

Electrical Engineering Technology (Co-op)



Benefits of hiring a Niagara College Co-op student

NEW TALENT | STAFF COVERAGE | PEAK SEASON | SPECIAL PROJECTS

Three year program curriculum focused on electrical power generation, transmission, distribution and PLCs, along with renewable energy, power electronics and microcontrollers.

Student Competencies:

- Design and specify electrical equipment installations, including electrical machines, machine control, motor control centres, metering and grounding systems
- Apply Canadian Codes to the design of electrical systems
- Apply dedicated software in the design and modeling of power systems, protection and coordination
- Design and specify single-phase and three-phase transformer installations
- Commission, test and maintain electrical machines.
- Design, test, debug, commission and maintain programs for programmable logic controllers (PLCs)
- Analyse, specify, design and installations of renewable and sustainable energy resource systems

Our students have enhanced organizations in these areas:

- Electrical power generation, power distribution, protection and control
- Utility planning, metering and energy conservation
- Electrical construction and maintenance
- Renewal energy systems (wind and solar)
- Power electronic systems (grid-tie and micro controllers)
- Industrial automation (PLCs and VFDs)
- Process control systems (motion and robotics)

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