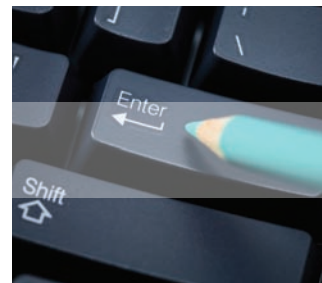


OPPORTUNITIES FOR IT AND COMPUTING EMPLOYERS



CO-OPERATIVE EDUCATION
bcit.ca/co-op/computing

INDUSTRY SPONSORED STUDENT PROJECTS
bcit.ca/cas/issp



OPPORTUNITIES FOR IT AND COMPUTING EMPLOYERS

Table of Contents

Overview 4
BCIT's Computer Systems Technology (CST)
and Computer Information Technology (CIT) Programs 4
Capability of CST /CIT Students 5

Co-op 6
What is Co-operative Education? 6
Co-op Student Profile..... 6
Timing and Duration of Co-op 7
How can Co-op Benefit Employers? 7
How to Hire a Co-op Student 8

ISSP..... 9
What is the Industry Sponsored Student Project (ISSP) Program? 9
How ISSP Works..... 9
Project Profile 10
How to Submit an ISSP Project..... 10

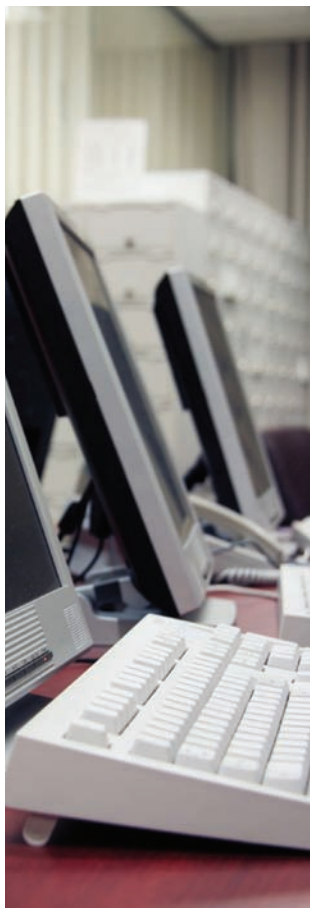
Job Placement..... 10
Hiring a CST/CIT Student or Graduate..... 10

Contacts 12



A POLYTECHNIC INSTITUTION

The mission of BCIT is to build pathways for career success in the global marketplace through teaching excellence and applied education and research.



OVERVIEW

Many Opportunities for Employers at BCIT

BCIT is well known for producing graduates with practical experience directly applicable to the real world. In the area of IT and Computing, there are three options available to employers:

Co-operative Education — page 6

Industry Sponsored Student Projects (ISSP) — page 9

Job Placements — page 10

BCIT's CST and CIT Programs

We have a long-standing reputation in the IT industry for producing strong computing graduates who meet the hiring needs of the IT industry. Our programs are current, focus on hands-on learning, and build superb soft skills including teamwork and communications. Our two diploma programs, Computer Systems Technology (CST) and Computer Information Technology (CIT), offer co-op placements.

While the programs share a number of similarities, the CST program has a stronger focus on systems and software development as compared to the IT and systems integration focus of the CIT program. Both programs offer two-year diploma and four-year degree paths.

Capability of CST/CIT Students

CST and CIT students are able to meet the basic IT needs of organizations from different industries including software development, finance and banking, telecommunications, entertainment, healthcare, government agencies and small businesses.

