

**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:** APS106H1 S: Fundamentals of Computer Programming (One section)

**Course description:** An introduction to computer systems and software. Topics include the representation of information, algorithms, programming languages, operating systems and software engineering. Emphasis is on the design of algorithms and their implementation in software. Students will develop a competency in the C programming language and will be introduced to the C++ programming language. Laboratory exercises will explore the concepts of both Structure-based and Object-Oriented programming using examples drawn from mathematics and engineering applications.

**Estimated Enrolment:** Approximately 140.

**Estimated TA support:** TBA

**Class schedule:**

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

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

Tutorial: 1 hour/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 engineering. Substantial teaching experience with large classes in a university setting would be a strong asset. Experience with teaching computer programming 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:** Under the general supervision of, and in cooperation with, the course coordinator, duties include preparation of lectures, laboratories and course materials; delivering lectures and overseeing the laboratory; setting and marking of tests, assignments 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://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](mailto:chair@mie.utoronto.ca)

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

**Closing date: June 20, 2008**