

Job Posting:174182 - Position: S26 Systems Engineering Intern 174182B

Co-op Work Term Posted:	2026 - Summer
App Deadline	10/14/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	10/07/2025 02:48 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Hexagon
City	Calgary
Province / State	AB
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
 Job Title 	S26 Systems Engineering Intern 174182B
Position Type	Co-op Position
Job Location	Calgary, AB
Country	Canada
Duration	12 months
Work Mode	In-Person
Salary Currency	CAD
Salary	0.0 per hour for 0 Major List

Job Description

Job ID 2025-2847

Category Technical / Engineering

Type Intern

Company : Name NovAtel Inc.

Hexagon Autonomous Solutions, is looking for an **Systems Engineering Intern (Geomatics / Electrical Engineering / Computer Engineering)** to join our high-tech engineering and manufacturing company for the period of May 4, 2026, to April 30, 2027. To support our focus on delivering high quality products, we are looking for an enthusiastic internship student to add to our **Systems Engineering Team**. This role offers you the opportunity to work with a cross-functional team on upcoming product designs, as well as with the technical customer liaison for product improvements. You will gain a big-picture view of the complete life cycle of Global Navigation Satellite Systems (GNSS) receiver cards, from concept through design, to integration and verification, and finally manufacturing and field support. You will be deeply involved in significant aspects of the overall receiver design, primarily RF design and performance optimization.

The Location: Hexagon is a global company with locations around the world. This position is based onsite in Calgary, AB.

Responsibilities

Under the guidance of senior design staff, the **Systems Engineering Intern** responsibilities will include:

- Gain an understanding of the system through development of test/characterization plans
- Test set-up, test automation, manual testing and debugging, data collection, and data analysis
- Develop analysis tools through scripting, graphing, and other means
- Write test reports

- Conduct design and test reviews with a cross-functional design/test team
- Presentation of test/analysis results and recommendations
- Interface with Manufacturing to optimize production yield
- Analysis of characterization and sustaining data for fielded products

The Company: Hexagon is a global leader in digital reality solutions, combining sensor, software, and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality, and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications. You'll be joining over 24,000 people in 50 countries on the leading edge of your field. This position is with Hexagon Autonomous Solutions, a global technology leader, pioneering end-to-end solutions for assured positioning and autonomy on land, sea, and air. Our work touches every aspect of life, from sustainability on Earth to enabling autonomy. Come see why we are recognized as one of Alberta's Top 75 Employers since 2020!

Applicants who require accommodation in the job application process may contact Human Resources at hrrcruitingteam.ap@hexagon.com.

Job Requirements

Qualifications

Must-Have:

- Registered in the Engineering Internship/Co-op program and have completed your 2nd year of studies prior to the start of your work term
- Enrolled in **Electrical, Geomatics, Systems, Software, or Computing Engineering** at an accredited post secondary institution
- Graduate and Post-Graduate students will be given strong consideration
- Available for a minimum 12 month work term
- Strong academic credentials
- Strong written and verbal communication skills
- Strong debugging and problem solving skills

Key Success Factors:

- Willingness to learn and dig into aspects of complex systems
- Analytical and troubleshooting skills
- Ability to manually debug hardware and/or software problems to identify root causes
- Able to work in a collaborative team environment
- Confident Self-starter
- Attention to details
- Detail oriented person able to follow complex instructions with a "first-time right" attitude
- Motivated by challenging work
- You are comfortable working individually but know when to ask for help

Nice-to-Have:

- C++, Matlab/Simulink, Python, Batch, or other scripting languages
- Microsoft Power BI or other data analysis tools
- Familiarity with version control systems, such as Git, for managing code and collaboration
- Basic understanding of RF/digital circuits, and GNSS principles
- Hands on experience using common lab equipment, such as oscilloscopes, spectrum analyzers, signal generators, and data logging programs
- Previous wireless communication and Radio Frequency (RF) experience would be an asset
- Digital Signal Processing (DSP) knowledge would be an asset
- If you are a UofC student, Electrical Engineering 471: Introduction to Communication Systems and Networks is a useful course for you in this position

Not sure if you meet all the qualifications for this role? Let us decide! At Hexagon, we are committed to a diverse and inclusive work environment. If you're excited about the opportunities this role could bring, we encourage you to apply. For any questions about the role or our company, please email our team at hrrcruitingteam.ap@hexagon.com and we will be pleased to follow up with you. Please do not send cover letters or resumes to this address.

Citizenship Requirement

N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Special Application Instructions

Application Link: <https://careers-hexagonpositioning.icims.com/jobs/2847/systems-engineering-intern/job?mobile=false&width=1148&height=500&bga=true&needsRedirect=false&jan1offset=-480&jun1offset=-420>

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.