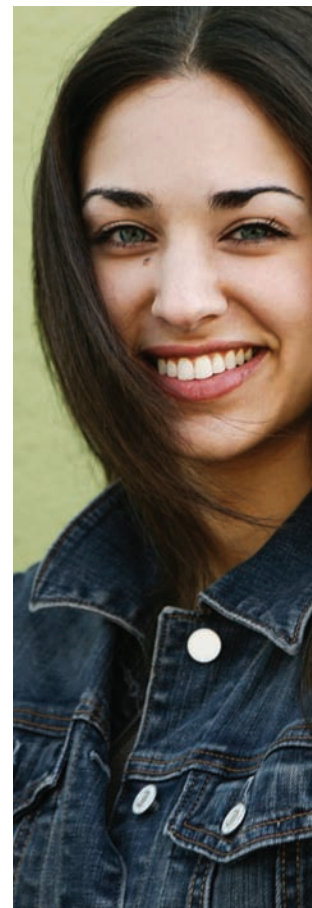
Students are introduced into industry after completing the first half of their diploma program. Students in industry will be trained in the following fundamental technologies:

- > Programming (Java)
- > Web development
- > Database systems (modeling, SQL programming)
- > Software development processes
- > Communication (oral and writing) skills.

With our programs' heavy emphasis on hands-on training, time management, and teamwork skills, students will perform well in a wide variety of IT roles, including:

- > Programmer
- > Web application developer
- > Database application developer
- > Business analyst
- > Testing/quality assurance
- > Technical support.

To find out more about our two diploma programs, please visit bcit.ca/computing.





CO-OP

What is Co-operative Education?

The BCIT Co-operative Education program provides students with opportunities to grow both personally and professionally through career-related employment experiences. The paid job placements allow students to enhance their skills with relevant, practical experience. Employers are also provided with valuable short-term resources to help with their IT staffing needs. The BCIT co-op office coordinates the placement process, and provides continual work term support for employers and students.

Co-op Student Profile

Co-operative education is available to students at the diploma level for the CST and CIT programs. Students complete four academic terms and a minimum of two work terms over a three-year period to meet their co-op diploma requirements. All students enrolled in the co-op program must meet our high qualification criteria and complete at least two academic terms successfully, as well as pre-employment training, before their first work term.

In the academic terms prior to placement, BCIT CST and CIT students are armed with the basic software development and IT skills needed to perform well in their co-op positions. Students are taught basic programming, web development, software process, database, business, and communications skills. Depending on which program (CST or CIT), students also learn basic networking, human computer interface design, or C programming.

For the complete curriculums by level, please visit
bcit.ca/co-op/computing/employers/capabilities

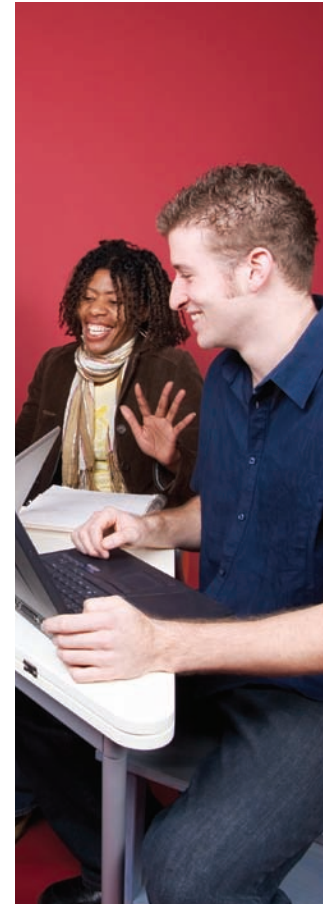
Timing and Duration of Co-op

Students are available for four-, eight- or 12-month work terms. Work terms commence in September, January and May of each year. Employers are encouraged to submit job descriptions two to three months before the hiring start date.

How can Co-op Benefit Employers?

BCIT's well-structured and effectively managed co-operative education program offers employers the opportunity to get work done in a cost-effective manner. Employers have found the co-op program to be an effective recruiting model, providing the following benefits:

- > Access to motivated, skilled, and productive contract employees
- > Opportunity to effectively evaluate potential permanent employees
- > Reduced recruiting costs and improved retention through a better match of individual and position
- > Increased visibility in attracting qualified personnel.





Services provided by the BCIT co-op office to ensure the quality of our co-op programs:

1. Post job descriptions and process student applications.
2. Pre-select top-quality students for the co-op program for employers to review.
3. Arrange interview times for employers and students.
4. Provide on-going support to employers and students during the work term.

