



UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING

Summer Employment Opportunity

Title: Junior Programs Instructor

Date of Employment: May 2024 – August 31, 2024

Hiring Department: Engineering Outreach Office, Faculty of Applied Science & Engineering

Rate of Pay: \$20.00 per hour

Deadline to Apply: April 19, 2024

Number of Positions: 20

Hours of Work/Week: May & June: up to 30 hours/week; July – August: 44 hours/week

The Engineering Student Outreach Office (ESOO) manages and administers the core outreach programs offered by the Faculty. We act as the central unit for outreach activities promoting Science, Technology, Engineering and Math (STEM) education to a broad audience. The ESOO seeks instructors to develop and deliver outreach programs for children and youth in grades 3-8 between May and August 2024. Instructors will have the opportunity to share their knowledge and inspire the minds of young Canadians through hands-on STEM education beyond the scope of a traditional classroom environment. Instructors will also play a vital role in creating a positive and enriching educational environment for all students that attend core Junior Outreach Programs, including Jr. DEEP, Girls' Jr. DEEP, Jr. DEEP Coding, and Makerspace, which will occur at both the University of Toronto's St. George campus, and offsite in a community school.

Instructors will diligently work to create a safe and engaging STEM curriculum, attend training, develop classroom leadership skills, and implement all core STEM programs. Instructors will plan and deliver program elements based on the Ontario Camps Association, the Ministry of Education's Ontario Curriculum, and CAS standards. Additionally, Instructors may be required to take on roles relating to ACTUA initiatives, CanCode programming, digital learning, and projects relating to the Dean's strategic fund.

Duties and Responsibilities:

- Instructors will be responsible for creating, delivering and teaching various innovative STEM programs, workshops and activities
- Instructors will be expected to ensure that their programs are delivered in engaging and accessible ways to students with an interest and aptitude in STEM
- Instructors will be responsible for supporting the development of and delivering our flagship programs of Jr. DEEP, Girls' Jr. DEEP, Jr. DEEP Coding, in-school and community workshops and other special events and programs geared towards students in grades 3-8
- In addition to all outlined responsibilities, select instructors will teach the Girls' Jr. DEEP program. Girls' Jr. DEEP seeks to engage female students to pursue STEM further
- Instructors will be expected to have a thorough understanding of all the activities that the Jr. DEEP programs will offer and will be required to take on instructional responsibilities in dynamic

situations and throughout different classrooms environments

- Instructors will take a pivotal role in the classrooms, where they will create an enriching learning space for students with different learning needs
- Instructors will provide support for demanding or complex activities through hands-on assistance and supervision
- Instructors will be required to have a general sense of awareness and understanding for the students in their class
- Instructors are expected to act as positive, professional leaders to help kids feel welcome and excited in a STEM camp setting
- The instructor role will be highly fluid, and the ESOO seeks candidates that will thrive in dynamic working environments

Education and Experience

Education: Applicants must be undergraduates or recent graduates, preferably from the University of Toronto. Preference is given to students in undergraduate STEM programs and students with coding skills. Students in Education and other related disciplines are also strongly encouraged to apply. A background in special education is also an asset.

Experience: Applicants should demonstrate experience working with youth, especially within a camp setting. If you have experience working with a specific grade level or age group, please indicate this in your cover letter. If you have a specialty in a particular area of Science or Engineering, please highlight this in your cover letter (for example, we are looking for instructors who can teach coding).

- Instructors are expected to be Standard First Aid-CPR Level C certified or willing to obtain such by a mutually agreed-upon date.
- A Police Clearance Letter valid within the year is required of all successful applicants
- G2 or G driver's license is an asset (but not a requirement)

Applicants Submit:

1. Cover letter
2. Resume

Please ensure that documents are submitted as follows:

FIRSTLASTNAME_Coverletter

FIRSTLASTNAME_Resume

Qualified applicants should submit their cover letter and resume to Justin Carter, Outreach Programs Coordinator, Engineering Outreach Office. Submissions can be emailed to jrdeep@engineeringoutreach.ca

Learn More:

For more information, visit www.outreach.engineering.utoronto.ca.