Engineering Outreach Co-op Program Instructor

Period of Employment: May 2025 - December 2025 or May 2025-April 2026
Hours of Work: 35 hours per week
Rate of Pay: $20.00/hour
# of Positions Available: 1-2
Reporting to: Engineering Outreach Coordinator

Ontario Tech University Engineering Outreach is looking for Program Instructors to support the planning and delivery of STEM (science, technology, engineering and math) programming for students in Kindergarten to Grade 12. Ontario Tech University Engineering Outreach provides free and low-cost programming across Durham, York, Northumberland and Toronto through in-school and community workshops, in addition to summer programming on campus and at satellite locations.

Program Instructors will deliver STEM content **in-person,** and lead the classroom in terms of student engagement and behaviour management. This position follows an in-person work schedule, with specific requirements based on the programs the candidate supports.

Ontario Tech University Engineering Outreach is committed to creating an inclusive and diverse working environment. All qualified applicants will receive consideration for employment without regard to race, colour, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, or age. All candidates are encouraged to apply.

Duties and Responsibilities
- Program Instructors will organize and deliver engaging and accessible engineering and STEM-based workshops, camps, and events to youth in Kindergarten to Grade 12 on the Ontario Tech campus and at community sites, and elementary and high schools through our Mobile Design Lab programs. This programming primarily takes place **in person**, with some virtual programming.
- Prepare content such as videos, lesson plans, and at-home activities that can be accessed through our websites and social media channels.
- Prepare content such as activities, and lesson plans to be used in summer camps and other community programming.
- Program Instructors will develop innovative STEM-based curriculum through testing, experimentation, and evaluation of current educational technologies
- Cultivate the Engineering Outreach online social media presence through Facebook, Twitter, Youtube, and Instagram.
- Contribute to the preparation of surveys, program analysis, and summary reports with recommendations to future programming
- Program Instructors will be responsible for communicating with the Engineering Outreach Coordinators consistently and effectively throughout the the duration of their contract.

- Program Instructors will be expected to represent and promote the Ontario Tech University Faculty of Engineering and Applied Science and Engineering Outreach positively through their behaviours and actions.
- Program Instructors will be expected to deliver STEM programs on-campus (primarily in the SIRC Building, Ontario Tech Campus) and community locations within the Durham Region.

Qualifications
- Current undergraduate student. Preference will be given to students in undergraduate engineering, computer science, science and math-based programs. Applicants in other areas of study are still encouraged to apply!
- Experience working with youth.
- Great communication skills and ability to work in both a team and independently.
- Previous teaching and curriculum development experience is an asset.
- Comfortable using social media platforms, including Facebook, Twitter, Youtube, and LinkedIn.
- Co-Op students must be eligible to complete a co-op, having completed all relevant co-op preparation courses as determined by the Ontario Tech Co-Op Office.
    - For engineering co-op students, you must complete Professional Competencies for Engineers (ENGR1000W) in order to be eligible to begin your co-op placement.
- Having a full G/Class 5 (or equivalent) driver's license and willing to drive a vehicle in city, highway, and rural environments is an asset (Must be willing to obtain and share a Driver's Abstract, demonstrating a complete absence of demerit points)

Successful Candidates will be asked to provide:
- A valid vulnerable sector police record check by the first day of employment; this must be obtained before the first day of employment.
- Standard First Aid and CPR-C Certificate .

To apply, applicants must submit a completed application form (https://forms.gle/WhVtyPFVNQt75uQZ6). The application will require the following attachments:
- Resume
    - One (1) page limit
    - Please include all relevant experience

Applications are due by March 21 at 11:59 PM.
Note: Applications are reviewed on a rolling basis, and interviews are scheduled as applications are received. Therefore, it is highly recommended to submit your application as early as possible to increase your chances of being considered for an interview.

If you have any questions, please reach out to Engineering Outreach at engineeringoutreach@ontariotechu.ca.