How to Hire a Co-op Student

Please contact the BCIT co-op office if you are interested in offering co-op positions to our students. See the back of this brochure for contact information.

The Hiring Process

1. Employers provide the BCIT co-op office with a job description.
2. The Co-op office provides employers with a list of interested candidates.
3. Employers review the student job applications and select the students to interview. Interviews may be conducted at BCIT or the employer's workplace.
4. Upon completion of the interview, employers are asked to advise the co-op office of their choice.
5. The co-op office will confirm acceptance with the student.

ISSP

What is the Industry Sponsored Student Project (ISSP) Program?

The Industry Sponsored Student Projects program (ISSP) provides students in the CST and CIT programs an opportunity to complete real-life industry projects as a component of their education. Students work in teams or individually with an industry client, proceeding through the entire development lifecycle to develop a complete IT or software solution.

How ISSP Works

Students undertake ISSP projects at both the diploma and degree levels of their programs.

Diploma students:

Final year diploma students work in teams of four or five over a 15-week period starting in September and January of each year. Students carry out the project on a part-time basis parallel with ongoing coursework. There is also some opportunity for teams to undertake five-week, full-time projects in May of each year.

Degree students:

Students at the degree level undertake ISSP projects as part of their capstone practicum. These students are matched with individual projects equivalent to between four to eight months of full-time work, and are generally flexible in terms of workload and scheduling.

Whether a diploma or degree project, there is no charge for the execution of projects. However, industry sponsors are expected to be responsible for the purchase of any extra or special software, hardware, and other resources required to develop and install the project. Additionally, to help recover administration costs, a nominal fee is payable on assignment of the project to an individual or team.





Project Profile

All IT and software development projects are welcome for consideration. As the program is normally oversubscribed, not all projects will be selected. The projects with the best chance of adoption are those that:

- > Offer enough challenge to be rewarding, but are not so open-ended and un-defined that it would make success difficult to achieve
- > Offer an opportunity to apply knowledge already acquired from studies
- > Demonstrate that clients are willing to commit enough time and energy to give students a clear understanding of the client's environment and needs.

How to Propose an ISSP Project

ISSP project submissions are handled through the BCIT Group for Advanced Information Technology (GAIT). Project proposals can be electronically submitted via the Internet or by fax. Further information is available on the ISSP website at bcit.ca/cas/issp or by directly contacting GAIT.

JOB PLACEMENT

Hiring a CST/CIT Student or Graduate

BCIT makes it easy for employers to post job opportunities to our computing students and graduates through eJobs, BCIT's own web-based job posting system. eJobs allows employers to post positions online, specifically targeting computing students and alumni. It is a fast and efficient way for companies to recruit from BCIT. Please see the website at bcit.ca/ses for more information.

Employers are also welcome to contact the CST/CIT program directly for help in student placement and direct referrals, or to find out more about career fairs involving our students. For further information, please contact the CST program assistant at 604.412.7489.

CONTACTS

Co-op

BCIT Co-op Office,
Centre for Workplace Education
Computer Systems Technology/
Computer Information Technology Programs

T 604.432.8753

F 604.434.5192

E computing_co-op@bcit.ca
bcit.ca/co-op/computing/employers

ISSP

BCIT Group for Advanced Information Technology
Industry Sponsored Student Projects

T 604.432.8920

F 604.436.0286

bcit.ca/cas/issp

Student Employment

BCIT Student Employment Services

T 604.432.8666

F 604.435.3122

E employ@bcit.ca
bcit.ca/ses/ejobs

For more program information, contact:

BCIT Computer Systems Technology/ Computer Information Technology

3700 Willingdon Avenue
Burnaby, BC V5G 3H2

T 604.412.7489

F 604.434.4496

E cst_enquiries@bcit.ca
bcit.ca/cas/cit
bcit.ca/cas/cst

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY
3700 WILLINGDON AVENUE
BURNABY, BRITISH COLUMBIA
CANADA, V5G 3H2
bcit.ca/computing

