

Job Posting:174435 - Position: W26 Radar Systems Engineering CO-OP Student Winter 2026 174435

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/23/2025 11:59 PM
Application Method:	Through Employer Website
Posting Goes Live:	10/15/2025 04:17 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	NAV Canada - Engineering
Address Line 1	P.O. Box 3411 Station 'T'
City	Ottawa
Postal Code / Zip Code	K1P 5L6
Province / State	ON
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
 Job Title 	W26 Radar Systems Engineering CO-OP Student Winter 2026 174435
Position Type	Co-op Position
Job Location	Ottawa, ON
Country	Canada
Duration	4 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List
Job Description	

Radar Systems Engineering CO-OP Student Winter 2026

JR-7417

Application Deadline: **2025-10-23**

Job Summary

As a member of the Surveillance System Engineering Team; the Surveillance Engineering Student will be involved in new and ongoing development and engineering support of Air Traffic Control surveillance systems.

You will have a diverse set of responsibilities which can include develop/enhance software, data analysis, system and software testing.

In this work term, the primary task for the student will be able to work individually and within a Scale Agile Framework (SAFe) Team on refactoring our Radar Software.

Job Description

Who are we:

NAV CANADA is the world's second largest Air Navigation Service Provider. We are a private company that operates mission critical systems that are fundamental to the safe and efficient service that manage 12 million aircraft movements a year.

As a member of the Surveillance System Engineering Team; the Surveillance Engineering Student will be involved in new and ongoing development and engineering support of Air Traffic Control surveillance systems.

You will have a diverse set of responsibilities which can include develop/enhance software, data analysis, system and software testing.

In this work term, the primary task for the student will be the ability to work individually and within a modified Agile Team on developing and refactoring our surveillance maintenance and toolchain software.

Why Us:

- Get real experience in programming, and system engineering.
- Learn to use code change management, requirements management, code review and testing tools.
- Learn to the different aspects of working in a Scaled Agile Framework.
- Get hands on experience with system deployment and testing.

Responsibilities

- Software development (C/C++/Python/JavaScript) and testing
- System Hardware installation, setup and testing
- Create test plans, procedures and scripts
- Support life cycle support activities of current systems and lab environments

Work Location

• This is a hybrid role with onsite work minimum of 3 days a week at the Ottawa Technical System Centre - 280 Hunt Club Road

• Our TSC Facility has:

- public transportation access
- Free parking
- Free onsite gym

NAV CANADA is committed to building a skilled, diverse workforce reflective of Canadian society. If you do not believe that you match every job requirement listed on this job posting, we still encourage you to apply. NAV CANADA encourages a culture of learning and growth, and recognizes that although some technical skills are mandatory, many others can be taught.

Our Company strives to create an inclusive and barrier-free selection process and work environment. If you require accommodations during this competition process, please ensure that you inform the interview coordinator or hiring manager of any accommodation measures you may require. NAV CANADA will provide accommodations throughout the recruitment and selection process to applicants with disabilities as required.

The successful candidate must meet the security requirement of the position and be legally able to work in Canada.

We thank all applicants for their interest; only those selected for next steps will be contacted.

Job Requirements

Desired Skills

- Good understanding of programming
- Good understanding of operating systems
- Good understanding of Networking
- Good oral and written communications in English
- Ability to work independently and in a team environment

Programs and Level

- Graduate student working towards a degree in Engineering, Computer Science, or similar technical discipline.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Special Application Instructions

Application Link:

https://navcanada.wd10.myworkdayjobs.com/en-US/NAV_Careers/job/Ottawa/Radar-Systems-Engineering-CO-OP-Student

Winter-2026_JR-

7417?locationHierarchy1=664e973c51c9010edc4836027c097f10&locationHierarchy1=664e973c51c901b3768d33027c097c10&locationHierarchy1=664e973c51c90155a7ce3b027c098510&locationHierarchy1=664e973c51c9013f090439027c098210&locationHierarchy1=664e973c51c901a056a730027c097910&locationHierarchy1=664e973c51c9014989fb2a027c097310&locationHierarchy1=664e973c51c9010632ff26027c097010&locationHierarchy1=664e973c51c9018f62aa23027c096d10

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.