



# UNIVERSITY OF TORONTO

## FACULTY OF APPLIED SCIENCE & ENGINEERING

**Job Posting – Course Instructor APS106  
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 **APS106: Fundamentals of Computer Programming** course **from May 09 to June 30, 2022.**

**Topics include:** An introduction to computer systems and software. Topics include the representation of information, algorithms, programming languages, operating systems and software engineering. Emphasis is on the design of algorithms and their implementation in software. Students will develop a competency in the Python programming language. Laboratory exercises will explore the concepts of both Structure-based and Object-Oriented programming using examples drawn from mathematics and engineering applications.

### **Qualifications**

Applicants should have a strong record of presenting lectures or acting as a teaching assistant. Applicants must be able to demonstrate considerable depth of knowledge and experience in the subject area. The applicant must be able to lecture in a clear voice, and explain concepts clearly. A license to practice engineering in Canada is preferred. Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position.

**Duties include:** Preparation of in-person lecture and course materials, delivery of lectures, providing scheduled office hours for students, setting assignments, midterm, and final exam, coordinating the work of the course teaching assistants, grading final examination papers.

**Lecture schedule:** Mondays, Tuesdays, Thursdays 2 pm to 4 pm **Tutorial schedule:** Tuesdays 4 pm to 6 pm

**Lab schedule:** Thursdays 4 pm to 6 pm \*tentative

**Estimated Course Enrolment:** 60 students

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

### **Application Process:**

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).

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.



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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/SbA3WGSRau>

**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](mailto: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](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.



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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.