

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

Emergency 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; One Section

Course title and code: MIE469H1S – Reliability and Maintainability Engineering

Course Description: An introduction to the life-cycle costing concept for equipment acquisition, operation, and replacement decision-making. Designing for reliability and determination of optimal maintenance and replacement policies for both capital equipment and components. Topics include: identification of an items failure distribution and reliability function, reliability of series, parallel, and redundant systems design configurations, time-to-repair and maintainability function, age and block replacement policies for components, the economic life model for capital equipment, provisioning of spare parts.

Estimated Enrolment: 85

Estimated TA support: TBD

Projected schedule:

Lec 0101	WEDNESDAY 12:00-14:00 TUESDAY 14:00-15:00	GB 120 BA 1210	85
Tut 0101	THURSDAY 15:00-17:00	RS 211	85

Sessional date of appointment: Winter Semester, January through April 2018

Salary: Minimum level of pay is \$7,359.07 (Sessional Lecturer I) and \$7,823.85 (Sessional Lecturer II), 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. A license to practice engineering in Canada is preferred.

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; supervision of Teaching Assistants; setting and marking of 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 to:

Associate Chair (Undergraduate), Department of Mechanical and Industrial Engineering,
ugservices@mie.utoronto.ca

University of Toronto

5 King's College Road, Toronto, Ontario M5S 3G8

Closing date: July 19, 2017 (Emergency Posting)