

Department of Materials Science and Engineering

Position: Sessional Lecturer I/II

Course Title and Code: MSE 1022 HS: Special Topics in Materials Science 1: Materials Issues & Applications of Advanced Materials in Nuclear Systems.

Course Description: This course describes nuclear reactor structural materials including their manufacture, structure-property requirements, degradation mechanisms (e.g. fretting wear, creep, corrosion), structural integrity of major components, with an introduction to fitness-for-service and leak-before-break concepts.

Estimated Enrolment: 15

Estimated TA support: None

Class schedule: Lectures: 2 hours/week; Monday 5-7 p.m.

Sessional date of appointment: Winter Session, January-April 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: 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 MSE 1022 HS-Special Topics in Materials Science I: Materials Issues and Application of Advanced Materials in Nuclear Systems during the Winter 2016-2017 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://www.hrandequity.utoronto.ca/forms.htm> by selecting Recruitment and Selection to:

Fanny Strumas-Manousos
Manager of Administration
Department of Materials Science and Engineering
184 College Street, Room 140, Toronto, Ontario, M5S 3E4
strumas@ecf.utoronto.ca

Closing date: December 20, 2016

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