

Department of Materials Science and Engineering –Emergency Posting

Position: Sessional Lecturer I/II

Course Title and Code: MIN 225H1 F: Introduction to the Resource Industries

Course Description: This course introduces the global resource industries in three parts. In Module 1, students learn about mineral resources in the economy, the origin of ore deposits, mineral exploration and processing techniques, land ownership and environmental issues. Engineering applications are emphasized. Exploration and development topics are investigated. Module 2 presents an introduction to modern mining engineering. The basics of both surface (open pit) and sub-surface mining is covered. Module 3 presents an introduction on the processing of mineral resources into metals. The course helps to develop communication skills through student presentations on current issues in the industry and through training in technical communications by faculty from the Engineering Communications Program. Training for AutoCad and an extensive communications module are provided in the laboratory section. Students will participate in a field trip to an operating mine. *Only students enrolled in the Lassonde Mineral Engineering program are eligible to participate in the 2nd year field trip.

Estimated Enrolment: 10

Estimated TA support: none

Class schedule: TBD

Sessional date of appointment: Fall Session, September-December 2020

Salary: Minimum level of pay is \$8,489.65 (Sessional Lecturer I) and \$9,085.58 (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 MIN 225H1 F: Introduction to the Resource Industries during the Fall 2020-2021 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 download from <http://dlrssyvwz8ozqw.cloudfront.net/wp-content/uploads/sites/27/2016/04/19-Unit-3-Application-Format.doc>.

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Posting Date: Friday May 8, 2020

Closing date: Tuesday May 12, 2020

“This notice is posted in accordance with the CUPE 3902 Unit 3 Collective Agreement.” “Preference in hiring is given to qualified individuals advanced to rank of Sessional Lecturer II and Sessional Lecturer III in accordance with Article 14:12.” It is understood that some announcements of vacancies are tentative pending final course determination and enrolment.