



UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING

First Year Program, Faculty of Applied Science & Engineering

First Year Foundations Program

Job Posting – CUPE 3902 Unit 3

Calculus Boot Camp Coordinator (First Year Foundations): August 2nd – August 30th, 2019.

Calculus Boot Camp is a week-long program designed for incoming first-year U of T Engineering students to review key mathematical concepts and see how they are applied in university-level calculus.

One Sessional Instructor Assistant Position is available for this course from August 2rd – August 30th, 2019. The contract will be for 50 hours, at the rate of \$45.10 per hour, plus 4% vacation pay.

The coordinator will create and deliver content for the Calculus Boot Camp under the direction of the Vice-Dean, First Year. The course will cover the following topics:

- Algebra and polynomials
- Inequalities, absolute values, graphing and geometry of the plane
- Trigonometry, exponential functions, and logarithms
- Math logic and inverse functions
- Sequences, limits and the definition of the derivative

Qualifications: Prior teaching experience and/or experience working as a, instructor or TA within the first year program and engineering mathematics courses is an asset

Duties:

- Developing course content in consultation with the Vice-Dean, First Year
- Delivering lectures from 10am to 5pm (with a 1 hour lunch break) from August 27^h to August 31st, 2019 inclusive.
- Designing assignments and activities for the class, and grading those assignments

Estimated Course Enrollment: ~200 student

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.

Submit application online via:

<http://tinyurl.com/Calculus-Boot-Camp19Instructor>



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The application deadline is on April 19, 2019 by 9:00 am .

Posting Date: April 09, 2019.

This job is posted in accordance with the CUPE 3902 Unit 3 Collective Agreement.

It is understood that some announcements of vacancies are tentative, pending final course determinations and enrolment. Should rates stipulated in the collective agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail.

Preference in hiring is given to qualified individuals advanced to the rank of Sessional Lecturer II or Sessional Lecturer III in accordance with Article 14:12 of the CUPE 3902 Unit 3 collective agreement. Please note: Undergraduate or graduate students and postdoctoral fellows of the University of Toronto are covered by the CUPE 3902 Unit 1 collective agreement rather than the Unit 3 collective agreement, and should not apply for positions posted under the Unit 3 collective agreement