Job Posting:175513 - Position: W26 COOP/Intern Optical System Engineer 175513

Co-op Work Term Posted:	2026 - Winter
App Deadline	11/28/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	11/18/2025 03:34 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Ciena Canada
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 COOP/Intern Optical System Engineer 175513
Position Type	Co-op Position
Job Location	Ottawa, ON
Country	Canada
Duration	4 months
Salary Currency	CAD
Salary	25.0 per hour for 0 Major List
Salary Range $	$25.00 - $34.00

Job Description

Job Title: COOP/Intern Optical System Engineer

Job ID: R029481

As the global leader in high-speed connectivity, Ciena is committed to a people-first approach. Our teams enjoy a culture focused on prioritizing a flexible work environment that empowers individual growth, well-being, and belonging. We're a technology company that leads with our humanity-driving our business priorities alongside meaningful social, community, and societal impact.

The Opportunity:

Optical Networks Intern - Powering AI at Scale

The Autonomous Photonics Networks team designs and develops state-of-the-art optical network technologies and automation tools that deliver massive bandwidth, ultra-low latency, and highly reliable connectivity - essential for powering large-scale AI training and inference. Our mission is to ensure that cloud and data center networks can seamlessly transport enormous volumes of data between compute clusters, enabling AI innovation at scale.

You will:

- Perform laboratory measurements and characterization of optical devices (e.g., optical filters, optical amplifiers, multiplexers, splitters) to support network design and deployment.
- Automate lab workflows, data acquisition, and analysis using Python or Matlab.
- Collaborate with senior engineers on experiments that ensure optical systems meet the performance requirements for AI workloads in data center and inter-data center environments.

This role offers hands-on exposure to the photonic and packet networking systems at the heart of the infrastructure used to train and deploy AI - bridging advanced optical engineering with high-performance computing needs.

The hourly pay range for this position is $25.00-34.00

Pay ranges at Ciena are designed to accommodate variations in knowledge, skills, experience, market conditions, and locations, reflecting our diverse products, industries, and lines of business. Please note that the pay range information provided in this

posting pertains specifically to the primary location, which is the top location listed in case multiple locations are available.
In addition to competitive compensation, Ciena offers students access to the Employee Assistance Program (EAP), company-paid holidays, paid sick leave, and vacation pay as required by applicable laws.
Not ready to apply? Join our Talent Community to get relevant job alerts straight to your inbox.
At Ciena, we are committed to building and fostering an environment in which our employees feel respected, valued, and heard.
Ciena values the diversity of its workforce and respects its employees as individuals. We do not tolerate any form of discrimination.
Ciena is an Equal Opportunity Employer, including disability and protected veteran status.
If contacted in relation to a job opportunity, please advise Ciena of any accommodation measures you may require.

Job Requirements

The Must Haves:

• We are looking for a motivated individual with a strong interest in optical networking and hands-on lab work.

Preferred skills include:

• Proficiency in Python or Matlab for automation, data processing, and instrument control.
•Experience performing optical measurements such as insertion loss, gain, noise figure, return loss, spectral analysis, and channel isolation testing.
•Understanding of optical components and their roles in DWDM and data center interconnect systems.
•Basic knowledge of optical fiber connectors, connector cleaning/handling practices, and connector inspection.
•Familiarity with optical test equipment such as optical spectrum analyzers (OSA), optical power meters, tunable lasers, and BER testers.
•Strong mathematical or statistical skills applicable to signal analysis and network performance evaluations.
•Clear written and verbal communication skills for documenting procedures, test results, and collaborating across engineering teams.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website
Cover Letter Required? Optional
Special Application Instructions

Application Link:

https://ciena.wd5.myworkdayjobs.com/en-US/Careers/job/Ottawa/COOP-Intern-Optical-System-Engineer_R029481?q=co-op&source=LinkedIn%20Job%20Advertisement&workerSubType=ac99acc6fb6b108fe66503995497ae7c

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.