



Civil & Mineral Engineering UNIVERSITY OF TORONTO

Emergency Job Posting – Course Instructor Position 50% Summer Term 2024

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

CIV1599H1F New Topics in Civil & Mineral Engineering: Analytics for Transit and Mobility Networks

Transit agencies around the world witness a growing trend of data abundance and diversity, presenting opportunities to enhance transit system effectiveness but requiring specialized knowledge and experience with analytics for harnessing such data. Transportation agencies and companies overseeing other modes and emerging mobility services are faced with the same challenges. This course provides students with in-depth exposure to emerging data types, sources and standards for transit and other mobility systems. The course will cover a range of analytics for harnessing diverse data in a variety of planning and management applications. While special focus will be given to transit applications, other mobility modes and services will be considered as appropriate.

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 summer 2024 term
- Providing scheduled office hours for academic counselling of students
- Setting assignments, midterms, and final exams
- Supervising teaching assistants
- Grading final examination papers

Estimated Course Enrolment: 30 students

Rate of Pay: \$4,030.95 Pro-rated 50% (excludes 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. by **February 27, 2024** Applications should be sent to:

Professor Marianne Hatzopoulou
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 Health & 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.