

#lifeatBCIT

Viewbook 2017/18





There is no better place to prepare for your future than at the British Columbia Institute of Technology® (BCIT). With five campuses across the Lower Mainland, you have the opportunity to choose from more than 300 programs in a number of highly desirable areas of study, including applied and natural sciences, business and media, computing and information technology, engineering, health sciences, and trades. Throughout this Viewbook, you'll see highlights of all that BCIT has to offer, and when you're ready for all the details, head to bcit.ca/lifeatbcit

Each of our programs includes hands-on learning opportunities so you're not just learning theory, you're getting a head start at practicing your new career. BCIT works closely with industry to ensure our programs match employers' needs and that's why organizations across the province—and around the world—know that an education from BCIT is the ticket to success. That's why 92% of employed BCIT degree graduates are working in their field of study compared to the provincial average of 80%.*

BCIT helps create solutions and invents new and better ways of doing things, making a difference in the world. When you choose BCIT, you're opening the door to endless possibilities.

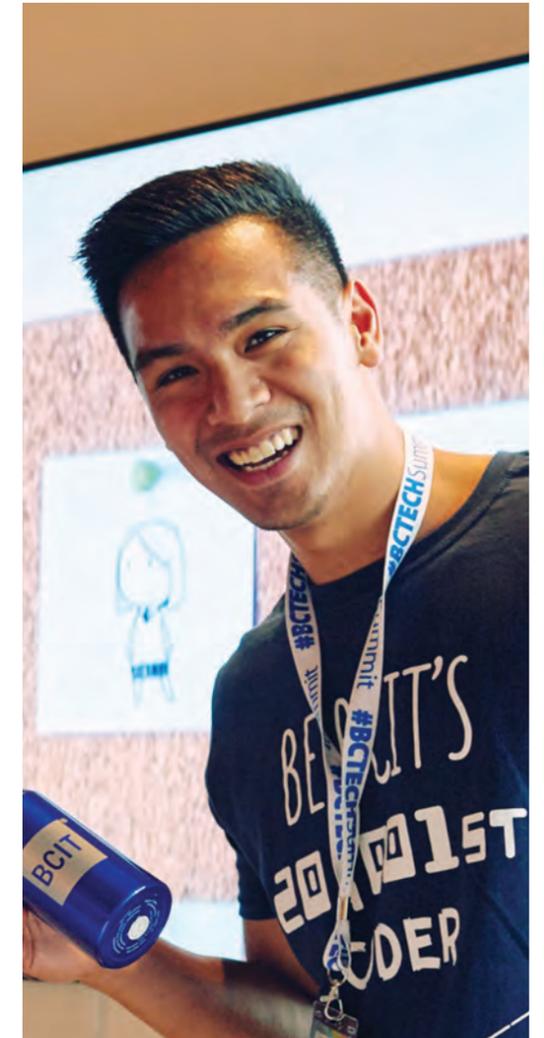




Your Experience Starts Here

As a new student at BCIT, you'll be introduced to the hidden gems only BCIT insiders are privy to. First stop: grabbing a latte at the **Stand** or the **Rix** and settling in with new classmates in the Great Hall to compare notes on your first classes. From there, you'll want to try out all the food options so you can decide on a favourite (insider tip: the **Austin Grill** makes a mean burrito).

Throughout your time at BCIT, you'll find yourself navigating the bookstore, exploring campus with new friends, and taking in the scenes across campus. Whether studying full-time or taking advantage of the flexibility of our part-time study options, BCIT and all it has to offer is yours to discover.



Kevin Pilar, BCIT Ambassador. You'll have the opportunity to meet Kevin at a career fair or he might be the one to give you a tour of the BCIT campus.



Top row, left: Catching the bus after class is convenient with stops heading North and South at Goard Way and Willingdon Ave.

Centre row, left: A barista steams milk for that crucial AM latte at The Rix Café.

Centre row, middle: Computer Systems Technology student Sheldon Lynn puts on a show playing the piano in the Great Hall.

Bottom row, middle: Sun filters through BCIT's main entrance at the Gateway building at Willingdon Ave. and Goard Way.

Get all the details at bcit.ca/lifeatbcit



Design a Better Tomorrow

APPLIED + NATURAL SCIENCES

More than ever, our planet needs our protection and leadership. At BCIT, you can take an active role in how we rise to this challenge and develop innovative solutions. What if you could lead the charge in helping remote communities switch from diesel power to clean energy or prepare our cities to meet the needs of our growing population?

