The Civil & Mineral Engineering Department at the University of Toronto seeks at least one Course Instructor for the following course:

CME261H1F: Engineering Mathematics I
This course deals with both numerical methods for engineering analysis (solution of linear and non-linear equations, interpolation, numerical integration) and advanced topics in analytical calculus (multiple integrals and vector analysis). Within the numerical methods portion of the course emphasis is placed on problem formulation, solution algorithm design and programming applications. Within the analytical calculus portion emphasis is placed on the mathematical foundations of engineering practice and the interrelationship between analytical and numerical solution methods.

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

Relevant Criterion:
Past teaching experience is the more relevant criterion than the need to acquire experience in respect of this posted position.

Duties
- Developing syllabus
- Delivering three hours of lectures per week for the Fall 2021 term
- Providing scheduled office hours for academic counselling of students
- Setting assignments, midterms, and final exams
- Supervising teaching assistants
- Grading final examination papers

Estimate of TA Support: 224 hours
Estimated Course Enrolment: 100 students
Rate of Pay: $8,943.61 (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 July 29th, 2021. 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.civmin@utoronto.ca

The University strives to be an equitable and inclusive community, and proactively seeks to increase diversity among its community members. Our values regarding equity and diversity are linked with our unwavering commitment to excellence in the pursuit of our academic mission. The University is committed to the principles of the Accessibility for Ontarians with Disabilities Act (AODA). As such, we strive to make our recruitment, assessment and selection processes as accessible as possible and provide accommodations as required for applicants with disabilities. If you require any accommodation at any point during the application and hiring process, please contact uoft.careers@utoronto.ca. During
employment, to request accommodation from the University, contact the supervisor or department chair and/or Heath & Wellbeing Programs & Services at hwb@utoronto.ca. For more information about accommodations at U of T, please visit our Accommodation webpage.

The hiring criteria for Course Instructors positions are academic qualifications, the need to acquire experience, previous teaching experience and previous satisfactory employment under the provision of this Collective Agreement.

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, LGBTQ2S+ persons, and others who may contribute to the further diversification of ideas.

Candidates who are members of Indigenous, Black, racialized and LGBTQ2S+ communities, persons with disabilities, and other equity seeking groups are encouraged to apply, and their lived experience shall be taken into consideration as applicable to the position.

This job is posted in accordance with the CUPE 3902 Unit 1 Collective Agreement.

The position posted above is tentative, pending final course determinations and enrolments.

Positions posted here are open to Graduate Students in the School of Graduate Studies, Postdoctoral Fellows and Undergraduate Students in the University of Toronto.