Job Posting:172404 - Position: W26 Systems Engineer, SoS 172404

Co-op Work Term Posted:	2026 - Winter
App Deadline	09/19/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	08/29/2025 03:16 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	General Dynamics Mission Systems - Canada
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 Systems Engineer, SoS 172404
Position Type	Co-op Position
Job Location	Ottawa, ON
Country	Canada
Duration	8 months
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List
Job Description	

Job Title: Co-op Winter 2026 - Systems Engineer, SoS - 8 Months

Job ID: REF858K

Company Description

At General Dynamics Mission Systems-Canada, our focus extends beyond engineering technology solutions-we are dedicated to cultivating careers. If you seek a purpose-driven career solving some of the world's most critical problems, alongside some of the brightest engineering minds, your application is welcome. Join a community where your unique perspective propels innovation.

Why Join Us?

• **Realize your Impact:** Our work enables customers to successfully navigate missions across diverse domains of operation. Your fresh perspectives and ideas have the power to shape real solutions, influence projects and drive meaningful change.

• **Kick-start your Career:** Immerse yourself in various industry facets, gaining insights that span from cutting-edge technology to project management. Elevate your resume with a distinguished company to set the stage for a rewarding career, while paving the way for future full-time opportunities within General Dynamics.

• **Grow your Network:** Work side by side with talented professionals who are excited to share their experience and develop your skills. Have meaningful interactions, ask questions, and build relationships that can lead to lasting industry connections.

• **Balance your Life:** We have On-site and Hybrid positions, this is often dependant on the nature of your role. We offer a variety of options for your work schedule which includes compressed work week options, flexible start times and shut down periods. We champion work-life balance, ensuring you have time for personal endeavors and your professional aspirations.

Job Description

We are looking for a Co-Op Student to join the System-of-Systems (SoS) Systems Engineering (SE) Team as a Systems Engineering Analysts. As a member of the SoS SE team, you will work on the Canadian Armed Forces' Land Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance and Reconnaissance (LC5ISR) program. The LC5ISR provides the Armed Forces with a highly integrated tactical system comprised of communication systems such as radios and telephony, core networking systems that connect intelligence and surveillance assets, battle management systems that enable streamlined operations, and information management systems that process large amounts and types of data. The SoS SE team plays a key

role in defining the architecture and overall design of the LC5ISR "System-of-Systems".

Key Responsibilities:

• Work with the customer, the Department of National Defence (DND) to elicit and define operational requirements and desired capabilities.
• Develop activity, sequence, use case, and block definition diagrams to describe mission scenarios and use cases.
• Develop system requirements, interface specifications, and end-to-end information flows.
• Manage the traceability of higher-level requirements to lower-level requirements and to test artifacts.
• Utilize Model-Based Systems Engineering (MBSE) techniques to develop Operational and System Views according to DNDAF/DoDAF.
• Support testing activities including verification and validation of requirements, writing test cases, and producing Verification Cross Reference Matrices (VCRMs).
• Present status updates and conduct reviews with internal and external stakeholders.
• Assume responsibility for deliverables, work products and ensure you are meeting program commitments and achieving program milestones.

Additional Information

We believe the unique contributions of each of our colleagues are key in our ability to drive innovation. By fostering a culture of belonging, encouraging idea sharing at all levels, and reinforcing the very real impact of what we do, we offer an environment where everyone can take pride in their work. If you require accommodation during any stage of the application process, please contact Human Resources via recruitment@gd-ms.ca.

Job Requirements

Qualifications

Required:

• Demonstrated initiative and strong verbal and written communications skills.
• The ability to work effectively both independently and in a team environment, with minimum supervision.
• Demonstrated capability of meeting commitments and delivering high quality work products.

Desired:

• Any applicable system engineering or related experience.
• Experience working with requirements.
• Experience diagramming system elements using block diagrams, sequence diagrams, and behavioural diagrams.
• Experience conducting technical analysis and documenting and communicating the results.
• Experience with Agile ceremonies and work execution techniques (Scrum, PI Planning, Story Points, etc.).
• Knowledge of Systems Engineering standards and best practices (such as INCOSE).
• Experience working with a government customer in a direct or indirect capacity.

It is a requirement that General Dynamics Mission Systems-Canada be registered with the Canadian Controlled Goods program and that all of its workforce be security assessed. Successful applicants must meet all applicable security requirements, including but not limited to the ability to obtain and maintain a Canadian government security clearance. Applicants may be required to meet additional security requirements in order to gain access to technical data, classified areas or information that is subject to international regulations. You must be eligible to work in Canada.

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website

Cover Letter Required?   Optional

Special Application Instructions

Application Link:

https://gdmissionsystems.ca/careers/co-op-winter-2026-systems-engineer-sos-8-months-ottawa-on-ca-ref858k-opportunity

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website. Applications are accepted on a rolling basis and the posting may be expired at any time by the employer as submissions are received. Students should submit their applications as soon as they are ready.