

# Science Engagement Programs Instructor

This is a full-time contract position from May 1, 2024 – August 31, 2024. Full-time hours required in July. Flexible hours available in May, June, and August.

## Who We Are

Science Engagement Programs offers innovative and engaging programs designed to inspire youth and discover exciting topics in science, technology, engineering, and mathematics (STEM). Out of the Faculty of Science at York University, our programs use a discovery and inquiry-based learning approach that is focused on 'learning by doing'. Our outreach model provides students with a chance to work in small groups on a variety of projects that will help foster problem solving, critical thinking, and an overall passion for STEM.

Our programs take place within the Faculty of Science at the Keele Campus of York University, within schools, community centres, and other education institutions. Within the university environment, this gives students the unique opportunity to learn and discover the world of science and engineering. In each of our programs, whether in day-long workshops or week-long camps, we enrich the learning experience with demonstrations from various student groups, faculty presentations, laboratory visits, and hands-on workshops.

## Position Description

The Science Engagement Programs is seeking enthusiastic Instructors to develop and deliver science and engineering-based programming to pre-university youth. In addition to the responsibilities of an Instructor, Senior Instructors will also:

- Take on leadership roles in the supervision of daily camp programming.
- Work closely with the Manager regarding the curriculum development for participants.
- Take a leading role in the registration, daily sign-in and sign-out procedures, and management of volunteer staff.
- To take on leadership roles in the supervision of daily programming.
- Deliver science and engineering-related activities in a safe, organized, and engaging manner to pre-university youth attending all Science Engagement Programs, specifically In-School Workshops, Science Explorations Summer Camp, Spark Lab Program, and other Science Engagement related programming.
- Be responsible for the set-up of camp, inventory supplies, post-camp clean-up.
- Have flexible hours based on operational requirements.
- Other tasks may be required as assigned by the Manager.

## Location

York University Keele Campus. Exact building varies by program. Some assignments may be off campus, in which case transportation will be available from and to campus.

## Position Requirements

Instructors are undergraduate students studying an area of science, technology, engineering or mathematics (STEM).

- Exceptional leadership, communication and presentation skills
- Experience presenting dynamic interactive science lessons
- Thorough knowledge and interest in science and engineering. Background in science, technology, engineering, and mathematics (STEM)
- Demonstrated flexibility, maturity, initiative, and ability to multi-task
- Highly creative and well organized
- Demonstrated experience leading and supervising diverse groups of children (including different age groups, learning abilities/styles, and/or special needs)
- Previous camp counsellor and/or teaching experience and/or curriculum development is mandatory
- Related recreational experiences such as coaching, dramatic arts, etc. are beneficial
- Ontario G-License will be considered an asset
- Current Standard First Aid and CPR-C Certification will be required upon hiring.
- A current Vulnerable Sector Screen will be required prior to the commencement of employment.

This position requires the candidate to produce a Vulnerable Sector Check satisfactory to the University prior to commencement of employment.

## Compensation

Position pay rate starts at \$17.75 per hour, with opportunities to advance to Team Lead.

## How to Apply

If you are a YorkU student, you will need to submit an application [determine your work/study eligibility](#) for Summer 2025 to complete your application.

Applications will be accepted until the position is filled. [Applications are submitted online](#) and you will need to submit:

- Cover Letter (Include your YorkU student number, if applicable)
- Resume

## Contact Us

For questions, concerns, or to request accommodations for your application please contact us:

Email: [explore@yorku.ca](mailto:explore@yorku.ca) (preferred)      Voicemail: 416-736-2100 ext. 44552