



**First Year Program, Faculty of Applied Science & Engineering**  
**MAT186H1S – Calculus I**  
**Winter 2025**  
**CUPE 3902 Unit 1**

The Faculty of Applied Science and Engineering is hiring **at least one teaching assistant** within the First Year Program for the winter 2025 term beginning January 2025.

**MAT186H1S Course Description:** Topics include: limits and continuity; differentiation; applications of the derivative – related rates problems, curve sketching, optimization problems, L'Hopital's rule; definite and indefinite integrals; the Fundamental Theorem of Calculus; applications of integration in geometry, mechanics and other engineering problems. Estimated Enrollment: 50

**Skills and Qualifications:** Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position. We are looking for an applicant with at least an M.Sc. in either Mathematics or Engineering, with experience teaching first-year engineering calculus. The applicant should be very comfortable working with Quercus and be able to handle administrative duties that use its applications. Familiarity with pedagogical ideas of both calculus and online courses would be an asset.

**Duties:** The TA duties will include running weekly tutorials, completing test, assignment, and exam marking, and providing general support for the delivery of the course.

At least one(1) Teaching Assistant position is available for **MAT186H1S, from January 6, 2025 to April 30<sup>th</sup> 2024**. The contract will be for a **50 hours, at the rate of \$52.97 per hour, plus 4% vacation pay**.

**How to Apply:** Candidates are asked to submit, as ONE PDF document:

1. 1-page Cover letter;
2. Curriculum Vitae;
3. A summary that demonstrates your experience, interest and/or excellence in teaching (maximum 1 page).

The course and duties will be offered in-person (or a hybrid of online/in-person), the final decision about the delivery will be made/communicated by the University at a later date.

The Faculty of Applied Science & Engineering and First Year Office thanks all applicants for their interest; however, only those candidates considered for the position will be contacted.

**The application deadline is: October 29, 2024, 4:00 PM EDT.**

**Posting Date: October 08, 2024.**

**Submit application online via:**

<https://forms.office.com/r/86F41gMF1T>



UNIVERSITY OF TORONTO  
FACULTY OF APPLIED SCIENCE & ENGINEERING

If during the application and/or selection process you require accommodation due to a disability, please Contact : [fyjobs@engineering.utoronto.ca](mailto:fyjobs@engineering.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 accommodations 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 [hwb@utoronto.ca](mailto:hwb@utoronto.ca). For more information about accommodations at U of T, please visit our [Accommodation webpage](#).

The hiring criteria for Teaching Assistant positions are academic qualifications, the need to acquire experience, previous experience and previous satisfactory employment under the provisions of this Collective Agreement.

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.

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.

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

The position(s) posted above is (are) 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.

Preference in hiring shall be given to Graduate Students enrolled in the School of Graduate Studies of the University of Toronto or those who have made application to be enrolled in the School of Graduate Studies of the University of Toronto.