

**DEPARTMENT OF MECHANICAL AND INDUSTRIAL ENGINEERING**  
**Faculty of Applied Science and Engineering**  
**University of Toronto**

**Emergency Job Posting for the 2017/2018 Session**

**This job is posted in accordance with the CUPE 3902 – Unit 1 Collective Agreement**

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This posting is a **50% FTE (part-time) appointment** for a Course Instructor position for **MIE1415H: Analysis and Design of Cognitive Work** to be taught in the **Winter Term 2018**. It will be co-taught with another Course Instructor. The expected enrolment for this course is approximately 25 students. The course will be presented via one three-hour lecture per week. Duties include: preparation of lectures and course materials; delivery of lectures; possible supervision of Teaching Assistants; setting and marking of projects, tests and exams; evaluation of final grades; contact with students.

**MIE1415H: Analysis and Design of Cognitive Work:**

Frameworks, tools and methods for the analysis and design of cognitive work. The course will emphasize computer-based work in production- and/or safety-critical systems. Primary frameworks include Cognitive Work Analysis and Ecological Interface Design, with consideration of complementary perspectives in Cognitive Systems Engineering. The design element will emphasize the human-machine interface.

- The date of appointment will be from January 2018 through April 2018.
- Minimum level of pay is **\$3,692.56** (co-teach half-course), which includes vacation pay, and may increase depending on applicant's level of experience and suitability for the position.
- Qualifications required: Candidates must be currently pursuing their PhD studies in the area of Human Factors; has completed both MIE1407 (Engineering Psychology & Human Performance) and MIE1415 (Analysis and Design of Cognitive Work) previously with at least the grade of A.
- Applicants are required to fill out an application form and return it along with a teaching dossier, listing their teaching qualifications for this position to **Room MC 108 by Wednesday, October 25, 2017**. Applicants must include full contact information of their supervisor, plus two U of T employees (faculty or 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 (Graduate) 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.
- Please note that applicants should have excellent communication skills in English - both oral and written work.

CUPE 3902 Unit 1 Collective Agreement is available at

<http://www.cupe3902.org/wp-content/uploads/2016/10/Final-Draft-CUPE-3902-Unit-1-Agreement-2014-17.pdf>

*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.*

*This job is posted in accordance with the CUPE 3902 Unit 1 Collective Agreement. The position(s) posted above is (are) tentative, pending final course determinations and enrolments.*

*The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, and persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.*