The Civil & Mineral Engineering Department seeks one Sessional Instructor for the following course:

**CME263H1S  Probability Theory for Civil and Mineral Engineers**

Probability theory as the study of random phenomena in Civil and Mineral Engineering systems, including the definition of probability, conditional probability, Bayes' theorem in discrete and continuous sample spaces. Common single and multivariate distributions. Mathematical expectation including mean and variance. Independence. An introduction to realizations of probability models and parameter estimation.

**Qualifications**
A postgraduate degree in engineering is required. Previous teaching experience preferred.

**Duties**
- Developing syllabus
- Delivering three hours of lectures per week for the Winter 2020 term
- Providing scheduled office hours for academic counselling of students
- Setting assignments, midterms, and final exams
- Supervising teaching assistants
- Attending tutorials
- Grading final examination papers

**Estimate of TA Support:** TBD  
**Estimated Course Enrolment:** 90 students

**Rate of Pay:** $12,000 (includes vacation pay)

Final availability of the position is contingent upon enrolment, budgetary consideration and the determination of appointments as governed by the collective agreement.

**Application Process**
Applicants should submit a cover letter, C.V. (including previous teaching evaluations (if applicable)), by October 31, 2019. Applications should be sent to:

**Professor Brent Sleep**  
Chair, Department of Civil & Mineral Engineering  
University of Toronto  
35 St. George St., Toronto, Ontario M5S 1A4  
E-Mail: chair.civil@utoronto.ca

Please note: Undergraduate or graduate students and postdoctoral fellows of the University of Toronto are covered by 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.

If during the application and/or selection process you require accommodation due to a disability, please contact chair.civil@utoronto.ca

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.

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

Posted on October 21, 2019