**Job Description:**
Sessional Lecturer – MIE344H1: Ergonomic Design of Information Systems

**Department:**
Mechanical & Industrial Engineering

**Course number and title:** MIE344H1: Ergonomic Design of Information Systems

**Course description:** The goal of this course is to provide an understanding of how humans and machines can be integrated with information systems. The focus will be on the design of human-machine interfaces, and on the analysis of the impact of computers on people. The course will also include coverage of usability engineering and rapid prototyping design, analysis of user mental models and their compatibility with design models, and quantitative modelling of human-computer interaction.

**Estimated course enrolment:** 44

**Estimated TA support:** TBD

**Class schedule:** TBD

**Sessional dates of appointment:** September 2018 – December 2018

**Salary:** as of January 1, 2018 is $7,596.15 (per half course excludes vacation pay). Please note that should rates stipulated in the collective agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail.

**Minimum qualifications:** Applicants should have a strong record of presenting lectures or acting as a teaching assistant. Applicants must be able to demonstrate considerable depth of knowledge and experience in the subject area. The applicant must be able to lecture in a clear voice, and explain concepts clearly. Please note that applicants should have excellent communication skills in English - both oral and written work. Professional Engineer (P.Eng.) license or Engineering Intern (EIT) registration required. Successful candidate will be reimbursed for the EIT registration fee.

**Description of duties:** preparation of lectures and course materials; delivery of lectures; supervision of Teaching Assistants; setting and marking of tests and exams; evaluation of final grades; contact with students.

**Application instructions:** See course instructor job postings on the department website at [https://www.mie.utoronto.ca/about-mie/careers/](https://www.mie.utoronto.ca/about-mie/careers/) if interested, submit a Course Instructor Application Form, Resume and Teaching Dossier to the MIE Undergraduate Office (MC109) or by email to ugservices@mie.utoronto.ca. If during the application and/or selection process you require accommodation due to a disability, please contact Carla Baptista/ugservices@mie.utoronto.ca. Applicants are required to fill up an application form, which can be picked up from and returned to: Mechanical Engineering Building, Room 109 or by emailing ugservices@mie.utoronto.ca by May 24, 2018. Applicants must include full contact information of their supervisor, plus two U of T employees (faculty of staff) who can testify to the teaching skills of the applicant. The appointment will be made at the earliest possible time before the commencement of classes by the Associate Chair (Undergraduate) of the Department of Mechanical and Industrial Engineering. No other offers or notices of the outcome of applications are authorized by the Department. Final availability of the position is contingent upon final course determination, enrolment, budgetary considerations, and the final determination of assignments flowing from Article 14:03 of the Collective Agreement.

This job is posted in accordance with the CUPE 3902 – Unit 3 Collective Agreement.