



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:** Wednesday, June 10, 2015

**Position:** Sessional Lecturer I (1 position available – with approximately 90% course load)

**Course title and code:** Infrastructure Planning APS1031H

**Course description:** This course is a guided exploration of infrastructure planning through a fundamental understanding of first principles and discussion about their application to various aspects of the discipline. This will include strategic planning, cost, finance, risk, resilience, design and the different applications from facilities to utilities, disaster relief and policy development. Guest presentations by recognized subject matter experts round out the practical appreciation with case studies. The course is accessible to undergraduates, while providing an essentially post-graduate perspective. Given the enormity of this field, detailed exploration of any of the lecture topics is not possible. Instead, students will be encouraged to read further into the topics of interest and directed to existing courses that explore the topic in greater detail.

**Estimated Enrolment:** Approximately 50 students

**Estimated TA support:** TBA

**Class schedule:** one three-hour lecture per week; timetable to be determined

**Sessional date of appointment:** Fall Session, September - December 2015.

**Salary:** Minimum level of pay is \$6,412, which includes vacation pay, and may increase depending on applicant's level of experience and suitability for the position (this minimum stipend corresponds to the percentage of the position).

**Qualifications:** Applicants must have extensive experience in the area of strategic planning of infrastructure, including the various areas of specialization and application. Applicants must also have strong knowledge of the concepts and tools used for infrastructure planning, as well as an understanding of the related costs and risks to planning, and how to manage the financing and design process to most efficiently realize the end state. The applicant must have knowledge of and the ability to explain the importance of resilience and how it is built into infrastructure plans. Applicants should have a strong record of presenting lectures and the ability to effectively translate this skill into an online format. 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: Tuesday, May 19, 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](mailto: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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