This online-only course focuses on the fundamental tools of calculus and its connections to engineering. The topics include limits, differentiation, graphing, optimization problems, and definite and indefinite integrals in the first semester. Problems combining calculus with geometry, linear algebra, statics, and mechanics will be examined.

Two (2) Teaching Assistant positions are available for APS 162, from June 25 to September 21, 2019. The contract will be for 50 hours per semester, at the rate of $45.33 per hour, plus 4% vacation pay.

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 Learning Management Systems (e.g., 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.

The TA duties will include a large amount of marking, including weekly assignments and a final, written modeling assignment. The course is expected to have ~50 students. The TAs will run some of the weekly online office hours (at a time to be determined later). The TAs will provide technical support for the course, posting course materials and filling in the details connecting the videos to the appropriate sections in the course.

Anticipated Enrolment: 50 students

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

1. 1-page Cover letter;
2. Curriculum Vitae;
3. A summary that demonstrates your experience, interest and/or excellence in teaching (maximum 1 page).
4. Indicate which group you are currently enrolled as, Undergraduate, Masters, Phd or Postdoctoral Fellow with the University of Toronto.

Submit application online via:
http://tinyurl.com/APS-162H1S-Summer-19-TA
The application deadline is April 13, 2019, 9:00 AM.
Posting Date: April 08, 2019.

If during the application and/or selection process you require accommodation due to a disability, please contact fyjobs@ecf.utoronto.ca

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, LGBTQ 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 Departmental Hiring Policy is available in the Department office and in the CUPE Local 3902 office.