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

**CIV510H1S – SOLID MECHANICS II**

This course provides a continuing study of the mechanics of deformable solids. Stress and equilibrium conditions, strain and compatibility conditions, stress-strain relations and yield/failure criteria are considered in the context of civil engineering materials. Two-and three-dimensional elasticity theory is developed, with an introduction to the use of tensor notation. Advanced topics in bending, shear and torsion of beams are also covered, as is elementary plate bending theory. The course concludes with a further development and application of energy methods including virtual work, potential energy, strain energy, and related approaches.

**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 2019 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:** 54 hours  
**Estimated Course Enrolment:** 30 students  
**Rate of Pay:** $8,058 (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 **August 24, 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 July 25, 2018