

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: MIE360H1F – Systems Modelling and Simulation

Course Description: Principles for developing, testing and using discrete event simulation models for system performance improvement. Simulation languages, generating random variables, verifying and validating simulation models. Statistical methods for analyzing simulation model outputs, and comparing alternative system designs. Fitting input distributions, including goodness of fit tests. Role of optimization in simulation studies.

Estimated Enrolment: 127

Estimated TA support: TBD

Projected schedule:

Lec 0101	WEDNESDAY 14:00-15:00 FRIDAY 13:00-14:00 TUESDAY 13:00-14:00	SF 1105 SF 1105 SF 1105	127
Pra 0101	MONDAY 15:00-17:00	RS 303	43
Pra 0102	WEDNESDAY 12:00-14:00	RS 303	43
Pra 0103	TUESDAY 16:00-18:00	RS 303	43
Tut 0101	THURSDAY 10:00-11:00	GB 304	65
Tut 0102	MONDAY 13:00-14:00	RS 303	65

Sessional date of appointment: Fall semester; September through December 2017

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)