While at BCIT, you'll be challenged to think beyond the classroom and apply your knowledge to real problems. How do we take accepted industry practice and turn it on its head to produce something better or more efficient? Equipped with your education from BCIT, you'll be unstoppable. Choose your path at bcit.ca/appliedsciences



Students from the Fish, Wildlife and Recreation; Forest and Natural Resource Management; Geomatics; Ecological Restoration; and Architectural Science programs joined forces for the Two-Day Challenge, a project that paired complementary disciplines to solve a common goal: creating a development plan and site design to address environmental and social concerns for a parcel of land under the Golden Ears Bridge.

Top: Fish, Wildlife and Recreation + Forest and Natural Resource Management students in the field with instructor Jace Standish.

Left: The new dust extraction system for BCIT's joinery and carpentry shops is the first energy project to be implemented within Factor Four, a living lab initiative at BCIT that aims to reduce materials and energy used in our construction programs. The project has reduced energy consumption by 90% compared to the old system.

Get all the details at bcit.ca/lifeatbcit

Prepare to Lead

BUSINESS + MEDIA

Tall glass towers pulse with energy in the downtown core, and you can be at the heart of it. A startup in Railtown buzzes with creativity, and you can be the entrepreneur who started it. A ground-breaking ad campaign is being pitched, and you're the one who created it. With a business education from BCIT, your career opportunities are unlimited.

Whether you choose to focus your expertise in marketing, international business, finance, or HR, you'll surge ahead with an education that will be recognized and respected by organizations across the province. Businesses will know that as a BCIT School of Business grad you've had hands-on experience during your training, and that you've done business consulting before you even graduated. Get started at bcit.ca/business



Mountain Equipment Co-op CEO David Labistour encouraged graduates at the Winter 2016 convocation ceremonies to *"pursue meaning before happiness... do what you do really well and work really hard at it."*

Top: Jennifer Labrador, an active reservist, was able to use her army training to gain course credit toward a diploma in Human Resource Management, thanks to BCIT's Legion Military Skills Conversion program. She is now completing her Bachelor of Business Administration.

Middle: Marketing Communications students network with industry contacts at the annual Schmoozapalooza event in Yaletown.

Bottom: Join the European Field School hosted each summer in Italy and Austria or France and Spain. During the trip, you'll gain an expanded perspective for your future career. *Image credit: Max Huang, student*





Settle into Student Life

BCIT's education model is designed to prepare you for real-world work environments. It may be tough, but you'll have the services you need to personalize your educational experience, including cultural and social support.

Drop in to the **Aboriginal Services Gathering Place**—a home away from home with access to a kitchen, computer lab, and lounge for all BCIT Indigenous students. At the **International Student Centre** you can meet with fellow international students and get tips on how to make the most of your time at BCIT.

When you hit the wall after a morning of back-to-back classes, you can pop into the nap room or one of the library's sleep pods to catch a few z's before your study group meeting. You can also take advantage of the computer lab and study space in the ehPod, 24/7.

All year round, BCIT and the **BCIT Student Association** host events that will help you find balance between your workload and your social life and wellness. Take part in cooking classes, soak up the sun in Campus Square, or join the Pride committee. Because you know what they say...all work and no play makes for a very boring post-secondary experience!



Top: Join students, faculty, and staff every year and march in Vancouver's annual Pride Parade. You'll even get to apply one of our BCIT Pride tattoos.

Middle: Get your crash course in cooking from the Student Association for free, and you'll soon be on your way to becoming a master chef (or at the very least you'll learn to cook more than mac and cheese in the microwave).

Bottom: Indigenous students gather each year for a special ceremony to celebrate their achievements before graduating from BCIT. Each student is blanketed and presented with a gift.



Shape the Future of Tech

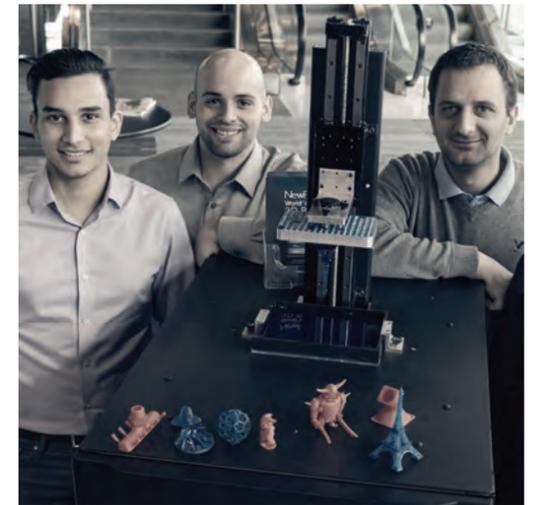
COMPUTING + IT

Vancouver has a unique tech environment, with startups booming, anchoring themselves in the city, and growing exponentially. With 20,000** coders from BCIT contributing to the tech industry, you could be the next big success.

