a teaching statement, sample course syllabi and materials, and teaching evaluations, and an EDI statement.

Applicants must arrange for three letters of reference, including at least one primarily addressing the candidate's teaching, to be **sent directly by the referees** (on letterhead, dated, signed and scanned), by email to the ECE department

at search2020@ece.utoronto.ca. **PLEASE NOTE:** this search is **not** using the University's automatic solicitation and collection functionality for reference letters. Applications without reference letters will not be considered; it is the applicant's responsibility to make sure referees send us their letters while the position remains open.

Applications must be submitted through our online application system. Applications submitted in any other way will not be considered. Submission guidelines can be found at <http://uoft.me/how-to-apply>. If you have any questions about this position, please contact the ECE department at search2020@ece.utoronto.ca.

Review of applications will begin after January 25, 2021, however the position will remain open until March 1, 2021. To be considered, all application materials, including reference letters, must be received by March 1, 2021.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Diversity Statement

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous /Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.

As part of your application, you will be asked to complete a brief Diversity Survey. This survey is voluntary. Any information directly related to you is confidential and cannot be accessed by search committees or human resources staff. Results will be aggregated for institutional planning purposes. For more information, please see <http://uoft.me/UP>.

Accessibility Statement

The University strives to be an equitable and inclusive community, and proactively seeks to increase diversity among its community members. Our values regarding equity and diversity are linked with our unwavering commitment to excellence in the pursuit of our academic mission.

The University is committed to the principles of the Accessibility for Ontarians with Disabilities Act (AODA). As such, we strive to make our recruitment, assessment and selection processes as accessible as possible and provide accommodations as required for applicants with disabilities.

If you require any accommodations at any point during the application and hiring process, please contact uoft.careers@utoronto.ca.