



UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING

Faculty of Applied Science and Engineering
University of Toronto

Job Posting for the 2015 Fall Session

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

Application Deadline: Tuesday, July 28, 2015

Position: Sessional Lecturer I (1 position available)

Course title and code: Infrastructure Protection APS1025H

Course description: A fully integrated protection scheme is necessary to efficiently implement an Infrastructure Resilience Plan to assure operational survival following a catastrophic event. Building on the first principles of security integration and fortifications practice, illustrated with case studies through history, the students explore site security surveys, different tools, mitigation methods and models in common use and the assumptions and technology behind them in order to make informed decisions on how to approach and solve an infrastructure protection problem for the full range of event types. This is then practised in partnership with industry, analysing real security integration issues for real clients, to whom the students will present their protection schemes.

Estimated Enrolment: Approximately 25 students

Estimated TA support: TBA

Class schedule: Online Course; a total of 30 hours of teaching time over a period of 12 weeks; timetable to be determined

Sessional date of appointment: Winter Session, January – April 2016.

Salary: Minimum level of pay is \$7,125, which includes vacation pay, and may increase depending on applicant's level of experience and suitability for the position.

Qualifications: Applicants must have extensive knowledge of the role of infrastructure, strategy, and the evolution and purpose of protection. The applicant must have a strong understanding of the importance of integration and coordination of the initiatives in sustainability, security and protection. The applicant must also have an understanding of the importance of balance between protection and resilience, as it relates to the effective protection of the operation that the infrastructure facilitates. Additionally, the applicant must have experience with the implementation of a Resilience Plan, the associated Security Integration Scheme, and analyzing the broader risk context. The applicant must be familiar with using a first principles approach and the various survey and integration tools. Applicants should have a strong record of presenting lectures. The applicant must be able to lecture in a clear voice, and explain concepts clearly.

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: Duties include: preparation of lectures and course materials; delivery of lectures; possible supervision of Teaching Assistants; setting and marking of projects, tests 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, that can be downloaded [here](#).

Posting Date: Friday, July 3, 2015

Please submit applications as an attachment to an email, to:
Markus Bussmann, Vice-Dean, Graduate, Faculty of Applied Science and Engineering, University of Toronto
44 St. George Street, Toronto, Ontario M5S 2E4
Email: bussmann@mie.utoronto.ca

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.

*Please note that the above course/position is tentative, pending final course determination and enrolments.
The Faculty's hiring policy is available in the Faculty office and at the CUPE, Local 3902 office.*

Preference in hiring is given to qualified individuals advanced to the rank of Sessional Lecturer II or Sessional Lecturer III in accordance with Article 14:12.

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