

Job Posting:173779 - Position: S26 Engineering/Development Intern/Co-op 173779

Co-op Work Term Posted: 2026 - Summer
App Deadline 10/07/2025 07:00 AM
Application Method: Through Employer Website
Posting Goes Live: 09/23/2025 03:24 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization MKS Instruments
Address Line 1 130-13500 Verdun Place
City Richmond
Postal Code / Zip Code V6V 1V2
Province / State BC
Country Canada

JOB POSTING INFORMATION

Placement Term 2026 - Summer
** Job Title ** S26 Engineering/Development Intern/Co-op 173779
Position Type Co-op Position
Job Location Richmond, BC
Country Canada
Duration 4 months
Salary Currency CAD
Salary 32000.0 per year for 0 Major List

Job Description

Job Title: 2026 Summer Engineering/Development Intern/Co-op (R14403)

Job ID: R14403

Day in Your Life at MKS:

MKS Instruments' OSP division designs, manufactures, and distributes a wide range of optical sensors and systems to measure temperature and position. These products improve performance and enable innovation for our customers and are used in the semiconductor and other high technology industries. Our clients provide solutions to some of the biggest semiconductor manufacturers whose products can be found in everyday electronic devices, cellphones, smart watches, TVs, and computers. Photon Control was recognized for its best-in-class performance from our main customers. In this role, you will report to the Principal Optical Engineer.

MKS Instruments is seeking an exceptional Engineering/Development Co-op intern to join the team. In this position, you will play a key role in supporting the development of new technologies and products. The intern will report to a supervisor within the Engineering group and will complete tasks as outlined below during their tenure. This position offers an outstanding opportunity for growth and development through hands-on exposure to a wide range of technical activities, including one or more of the following:

Intern/Co-op Term: This is a 4-month internship/co-op from May 2026 to September 2026. Candidates must be available for the entire duration of the assignment.

Undergraduate Intern / Co-op Program Overview-

- Intern/co-op within a functional area of MKS Instruments that provides students a comprehensive and engaging experience from before your program starts to after the program ends.

- Meaningful work and project assignments
- Networking opportunities with peers and executives
- Exposure to different divisions of the business
- Understanding of MKS Instruments' commitment to inclusion and belonging.

You Will Make an Impact By:

- Participating in the design, implementation and analysis of experiments to evaluate and understand the characteristics of precision temperature and position sensing technology and products.
- Participating in the design, simulation, construction and validation of new test equipment.
- Learning about and participate in the set up and calibration of optical and thermal characterization equipment.
- Developing and maintain test documentation, including test plans, test procedures, and test reports.
- Using statistical analysis software to analyze data and draw data-based conclusions.

Compensation and Benefits:

Salary Pay Range: \$32,000 - 52,000 pro-rated to the term of your contract. This range is a reasonable expectation of pay for this position, based on a wide range of factors including qualifications, experience, education, training, operational and business needs and other considerations. At MKS, it is not typical for an individual to be hired at or near the top of the range for the role.

The application period for the intern/co-op position is estimated to be through the end of December 2025; however, this may be shortened or extended depending on business needs and the availability of qualified candidates

MKS is an equal opportunity employer, including disability, veteran status and all categories protected by law. Please review our EOE statements for additional details.

#LI-DNI

Job Requirements

Skills You Bring:

- Enrolled in a Bachelor's Degree program in Engineering, Mechatronics, Physics or relevant majors.
- Excellent technical, analytical, problem-solving skills, with systematic analytical interpretation of data and strong attention to details.
- Good comfort level with hardware, lab equipment and hands on troubleshooting.
- Programming, for example using Python, LabView or MATLAB.

Physical Demands and Working Conditions:

- Perform activities such as sitting, standing, or typing for extended periods of time
- Regularly requires good manual dexterity and coordination
- Must be able to communicate information and ideas so others will understand
- Must be able to exchange accurate information
- The ability to observe documents and details at close range (within a few feet of the observer)
- Operates in a professional office environment
- Constantly operates a computer and other office productivity machinery
- Noise level in the work environment is usually average

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Special Application Instructions

Application Link:

https://app.ripplematch.com/v2/public/job/42c189c0?from_page=company_branded_page

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.