Summer Opportunity

Title: IDEA: Horizons Mentor
Duration: Training and mentorship opportunities throughout July and August
Hiring Department: Engineering Student Outreach Office, Faculty of Applied Science & Engineering
Deadline to Apply: August 7, 5:00pm
Rate: $15 per hour
Number of positions: 5

Position Description:

The Engineering Student Outreach Office (ESOO) manages and administers the core outreach programs offered by the Faculty of Applied Science and 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.

The IDEA: Horizons program is an Indigenous-led program for Indigenous students in Grades 3-6 grounded in Land-based learning.

This fun, unique program explores STEM concepts while making connections to the Land. Participants engage with traditional and cultural knowledge to explore cutting-edge topics in STEM (science, technology, engineering and math), through a wide-range of engaging hands-on activities. Participants also explore the University of Toronto’s St George campus with an engaging team of Mentors and Instructors. Our instructors are current undergraduate and graduate students who will share their experiences and excitement for learning; our Mentors have completed the IDEA LIT program and are enthusiastic Land-based educators.

The IDEA (Indigenous Design and Engineering Academy): Horizons Program is seeking high school mentors, currently attending Grades 10-12, who will support various teams delivering programs to Grade 3-8 youth in July and August of 2023.

Duties and Responsibilities include:

● Mentors will be responsible for liaising with instructors to observe and assist with the delivery of innovative curriculum and activities related to Land-based learning and STEM education
● Mentors will facilitate and support students in individual and/or group work
● Mentors may be responsible for assisting in classroom management and communicating with regards to incidents to ensure the safety of all camp participants
Mentors will participate in program logistics and administrative tasks, such as but not limited to pick-up, drop-off, nutritional breaks, materials packing and distribution. Mentors will participate in scheduled program meetings. Mentors will complete a curriculum development project to demonstrate their learning.

**Education and Experience:**

- Mentors must identify as Indigenous.
- Mentors must be currently enrolled in grade 10 or higher.
- Mentors should demonstrate an interest in Land-based learning and STEM.

**Qualifications:**

Mentors should:
- Present strong communication, problem-solving and time management skills.
- Enjoy working with youth and have interest in science, technology, engineering and math.
- Have some experience working with children (an asset).
- Have some experience participating in Land-based learning (an asset).
- Be available during July and August.

**Applicants Submit:**

Resumes may be submitted to idea@engineeringoutreach.ca to the attention of Darlee Gerrard.

**Learn More:**

For more information about the Engineering Student Outreach Office, visit www.outreach.engineering.utoronto.ca

Questions may be submitted to idea@engineeringoutreach.ca.