

## Job Posting:165866 - Position: S25 Controls Engineering Co-op 165866 E1

**Co-op Work Term Posted:** 2025 - Summer  
**App Deadline** 02/03/2025 09:00 AM  
**Application Method:** Through UBC Science Co-op  
**Posting Goes Live:** 01/27/2025 10:15 AM  
**Job Posting Status:** Expired

### ORGANIZATION INFORMATION

**Organization** General Fusion  
**Website** [www.generalfusion.com](http://www.generalfusion.com)  
**Address Line 1** 6020 Russ Baker Way  
**City** Richmond  
**Postal Code / Zip Code** V7B 1B4  
**Province / State** BC  
**Country** Canada

### JOB POSTING INFORMATION

**Placement Term** 2025 - Summer  
**<b> Job Title <b>** S25 Controls Engineering Co-op 165866 E1  
**Position Type** Co-op Position  
**Job Location** Richmond, BC  
**Country** Canada  
**Duration** 4 or 8 months  
**Work Mode** Hybrid  
**Salary Currency** CAD  
**Salary** 4000.0 per month for 40 Major List  
**Salary Range \$** \$3200 - \$4000 / month depending on year of study.  
**Job Description**

Position: Controls Engineering Co-op

Location: Richmond, BC, Canada

General Fusion is transforming how the world is energized by developing the first commercially-viable fusion power plant. Fusion will deliver clean, safe and on-demand power at industrial scale, providing a powerful complement to renewables and a pathway to a zero-emission grid.

Combining new technologies, proven industrial processes, and advances in fundamental fusion science, General Fusion aims to be the first in the world to develop commercial fusion power. Key performance requirements have been demonstrated at the system level, setting the stage for building a pre-commercial fusion power prototype.

#### Education:

- 3rd or 4th year undergraduate students studying Electrical Engineering, Software Engineering, Mechatronics Engineering, Engineering Physics, Electrical, or Computer Science.

Start: May 2025

Term: 4, 8, 12 or 16 month placements available.

#### Key Responsibilities:

In this position you will work with General Fusion's Diagnostics Team to define conceptual design requirements for the Fusion Demonstration Plant. This will include helping various stakeholders with:

- troubleshooting & developing new features for General Fusion control & DAQ systems
- developing new data processing & analysis tools
- documenting control system software and components

### **Job Requirements**

#### **Required:**

- Electrical or Software Engineering, or Computer Science
- Experience with control systems & automation
- Experience working with high speed digital electronics
- Experience with LabVIEW
- Experience with Python

#### **Preferred:**

- Experience with C++
- Experience with SQL

General Fusion has a dynamic work environment where initiative, drive, attention to detail and going beyond the ask are highly valued. These are the qualities that we are looking for in a candidate.

**Citizenship Requirement** N/A

**Position Start Date** May 05, 2025 12:00 AM

## **APPLICATION INFORMATION**

**Application Procedure** Through UBC Science Co-op

**Cover Letter Required?** Yes

**Address Cover Letter to** Chris Phillip

### **Special Application Instructions**

Please submit Resume and Cover letter explaining your interest in General Fusion!

All interviews will be booked virtually and confirmed with shortlisted students directly via email.

Interviews will be ~30 minutes in length.

We thank you for your interest!