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CO-OPERATIVE EDUCATION.
**CAREER OPPORTUNITIES
FOR A COMPLEX WORLD.**

BCIT

Heating, Ventilation, Air Conditioning and Refrigeration Technician

BCIT PREPARES STUDENTS TO HIT THE GROUND RUNNING

The Heating, Ventilation, Air Conditioning and Refrigeration (HVAC+R) Technician program at BCIT is a two-year program that combines classroom and shop instruction with co-operative education experience in industry. First-year students learn about direct refrigeration systems and second-year students cover topics focused on HVAC systems design, operation, and controls with an emphasis on diagnosis, service requirements, and procedures.

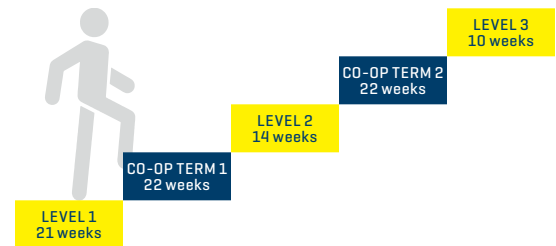
WHAT CAN BCIT STUDENTS DO?

Depending on whether the student is embarking on their 1st or 2nd work term, students have received instruction and training on:

- Trade safety practices and technical information
- Fundamentals of refrigeration and service procedures
- Electrical fundamentals, diagrams, and equipment testing
- Installation of electrical devices and refrigeration projects
- Design refrigeration system and HVAC distribution system
- Heat pump systems, gas heating system, and computer
- Environmental systems
- Ammonia systems/water treatment
- Air distribution arrangement, air properties and measurements
- Heat/cool load calculations

WHEN CAN BCIT STUDENTS WORK?

Students complete two mandatory work terms. They are available for 22 weeks from September to January, and again from May to October.



WHY HIRE A CO-OP STUDENT?

- **Gain a fresh perspective:** students provide innovative thinking rooted in hands-on, industry aligned training
- **Impact the curriculum:** as an industry expert, you influence the content and relevancy of BCIT programs
- **Expedite the recruitment process:** fill temporary positions and assess the fit of prospective employees
- **Mentor the new generation:** with your support, students develop the skills necessary for success

HIRING PROCESS

- 1** Send your job posting to the Co-op Coordinator.
- 2** Review applications.
- 3** Interview candidates. If desired, BCIT will set up interviews.
- 4** Hire a BCIT student and notify the Co-op Coordinator.

PARTNERS IN EDUCATION

As a co-educator, you:

- Develop accurate and informative job descriptions
- Determine a fair and appropriate wage
- Provide meaningful employment in the student's field of study
- Establish clear work objectives with the student's progress
- Participate in on-site visits with the co-op coordinator to evaluate the student's performance

CO-OP COORDINATOR
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**SHAPE THE FUTURE WORKFORCE.
HIRE A BCIT STUDENT.**

bcit.ca/trades-co-op