BCIT's Computing and Information Technology programs and courses will put you on track to develop new software, design best-selling video games, or build user-friendly websites. Your training will put you directly on the road to launching your own startup or starting your career with one of the world's tech leaders. Investigate the possibilities at bcit.ca/computingit



While at BCIT, you'll have a chance to work on industry-sponsored student projects. Computing and IT students have done everything from developing software to help children with cystic fibrosis to creating apps for non-profits like the Salvation Army.



Get all the details at bcit.ca/lifeatbcit

Top: Thinking of pursuing a career in IT? You'll learn in small classrooms with passionate instructors like Computer Information Technology program head, Bethany Edmunds.

Right: BCIT alumni participated in the annual #BCTECH Summit. You could have the opportunity to show off a newly designed video game, demonstrate a 3D printer, or share your vision for the future at the next summit.



Invent Creative Solutions

ENGINEERING

Ever wonder how you can make something work better, smarter, or faster? If so, engineering is a career path that will give you the skills to do just that. Taking principles of math and science and applying them to complex problems, you'll lead the way in building key infrastructure, developing ground-breaking medical devices, and unlocking new energy efficiencies.

Engineering has many facets that span sectors across the province. With your engineering education from BCIT, you could work to reduce noise pollution in our growing cities, help disabled patients communicate more clearly with those around them, or work to reduce the environmental impact of mining operations. Your vision and curiosity are the only limits to what is possible. Explore your options at bcit.ca/engineering



BCIT grads shoot for the stars and sometimes they actually get there. Andrei Dobrianski, an Electrical and Computer Engineering grad, along with his brother Sergei Dobrianski, a Computer Systems Technology grad, have teamed up with their family to compete for the \$30 million Google Lunar XPRIZE. They are the only Canadian team vying to land a robotic spacecraft on the moon and their work is being conducted at BCIT's Applied Research facility.

Left: Faculty like Electrical Engineering instructor Rosamund Russell have vast industry knowledge that will be shared with you in the classroom.

Middle: BCIT Interior Design, Civil Engineering and Architectural Science students collaborated with HAWK University in Germany to create the Connection Lounge: a wired meeting pavilion symbolizing global connections between students in a digital world.

Right: Watch Vehicle in a Box, an annual competition of speed and skill where Technology Teacher Education students assemble and race their own vehicle designs.

Care for the World Around You

HEALTH SCIENCES

A career in health care provides the ultimate return on investment—knowing that every day you're doing something that helps make people's lives better. BCIT offers a comprehensive selection of programs in health sciences, supporting you through everything from nursing to medical diagnostics and treatment.

Choose from some of the only prevention-based health programs of their kind in BC, like Food Technology, Environmental Health, and Occupational Health and Safety. BCIT's Nursing program is one of the largest in the province and has ten specialty nursing post-graduate programs to help you find your niche in the healthcare world.

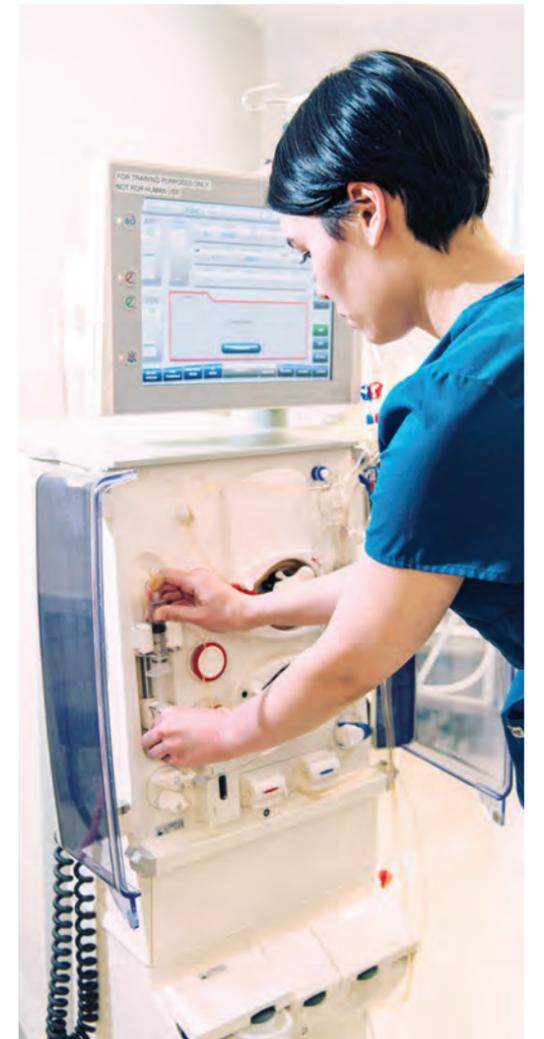
Every day people need healthcare providers to perform X-rays, fit prosthetics, and run medical tests. At BCIT, you can find the exact healthcare field that best suits your goals and aspirations and propel yourself into a career that's meaningful and rewarding. Discover your path at bcit.ca/healthsciences



BCIT faculty member Yvonne Jeffreys and students from the Prosthetics and Orthotics program brought prosthetic care to India. They helped Madhi, a 24-year-old with a spinal cord injury, walk for the first time in four years.

