

Department of Materials Science and Engineering, University of Toronto

Position: Sessional Lecturer I/II

Course Title and Code: MSE504H1 F: Extractive Metallurgy

Course Description: Technologies and unit operations used in the production of light metals, non-ferrous and ferrous metals will be presented and analyzed. Emphasis will be placed on analyzing overall flow-sheets used by selected companies for the purpose of determining how overall process efficiency can be improved and the environmental impact reduced. Methods and technologies used for metals recycling will also be discussed. Examples will be given from the steel, copper, nickel, zinc, aluminum and magnesium industries. The students will be exposed to a series of actual industrial case studies.

Estimated Enrolment: 14

Estimated TA support: 42 TA Hours

Class schedule: Lectures: 3 hours/week; Monday 1-2 p.m.; Tuesday 2-3 p.m.; Thursday 1-2 p.m.
Tutorial: 2 hours/week; Wednesday 2-4 p.m.

Sessional date of appointment: Fall session, September-December 2014

Salary: Minimum level of pay is \$7,125 (Sessional Lecturer I) and \$7,260 (Sessional Lecturer II), and may increase depending on applicant's level of experience and suitability for the position.

Qualifications: A Ph.D. in Materials Science and Engineering, or a closely related field is essential. Experience lecturing and/or coordinating laboratories at the university level are preferred.

Please note: Undergraduate or graduate students and postdoctoral fellows of the University of Toronto are covered by the CUPE 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:

The Department of Materials Science and Engineering requires a lecturer to teach MSE504H1 F (Extractive Metallurgy) during the Fall 2014 semester. The successful applicant will be responsible for effectively delivering the course with all of the attendant organizational issues of lecture preparation and delivery, setting, supervision and marking of exams, final course marks, course evaluations, and so forth.

To indicate interest in this position, please send an updated CV and completed application form electronically from:

<http://www.hrandequity.utoronto.ca/Assets/HR+Digital+Assets/HR+Forms/Recruitment+26+Selection/CUPE+3902+Unit+3+Application+Form.pdf>

or WORD format

<http://www.hrandequity.utoronto.ca/Assets/HR+Digital+Assets/HR+Forms/Recruitment+26+Selection/application-for-employment-5bCUPE+3902+Unit+35d.rtf>

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Closing date: Thursday August 7, 2014

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