Job Posting – CUPE 3902 Unit 1
Head Teaching Assistant
APS 162H1S – Calculus for Engineers I, Summer 2021

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.

One (1) Head Teaching Assistant positions are available for APS 162, from June 21 to September 21, 2021. The contract will be for 110 hours per semester, at the rate of $46.24 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 Head TA duties will include course on ramping with new students, which includes significant email and discussion board communication, as well as assisting the course instructor with course site creation. A large amount of online marking, including weekly assignments and a final, written modeling assignment. The course is expected to have ~150 students. The Head TA 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 as well as some synchronous online tutorial sessions.

Anticipated Enrolment: 150 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).

Submit application online via:
https://forms.office.com/Pages/ResponsePage.aspx?id=JsKqeAMvTUuQN7RtVsVSECJrhE2KiP1Hp0WdAv3I8oFUQzJOSFdMOVIFRE43VdRWVhFVTM0VElHUC4u

The application deadline is April 01, 12:00PM EST, 2021.
Posting Date: March 05, 2021.

If during the application and/or selection process you require accommodation due to a disability, fyjobs@engineering.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.