

**Department of Materials Science and Engineering, University of Toronto**  
**Job Posting - Course Instructor Position**  
**Winter Term 2015-2016 (January-April)**

The Department of Materials Science and Engineering seeks a Course Instructor for the following course:

**Posting Date:** Friday October 30, 2015

**Closing Date:** Friday November 20, 2015

Number of positions available: 1

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**Course Title: MSE352H1 F – Biomaterials and Biocompatibility**

**Dates of Appointment:** January 4, 2016 to April 30, 2016

**Course Description:** This course presents an introduction to the field of biomaterials, covering also the relevant basics in materials science and biology. Topics include the physical and chemical principles of materials science, structure-property relations, biomaterials processing and degradation. Cell/tissue biomaterials interactions will be discussed as determinants of biocompatibility.

**Description of the duties:** The Department of Materials Science and Engineering requires an instructor to teach and coordinate MSE 352H1 F (Biomaterials and Biocompatibility) during the Winter 2015-2016 semester. The successful applicant will be responsible for effectively delivering the course with all of the attendant organizational issues of lecture preparation and delivery, supervision of teaching assistants, setting, supervision and marking of exams, final course marks, course evaluations, and so forth.

**Qualifications:** The applicant should have an in-depth knowledge of materials science and their application to problems in biology and medicine, processing and fabrication issues of biomaterials, and factors leading to their degradation. In addition, an advanced understanding of host response to biomaterials presence is also required. We are seeking previous experience in teaching, teaching excellence, and mastery of subject area. Prior experience teaching a similar university-level course is preferred.

**Estimated Course Enrolment:** 35 students

**Estimate of TA Support:** 1 lab TA (50 hours)

**Rate of Pay:** \$7,221.72 (including vacation pay)

Please note that should rates stipulated in the collective agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail.

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Applicants should submit a cover letter and C.V. (including previous teaching evaluations, if applicable) electronically to:

Fanny Strumas-Manousos, Manager of Administration  
Department of Materials Science and Engineering, University of Toronto  
strumas@ecf.utoronto.ca

No late applications can be considered.

**NOTES:**

1. Department Standards and Policies are available in the Department office and in the CUPE, Local 3902 office.
2. The position(s) posted above is (are) tentative, pending final course determinations and enrolments.

This job is posted in accordance with the CUPE 3902 Unit 1 Collective Agreement.

Although a graduate student's preference as to the campus location of his/her TA appointment will be taken into account, both the initial TA appointment (or CI appointment) and the subsequent appointment obligation related to that appointment may be met through position(s) on any one of the three University of Toronto campuses (UTM, UTSC or St. George) in courses in the same discipline as the initial appointment. TAs will only be assigned to courses in fields in which they are or should be qualified to assist.