

Summer Employment Opportunity

Title: EngLIFE Instructor/Mentors

Date of Employment: Part-time May 2022 – June 2022; Full-time July 2022 – August 2022

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

Rate of Pay: \$19 per hour

Deadline to Apply: April 22nd, 2022, 9:00 P.M.

No. of position: 10

The Engineering Student Outreach Office (ESOO) manages and administers the core outreach programs offered by the Faculty of Applied Science & Engineering at the University of Toronto. We act as the central unit for outreach activities promoting Science, Technology, Engineering and Math (STEM) education to a wide audience within and outside the greater Toronto area.

ESOO is currently seeking instructors and mentors who will develop and deliver various outreach programs for youth (all ages) between May and August 2022. **This will be a blended virtual and in-person position.** Instructors/Mentors will have the opportunity to share their knowledge, coordinate learning experiences, and inspire the minds of young Canadians through hands-on STEM education beyond the scope of a traditional classroom environment.

Position Description:

Instructors/Mentors will plan, deliver, and facilitate an engaging program based on Ontario Camps Association and CAS standards. Instructors/Mentors are responsible for fostering a meaningful learning environment within these standards. Instructors/Mentors will be responsible for creating and delivering workshops and camps in various locations in Ontario, concentrating on the greater Toronto area. Instructors/Mentors should be prepared to travel throughout the summer, with transportation being arranged by the office if needed.

This position is eligible for recognition through the Co-Curriculum Record (CCR) for University of Toronto students.

Duties and Responsibilities:

- Instructors/Mentors will be responsible for creating, delivering, and teaching various innovative STEM programs, workshops, and activities.
- Instructors/Mentors 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/Mentors will be expected to have a thorough understanding of all programs/activities that will be offered by ESOO and will be required to take on instructional responsibilities in dynamic situations.

- Instructors/Mentors 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/mentors will need to provide support for demanding or complex activities in the form of hands-on aid or supervision.
- Instructors/Mentors will be responsible for administrative duties such as classroom attendance, addressing student/parent's program needs (as appropriate), acquisition and distribution of materials, and assisting/coordinating special events as assigned.

Qualifications and Experience:

Applicants must be undergraduates, graduates, or recent graduates, preferably of the University of Toronto. Preference will be given to students in undergraduate or graduate engineering programs. Applications from students in the sciences and other related disciplines are also strongly encouraged to apply. Experience in tutoring in Math or Physics is an asset.

- Applicants must be able to demonstrate a considerable depth of knowledge and experience in the subject area (Engineering Design and Physics).
- Applicants should demonstrate experience working with youth; particularly in a camp setting.
- Applicants should have a strong record of teaching; particularly using engaging teaching methods.
- Applicants must be able to speak to a group (25 students) in a clear voice, explain concepts clearly, and avoid unnecessary jargon.
- Applicants are expected to be First Aid-CPR certified, WHMIS Safety Trained and/or willing to obtain such training prior to the start of the position.
- Applicants must be willing to submit a Police Clearance Letter prior to start of the position.
- G2 or G driver's license is an asset.

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).

Applicants Submit:

1. Cover letter
2. Resume

Qualified applicants should submit their cover letter with resume to the attention of **Cassandra Abraham**, Outreach Programs Coordinator, Engineering Outreach Office. Submissions can be emailed to cassandra@engineeringoutreach.ca.