



Robotics Assistant (High School Co-op)

Do you have a strong work ethic and are passionate about education and community programs? Be part of a team where you can work for a non-profit organization and make an impact on students to learn more! You can make a difference in the world by giving students the opportunity to access free and affordable educational services!

About York Region Educational Services:

York Region Educational Services (YRES) is a not-for-profit organization that provides individuals in York Region and beyond with free and affordable educational resources in a safe and supportive environment that inspires, motivates, and helps set the foundation for personal growth.

About this opportunity:

As a Robotics Assistant, you will support YRES's robotics and STEM education programs by assisting with lesson delivery, equipment setup, student coaching, and program coordination. You will help create engaging, hands-on learning experiences for youth while contributing to YRES's community-focused initiatives and educational events.

Key responsibilities are as follows:

- Develop robotics-specific curriculum for youth programs.
- Develop, schedule, and assist in leading robotics-specific training sessions for volunteers and students.
- Collaborate with external community organizations to enhance STEM outreach and form strategic educational partnerships.
- Revise or design YRES robotics learning materials (e.g., lesson slides, coding guides, project instructions) using Canva.
- Deliver robotics programs and STEM-focused day camps (e.g., March Break Camp, Weekend Camp, and Summer Camp) as well as other virtual and in-person educational programs across the Greater Toronto Area.
- Work in various sectors of the company! While most time will be spent on robotics and STEM education tasks, candidates may also support other fields (e.g., business development) to contribute to operational expansion.

**Requirements:**

- Familiarity with coding languages (especially Scratch), robotics, and LEGO
- Dedication and passion for community impact, education, and youth-focused initiatives, along with a strong interest in coding and robotics.
- Excellent written and verbal communication skills for interacting with team members.
- Ability to work independently and collaborate with multiple stakeholders throughout camp projects.
- Proficiency in using Google Workspace and Canva.
- Creative, innovative thinking and strong problem-solving skills.
- Exceptional attention to detail.
- Excellent organizational skills and ability to meet deadlines in a fast-paced environment.

Assets:

- Experience in robotics programs, STEM education, or youth-focused technical activities.
- Experience in team support, volunteer coaching, or program facilitation.
- Experience working with children, adolescents, or community-focused organizations.
- Fluency in more than one language (reading, writing, speaking, and listening).