

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

Emergency Job Posting for the 2017 Session

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

This posting is for a Course Lecturer for **MIE1123H: Fundamentals of Combustion**, to be taught in the **Winter Term 2017**. The expected enrolment for this course is approximately 30 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.

MIE1123H: Fundamentals of Combustion:

This course will deal with the basic theory of combustion in the steady state, with consideration of theories of flame propagation, flame stabilization, limits of inflammability, ignition, quenching, etc., and discussion will include both laminar and premixed flames, diffusion flames, flames and detonation.

- The date of appointment will be from January through April 2017.
- Minimum level of pay is \$7260 (half-course), which includes vacation pay, and may increase depending on applicant's level of experience and suitability for the position.
- Qualifications required: Applicants must expect to be receive their PhD degree by August 2017. 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.
- 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 david@mie.utoronto.ca by **Monday, January 09, 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://cupe3902.org/wp-content/uploads/2011/05/Unit-1-CA-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.

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.