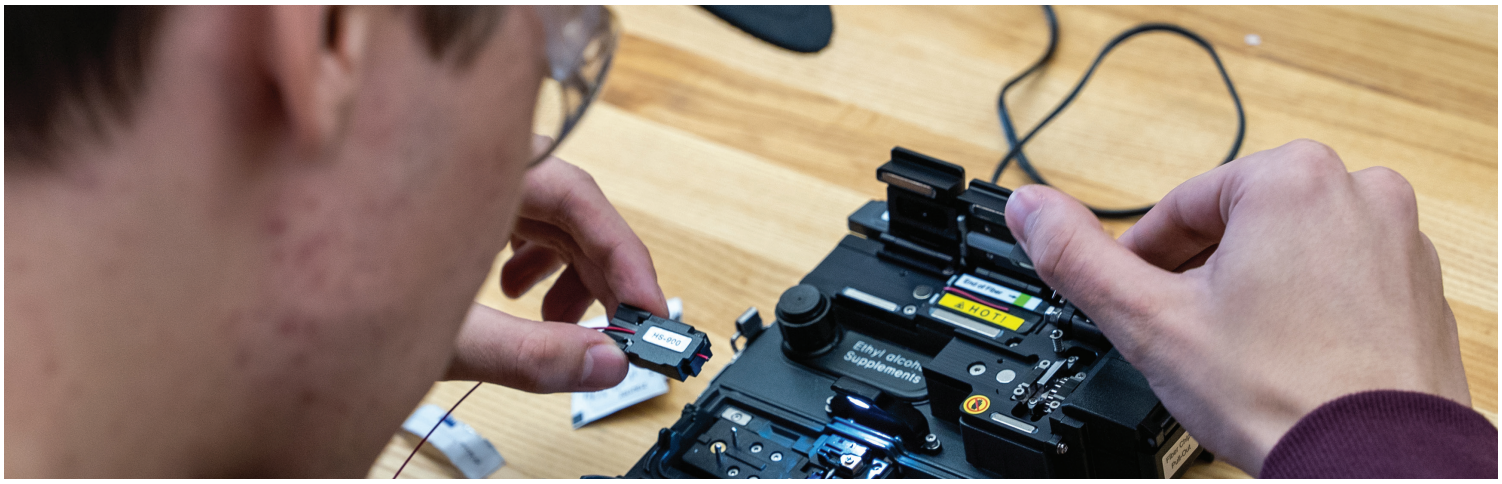
Electronics Engineering Technology (Co-op)

Niagara College



Benefits of hiring a Niagara College Co-op student

NEW TALENT | STAFF COVERAGE | PEAK SEASON | SPECIAL PROJECTS

Three year program focused on the testing, maintenance, installation and servicing of electronic components and equipment including diagnostic imaging, telecommunications and fibre optics

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**

Career Services

For information about hiring, please contact us at:

905-641-2252 ext. 7777

nccareerservices@niagaracollege.ca

Ask us about the (up to)

$3,000

Co-op Education Tax Credit