

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

Job Posting for the 2008/2009 Session

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

Position: Sessional Lecturer I / II

Course title and code: MIE449H1 S: Human Computer Interface Design for Complex Systems

Course description: This course will focus primarily, but not exclusively, on how to design computer-based interfaces for complex human-machine systems, such as power plants. An ecological approach will be adopted, pointing to the importance of understanding the structure of the work environment and then trying to present that information in a way that takes advantage of human perceptual systems. Various design techniques for enhancing the informativeness of interfaces will be discussed within the context of several design applications.

Estimated Enrolment: Approximately 40.

Estimated TA support: 2 hours per week (tentative)

Class schedule:

Lectures: 2 hours/week; timetable to be determined.

Lab: 3 hours/week; timetable to be determined.

Sessional date of appointment: Winter session, January – April, 2009.

Salary: Minimum level of pay is \$6,500 (Sessional Lecturer I) and \$7,000 (Sessional Lecturer II), and may increase depending on applicant's level of experience and suitability for the position.

Qualifications: A university degree in economics, commerce, management business administration, or a related field. Substantial teaching experience with large classes in a university setting would be a strong asset. Experience with teaching economic analysis to engineers would be a strong asset.

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: Full responsibility for designing and delivering lectures, in accordance with the posted course description. Direction of Teaching Assistants, and ultimate responsibility for the laboratories. Setting of all tests, examination, and other methods of student evaluation as appropriate. Available to students through regular office hours. Ultimate responsibility for submission of final grades to the Registrar's Office. Grading of final examinations, and ultimate responsibility for the grading of all other means of student evaluation.

To indicate interest in this position, please send an updated CV and a completed application form (download from <http://www.hrandedquity.utoronto.ca/groups/union/cupe3902u3.htm>) to:

Chair, Department of Mechanical and Industrial Engineering
University of Toronto
5 King's College Road, Toronto, Ontario M5S 3G8
e-mail: chair@mie.utoronto.ca

If sending by e-mail, please send as an attachment.

Closing date: June 20, 2008