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

**CIV1319H1F  Chemistry and Analysis of Water and Wastes**
This course deals with the major chemical processes occurring in aqueous environments, in both natural systems and treatment systems. The topics covered include: chemical thermodynamics and kinetics; acid/base chemistry; quantitative equilibrium calculations; acid-base titrations; dissolved CO2 chemistry; mineral solution chemistry; complexation; redox reactions; and the solid-solution interface. The lectures are complemented by laboratory experiments in which students learn some of the standard analysis techniques of aquatic chemistry.

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

**Duties**
- Developing syllabus
- Delivering three hours of lectures per week for the Fall 2018 term
- Providing scheduled office hours for academic counselling of students
- Setting assignments, midterms, and final exams
- Supervising teaching assistant
- Attending tutorials
- Grading final examination papers

**Estimate of TA Support:** 54 hours
**Estimated Course Enrolment:** 15 students
**Rate of Pay:** $7,900 (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 May 28, 2018. 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

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 1 Collective Agreement. The Departmental Hiring Policy is available in the Department office and in the CUPE Local 3902 office.

Posted on May 9, 2018