University of Windsor

Vacancy in the Department of Electrical and Computer Engineering

Tenure-Track, Assistant Professor Position in Mechatronics Engineering

Position # 002654TT-2026-ECE

The University of Windsor's Department of Electrical and Computer Engineering (ECE) within the Faculty of Engineering, seeks applications for a tenure-track Assistant Professor in the area of Mechatronic Systems Engineering position commencing July 1, 2026.

This hire aligns with the University of Windsor strategic plan, Aspire: Together for Tomorrow, ratified Spring 2023. The University embraces a people-first philosophy grounded in a culture of academic excellence and deep belonging. Among key strategic priorities are advancing the journey towards truth and reconciliation; building a just, equitable, diverse, and inclusive university; ensuring a high-quality teaching, learning, and student experience; engaging in impactful research, scholarship, and creative activity; fostering a safe, welcoming, and sustainable campus; and engaging in local and global partnerships. The University has already made significant strides on many of these key files, and we are seeking applicants interested in working alongside us to advance them even further. Driven by the University's commitment to anti-racism, the Black Scholars Institute was established in 2023 supported by a historic cohort hiring initiative that has brought thirteen Black scholars to UWindsor across several of our faculties.

In pursuit of the University's commitment to employment equity, members from the designated groups including women, Indigenous Peoples (First Nations, Métis, Inuit), racialized persons/visible minorities, persons with disabilities, and persons of a minority sexual orientation and/or gender identity **are encouraged to apply and to self-identify.**

For an accommodation for any part of the application and hiring process, please notify the **Faculty Recruitment Coordinator (recruit@uwindsor.ca).** Should you require further information on accommodation, please visit the website of the Office of Human Rights, Conflict Resolution and Mediation (http://www.uwindsor.ca/ohrcrm).

Our campus is situated on the traditional territory of the Three Fires Confederacy of First Nations: the Ojibwa, the Odawa, and the Potawatomi. We are making steady progress on the Indigenization of academic programming, an Indigenous Strategic plan, and a cohort hire of Indigenous faculty in 2018-19 followed by additional hiring. Our students mirror the extraordinary cultural richness of our region, one of the most diverse in all of Canada. And we have strong global partnerships and commitments, which are reflected in the increasing number of graduate and undergraduate students we attract from across the world. The University is a signatory to the Scarborough Charter and participates in the Federal 50/30 Challenge.

The University of Windsor is a Canadian public, comprehensive research university enrolling 16,000 students, including 4,000 graduate students. It offers more than 280 academic programs and certificates, including 70 master's and doctoral degrees across its nine faculties: Arts, Humanities, and Social Sciences; Business; Education; Engineering; Graduate Studies; Human Kinetics; Law; Nursing; and Science. It also houses a medical program through the Schulich School of Medicine and Dentistry at Western University. Tenured and tenure-track faculty number about 600.

Position Details:

The Faculty of Engineering, with about 1300 undergraduate and over 800 graduate students, is a thriving program within the University with strong connections to the community and industry. The Faculty of Engineering offers multi-faceted programs that tackle real-world problems, interacts with local industry, and provides its students with ample opportunities for hands-on experience. The Faculty of Engineering has a strong commitment to high quality research and in its $120M home, the Ed Lumley Centre for Engineering Innovation (CEI), offers an excellent environment for teaching and research. For further information about ECE, visit our website at http://www.uwindsor.ca/electrical.

The University of Windsor has a strong commitment to high quality research and offers an excellent research environment. The ECE Department has existing research expertise in VLSI/Microelectronics, signal processing, communication, computer and machine vision, computer engineering, electric vehicles, and control systems. It hosts two Canada Research Chairs in Automotive Sensing and Electric Vehicles. It is expected that the candidate for this position would be able to complement the existing research activities in one or more areas within the Department.

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The successful candidate must have an interdisciplinary interest and, preferably, demonstrate expertise in one or more of the following areas: i) Mechatronic Systems and Devices: smart sensors and actuators; design, modeling, and control of mechatronic systems in ground or aerial vehicular/robotic systems; and ii) Autonomous Systems with interests in one or more application areas of automotive systems, unmanned robotic vehicular systems, and intelligent manufacturing systems.

The ideal candidate will have an undergraduate degree in Electrical Engineering and a Ph.D. degree in Mechatronics Engineering, Electrical Engineering or other related fields with a demonstrated performance or potential for scholarly research, as well as a commitment to undergraduate/graduate teaching. Candidates must demonstrate research, knowledge and practice that is current in the field. Registration or eligibility to register as a Professional Engineer in the Province of Ontario is required. This normally requires an undergraduate degree in Engineering from an accredited/recognized university.

Compensation:

$78,762 - $128,762

This is within the 2026-2027 salary range for the rank as outlined in Article A Table A.1 of the current Collective Agreement with the Windsor University Faculty Association. The compensation offered to the successful candidate will take into consideration their experience, existing salary structure and available budget. A full range of benefits including a pension plan and medical benefits are available to the successful candidate.

Application Requirements

- a letter of application, including a statement confirming eligibility to work in Canada;
- a curriculum vitae;
- a concise statement of research interests with respect to the research areas described above;
- a one-page statement of commitment to Equity, Diversity, Inclusion, Decolonization and Indigenization;
- a teaching dossier or portfolio demonstrating potential for or evidence of teaching effectiveness and excellence that will include sample course syllabi/outlines, teaching evaluations, and a statement of teaching philosophy and interests (resources and templates for completing a teaching dossier can be found at https://www.uwindsor.ca/ctl/502/teaching-dossiers);
- three (3) samples of published research papers; and
- four (4) contacts for references. These referees will be contacted only for shortlisted candidates.

The short-listed candidates may be invited to provide further information in support of their applications. To ensure full consideration, complete an **online application** (http://www.uwindsor.ca/facultypositions) found on the job advertisement by **February 9, 2026**. Applications may be considered after the deadline date; however, acceptance of late submissions is at the discretion of the appointments committee.

All qualified candidates **are encouraged to apply**. Canadians and permanent residents will be given priority. This position is subject to final budgetary approval.

Any questions may be sent to:
Dr. Mohammed Khalid, Acting Head, Electrical & Computer Engineering,
Phone: (519) 253-3000 Ext. 2570, Email: ece@uwindsor.ca