



# Civil & Mineral Engineering UNIVERSITY OF TORONTO

## **Job Posting – Course Instructor Position Fall Term 2024 (September - December)**

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

### **CIV300H1 Terrestrial Energy Systems**

Core Course in the Sustainable Energy Minor Various earth systems for energy transformation, storage and transport are explored. Geological, hydrological, biological, cosmological and oceanographic energy systems are considered in the context of the Earth as a dynamic system, including the variation of solar energy received by the planet and the redistribution of this energy through various radiative, latent and sensible heat transfer mechanisms. It considers the energy redistribution role of large scale atmospheric systems, of warm and cold ocean currents, the role of the polar regions, and the functioning of various hydrological systems. The contribution and influence of tectonic systems on the surface systems is briefly introduced, as well the important role of energy storage processes in physical and biological systems, including the accumulation of fossil fuel reserves.

### **Qualifications**

A postgraduate degree in civil engineering is preferred. 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 2024 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:** 250 hours

**Estimated Course Enrolment:** 170 students

**Rate of Pay: \$8,142.51** (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. (including previous teaching evaluations (if applicable)), by **Monday July 25, 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](mailto: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](mailto: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 [hw@utoronto.ca](mailto:hw@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.**

**Posted July 8, 2024**