

**Faculty of Engineering and Applied Science - Assistant or Associate Professor: Solid Mechanics and Material Deformation****Tracking Code**

807-136

**Job Description****Appointment Type:** Assistant or Associate Professor, Solid Mechanics and Material Deformation**Salary Level:** Administered in accordance with collective agreement**Appointment Type:** Full time Continuing**Posting Date:** May 3, 2017**Application Review Date:** June 1, 2017

The University of Ontario Institute of 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 a tenure-track or tenured position in Mechanical Engineering, with a preferred area of with a preferred area of solid mechanics with emphasis on: mechanics of materials, stress analysis, material deformation, and surface quality and integrity, at the Assistant or Associate Professor level. This position is subject to budgetary approval, and would start on July 1, 2017 or as soon as filled.**

The successful candidate 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 Mechanical Engineering; a strong academic background; an established record of excellence in innovative and scholarly research leading to peer assessed publications; and be registered, or eligible for and committed to registration, as a Professional Engineer in Ontario.** Related industrial experience would be considered an asset. 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 candidate 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 honours undergraduate degrees in Automotive Engineering, Mechanical Engineering, Mechanical Engineering with Energy option, Mechatronics Engineering, and Manufacturing Engineering. Also offered are degrees in

Engineering and Management for each of these programs. The Department also 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>.

This position falls 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 as soon as they are received and will continue until a suitable candidate is 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 link at the bottom of this posting.

UOIT is an equal opportunity employer and welcomes applications from qualified candidates, including women, members of visible minorities, Aboriginal peoples and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. UOIT respects people's different needs and therefore will take all reasonable steps to ensure accommodation for applicants where appropriate. If you require an accommodation to participate in the recruitment process, please notify the Human Resources Department.

**Job Location**

Oshawa, Ontario, Canada

**Expected End Date**

N/A

**Expected Start Date**

7/1/2017

**Campus Travel**

N/A

**Salary Grade**

Administered in accordance with the Collective Agreement

[http://hr.uoit.ca/working\\_at\\_uoit/careers/career-opportunities.php](http://hr.uoit.ca/working_at_uoit/careers/career-opportunities.php)