



## Benefits of hiring a Niagara College Co-op student

NEW TALENT | STAFF COVERAGE | PEAK SEASON | SPECIAL PROJECTS

A three-year, hands-on program that prepares students with practical skills in the design, testing, installation, and maintenance of electronic systems, including telecommunications, fibre optics, embedded systems, robotics, PLCs, and industrial automation.

## Student Competencies:

- Specify, select, design, construct and troubleshoot DC and AC analog circuits
- Select and specify digital components and circuits to meet design specifications
- Analyze and solve digital circuit design and functionality issues
- Use appropriate programming environment, design, build and debug VHDL code for use in programmable logic device (PLD)
- Construct, test and evaluate communications circuits and systems
- Select and use test or measurement instrumentation, including spectrum analyzers, signal monitoring and logging tools, oscilloscopes and protocol analyzers
- Design microprocessor and microcontroller based systems using computer related hardware and software
- Specify, select, design, build and troubleshoot automated control systems for industrial applications

## Our students have enhanced organizations in these areas:

- RF and microwave devices and circuits
- Communication systems
- Industrial control systems
- Consumer electronics and wireless applications

Academic & Co-op Work Schedule			
Year	Fall Term	Winter Term	Summer Term
1	Study	Study	
2	Study	Study	Work
3	Work	Study	Work
4	Study		

Co-op work term requirement is 400 hours.

Post your employment opportunities at [mycareer.niagaracollege.ca](https://mycareer.niagaracollege.ca)

## Career Services

For information about hiring,  
please contact us at:  
**905-641-2252 ext. 7777**  
[nccareerservices@niagaracollege.ca](mailto:nccareerservices@niagaracollege.ca)

Ask us about the  
(up to)

**\$3,000**

**Co-op  
Education  
Tax Credit**