Job Posting: 177581 - Position: S26 Automation Co-op Student 177581

Co-op Work Term Posted:	2026 - Summer
App Deadline	01/29/2026 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	01/22/2026 03:39 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	QCA Systems
Address Line 1	101-6951 72nd Street,
Address Line 2	Delta Head Office
City	Delta
Postal Code / Zip Code	V4G 0A2
Province / State	British Columbia
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
<b> Job Title <b>	S26 Automation Co-op Student 177581
Position Type	Co-op Position
Job Location	Delta, BC
Country	Canada
Duration	8 months
Salary Currency	CAD
Salary	23.0 per hour for 0 Major List
Job Description	

About QCA Systems

QCA Systems is a leading provider of automation solutions, specializing in optimizing industrial processes through innovative technologies. With a focus on enhancing efficiency, reliability, and safety, we deliver tailored automation solutions to clients across various industries.

Fueled by a culture of excellence, QCA strives to be the preferred partner for businesses seeking peak operational performance. Our passion lies in shaping the future of autonomous control, where precision meets progress, and industries thrive through intelligent integration.

At QCA, we envision a future where seamless integration and innovation empower businesses to achieve unparalleled efficiency and success. Guided by our commitment to excellence, we aspire to lead the way in pioneering autonomous control solutions, driving transformative progress across the key industries we focus on.

QCA Systems Core Values

1. **Ownership and Grit**

Embodying the spirit of relentless perseverance, taking ownership of challenges with unwavering determination to achieve project success.

1. **Customer Focused**

Placing clients at the centre of operations and consistently striving to understand and meet their needs through custom tailored and efficient solutions. This dedicated approach is designed to cultivate long-term, mutually beneficial relationships.

1. **Quality**

Ensuring excellence in design, implementation, and support services to deliver reliable and high-performance systems and having a deep awareness and connection to those who depend on the work we do.

1. **Collaboration**

Promoting teamwork and effective communication within the company, as well as fostering strong partnerships with clients, suppliers, and other stakeholders.

1. **Continuous Improvement**

Striving for ongoing learning and development, seeking ways to enhance processes, skills, and technologies to provide better solutions and services.

Position Overview

QCA Systems is seeking a motivated and dynamic Automation Co-op Engineer to join our team. This position offers an exciting opportunity to gain hands-on experience in the field of automation, with a focus on PLC (Programmable Logic Controller) and HMI (Human-Machine Interface) systems. The ideal candidate will possess a strong mechanical aptitude, coupled with a passion for automation technologies and a desire to contribute to cutting-edge projects.

Responsibilities

The Automation Co-op will perform a variation of the following duties, depending on operational needs, customer needs, and project requirements:

• Collaborate with cross-functional teams to understand project requirements and objectives.
• Assist in the design, development, and implementation of PLC and HMI systems for industrial automation applications.
• Participate in the programming and troubleshooting of Allen-Bradley PLCs to control machinery and processes effectively.
• Develop intuitive and user-friendly HMI interfaces to facilitate operator interaction with automated systems.
• Conduct testing and validation of automation systems to ensure performance, reliability, and compliance with specifications.
• Provide technical support during the installation, commissioning, and maintenance of automation equipment and systems.
• Document project activities, including design specifications, programming code, test plans, and user manuals.

Job Requirements

Requirements

• Currently enrolled in a Bachelor's or Master's degree program in Mechanical Engineering, Electrical Engineering, Computer Science, or related field.
• Understanding of PLC and HMI technologies, including programming, configuration, and troubleshooting.
• Proficiency in programming languages commonly used in automation, such as ladder logic, structured text, or function block diagram.
• Hands-on experience with industrial automation equipment and tools is preferred.
• Excellent problem-solving skills and the ability to work effectively in a team environment.
• Strong communication skills, with the ability to convey technical concepts to both technical and non-technical stakeholders.

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through UBC Science Co-op
Cover Letter Required?   Yes
Address Cover Letter to   Hiring Manager
Special Application Instructions

In addition to the three documents, students must provide a minimum of 2 references.