



UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING

Job Posting – Course Instructor
APS163: Online Calculus For Engineers II
Summer Term 2022 (May –June)
CUPE 3902 Unit-1

The Faculty of Applied Science and Engineering at the University of Toronto seeks one Course Instructor for the **APS163: Online Calculus II** course **from May 09 to June 30, 2022**

Topics include: This course focuses on the fundamental tools of calculus and its connections to engineering. The topics include methods of integration, an introduction to differential equations, series and Taylor series, vector differentiation, and partial differentiation. Problems combining calculus with geometry, linear algebra, statics, and mechanics will be examined.

Qualifications: We are looking for an applicant with at least a 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. Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position.

Duties include online:

- Delivering the lectures and tutorials (with Teaching Assistant) throughout the Summer term May 09 – June 30, 2022
- Providing scheduled office hours for students
- Setting assignments, midterm, and final exam
- Coordinating the work of the course teaching assistants
- Grading final examination papers

Tentative Online SYNC Lecture schedule: Monday, Wednesday, Thursday 6-7 pm,

Tentative Online SYNC Tutorial Schedule: TBD

Estimated Course Enrolment: 60 students

Rate of Pay: \$8,061.89 (Excluding vacation pay)

How to Apply:

Candidates are asked to submit, **as ONE PDF** document, the following:

1. 1-page Cover letter;
2. Curriculum Vitae;



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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.

Submit application online via:

<https://forms.office.com/r/M8QhXymrrQ>

The application deadline is April 04, 12:00 PM EST, 2022.

Posting Date: March 10, 2022.

If during the application and/or selection process you require accommodation due to a disability, please Contact : fjjobs@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. 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 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



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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.