

Tracking Code: 1434-136

Faculty of Engineering and Applied Science

Appointment Type: Tenured/Tenure-Track Assistant Associate Full Professor,
Mechatronics Engineering

Number of Positions: 2

Posting Date: November 2, 2018

Application Review Date: January 15, 2019

The University of Ontario Institute Technology (UOIT), located in Oshawa, Ontario, advances the discovery and application of knowledge through a technology-enriched learning environment and innovative programs responsive to the needs of students, and the evolving 21st-century workplace. UOIT promotes social engagement, fosters critical thinking, and integrates outcomes-based learning experiences inside and outside the classroom. We invite you to consider joining UOIT's globally trained faculty as we further our reputation for providing a leading-edge learning environment and delivering innovative research.

The Department of Automotive, Mechanical and Manufacturing Engineering invites applications, from qualified individuals, for two tenure-track or tenured positions at the level of Assistant or Associate Professor in the area of Mechatronics Engineering, with preferred research expertise in one of the following areas: sensor and embedded systems; autonomous systems with a focus on autonomous vehicles; artificial intelligence with applications in mechatronic systems; or collaborative robotics. These positions are subject to budgetary approval, and would start on **July 1, 2019** or as soon as they are filled.

The successful candidates will be expected to conduct active and innovative research programs and to teach at the undergraduate and graduate levels. In keeping with a technology-enhanced learning environment utilizing laptop computers and wireless technology, UOIT seeks faculty who strive to explore and develop new pedagogies. Applicants should possess a Ph.D. in the area of Mechatronics Engineering or a related field; a strong academic background; an established record of excellence in innovative and experimental research leading to peer assessed publications; and be registered, or eligible for and committed to registration, as a Professional Engineer in Ontario. Candidates must also demonstrate strong potential for outstanding teaching contributions. In addition, candidates should possess excellent English language skills demonstrating an ability to ensure strong, two-way communications on an ongoing basis that contribute to collaborative/collegial relationships with faculty, staff, students, and the community at large.

The successful candidates will be expected to follow a 40% research, 40% teaching and 20% service workload each year.

The Department of Automotive, Mechanical and Manufacturing Engineering (AMME) offers a stand-alone honours undergraduate degree in Mechatronics Engineering, in addition to honours undergraduate degrees in Automotive Engineering, Mechanical Engineering, Mechanical Engineering with Energy specialization, and Manufacturing Engineering. Also offered are degrees in Engineering and Management for each of these programs. The Department offers Master's (MAsc and MEng) and PhD programs in Mechanical Engineering (with various specializations), Automotive Engineering (MAsc, MEng), and a graduate program (MEng) in Engineering Management. The Department is committed to excellence and innovation in interdisciplinary teaching and research, which is relevant to the needs of society and our surroundings. The Department promotes these ideals by emphasizing the integration of knowledge and technology to provide learning and research opportunities for students. Further details can be found at: <http://engineering.uoit.ca>.

These positions fall within the bargaining unit represented by the UOIT Faculty Association and will be subject to the terms and conditions of the collective agreement between the University and the UOIT Faculty Association. The [collective agreement](#) may be found on the Human Resources section of our website. Starting salary will be commensurate with experience and annual salary increases are administered as per the terms outlined in the tenured and tenure track collective agreement.

Review of applications will begin on January 15, 2019 or until suitable candidates are found. Applicants should submit in electronic format (**as a single pdf file**), a covering letter; a curriculum vitae including a list of publications; a statement of teaching interests/experience; an outline of their present research program; a brief future research plan; and the names of three referees through the UOIT website.

UOIT is an equal opportunity employer and welcomes applications from qualified women and men, including members of visible minorities, Indigenous peoples and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Job Location

Oshawa, Ontario, Canada

Expected End Date

N/A

Expected Start Date

7/1/2019

Campus Travel

N/A

Salary Grade

Administered in accordance with the Collective Agreement

<https://universityofontarioit-openhire.silkroad.com/epostings/index.cfm?fuseaction=app.jobinfo&id=23&jobid=1434&compa>

[ny_id=30136&version=1&source=ONLINE&JobOwner=992722&level=levelid2&levelid2=36332&startflag=3](#)