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

EMERGENCY POSTING
Job Posting for the 2017/2018 Session

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

Position: Sessional Lecturer I / II

Course title and code: MIE1721H: Reliability

Course description: The goal of this course is to familiarize students with computational quantitative techniques that are used in finance and risk management. Simulation and optimization are among the most important quantitative tools, which allow one to model and to optimize financial portfolios taking into account uncertainty in future asset values. A number of financial and risk management applications are described in detail. Matlab is used for illustrating the computations as well as for developing a software package during the course project. Practical aspects of risk modeling, which are used by industry practitioners, are emphasized.

Estimated Enrolment: Approximately 30 students **Estimated TA support**: TBA

Class schedule: one three-hour lecture per week; timetable to be determined.

Sessional date of appointment: WINTER Session, January-April 2018.

Salary: Minimum level of pay is $7,359.07 (Sessional Lecturer I) and $7,823.85 (Sessional Lecturer II), which includes vacation pay, and may increase depending on applicant's level of experience and suitability for the position.

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**: Undergraduate or graduate students and postdoctoral fellows of the University of Toronto are covered by the CUPE 3902 **Unit 1** collective agreement rather than the Unit 3 collective agreement, and should not apply for positions posted under the Unit 3 collective agreement.*

Brief description of duties: 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.

To indicate interest in this position, please send an updated CV and a completed application form, download from http://dlrssywz8ozqw.cloudfront.net/wp-content/uploads/sites/26/2016/04/Employment-CUPE-3902-Unit-3-Application-Form-June-2012b.pdf

To: Associate Chair (Graduate), Department of Mechanical and Industrial Engineering, University of Toronto
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If sending by e-mail, please send as an attachment. **Closing date: Friday, August 11, 2017 by 4:00 p.m.**

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.