UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING

Summer Employment Opportunity

Title: Junior Programs Instructor
Date of Employment: May 2019 – August 2019
Hiring Department: Engineering Outreach Office, Faculty of Applied Science & Engineering
Rate of Pay: $16.00 per hour
Deadline to Apply: April 23rd, 2019, 9:00 A.M.
Number of Positions: 35
Hours of Work/Week: May-June: Part-time (Variable), July – August: Full-Time

*Applicants who are being considered for the position will be required to attend a group interview session sometime during the month of February.

The Engineering Student Outreach Office (ESOO) is currently seeking instructors who will develop and deliver various outreach programs for youth in grades 3-8 between May and August 2019. The Engineering Student Outreach Office 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 wide audience. 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. The Support Instructors will also play a vital role in creating an inclusive environment for the different learners that attend the Jr. DEEP programs.

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 also will be responsible for supporting the development of and delivering our flagship programs of Jr. DEEP, Girls' Jr. DEEP, Jr. DEEP Coding, ENGage, as well as 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 be in charge of teaching our Girls' Jr. DEEP and ENGage programs. Girls' Jr. DEEP seeks to engage female students to pursue STEM, while ENGage, a partnership with the National Society of Black Engineers, seeks to encourage STEM literacy and promote academic and social growth.

- Instructors will take some responsibility in creating, delivering and teaching various innovative STEM programs, workshops and activities.
- Instructors will be expected to have a thorough understanding of all the activities that will be offered by the Jr. DEEP programs and will be required to take on instructional responsibilities in dynamic situations.
- Instructors will take a pivotal role in the classrooms where they will create an inclusive safe learning space for students with different learning needs. The instructors will need to provide support for demanding or complex activities in the form of hands-on aid or supervision.
- Instructors will be required to have a general sense of awareness and understanding for the students in their class. They will need to form genuine relationships to allow students to transition into the camp setting.
- 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 of the University of Toronto. Preference will be given to students in undergraduate engineering programs. Applications from students in the sciences and other related disciplines are also strongly encouraged to apply. A background in special education is 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 with the ability to teach coding).

- Instructors will be expected to be First Aid-CPR certified, WHMIS Safety Trained and/or willing to obtain such training prior to the start date of the position.
- A Police Clearance Letter will be required of all successful applicants.
- G2 or G driver's license is an asset

Applicants Submit:

1. Cover letter
2. Resume

Qualified applicants should submit their cover letter with resume to the attention of Justin Carter, Outreach Programs Coordinator, Engineering Outreach Office. Submissions can be emailed to jrdeep@engineeringoutreach.ca, or dropped off in person at 35 St. George St (Galbraith Building), room 173.

Learn More:

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