Top: You'll benefit from learning on human patient simulators—computerized, full-sized, anatomically correct mannequins, which give you the opportunity to learn in clinical environments that mimic your experiences on the job.

Right: BCIT grads support the provincial healthcare system in a variety of disciplines, including nuclear medicine, specialty nursing, and cardiac sciences.



Take Time to Hit Pause

It's mid-terms, your birthday, you've completed your first project... it's Friday. No matter what the cause for celebration, you'll have plenty of options to take a breather. Pop on down to **Habitat**, grab a burger or just kick back on the patio and chill.

Be sure to take advantage of your free access to the **Fitness Centre**. It's equipped with cardio machines, free weights, and tons of other equipment to get your workout on. You can also challenge a friend to a squash match or settle in and focus your mind in a yoga class. And those are just a few of the activities and classes available to you. No matter how crazy your schedule gets, make time to de-stress and recharge.

Bottom left: Spike a mean serve? Dominate on the dodgeball court? Join an intramural team of your choice and meet new friends at the same time.

Bottom right: Need some alone time to work out the stress of the day? Hit up the fitness centre—all students have a free membership. Pretty nice perk of being at BCIT.



Sometimes though, all you need is a quiet space to collect your thoughts. The library is the perfect escape from the bustle, and if you need some extra help on an assignment, you can access free peer tutoring through the **Learning Commons** and writing help from the **Writing Centre**.

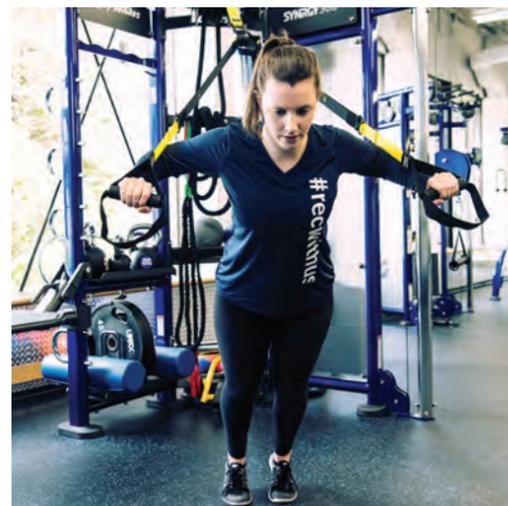
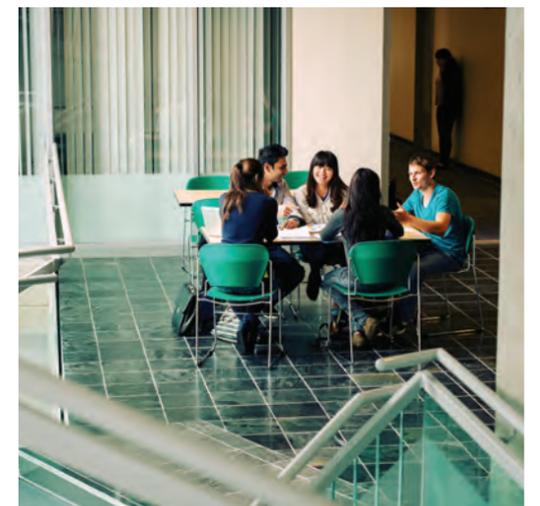
With coursework being your number one priority, set up some time with your fellow classmates for study sessions. Grab a coffee and find a seat on the steps in SW1, or set up shop at a picnic table along Goard Way. BCIT will be like your second home—find your favourite hang-out spot and make it your own.



Get all the details at bcit.ca/lifeatbcit

Middle right: Peer tutors are here to support you through your studies so you can meet all your academic goals.

Bottom right: You can only distract yourself with YouTube videos for so long. Join a study group and you'll find it's a lot easier to hit the books.





Build a Solid Foundation

TRADES, APPRENTICESHIP + TECHNICIAN

You enjoy working with your hands—creating, fixing, and building. Pursuing a career in trades means you can join the thousands of tradespeople in the province who make our economy stronger. You can gain the skills for a career as a gasfitter, HVAC technician, cabinetmaker, or electrician, to name a few, and you'll build a solid foundation for your future.

Your options in trades are vast, and you could find yourself studying at one of our exciting campus locations—**Burnaby, Aerospace, Marine, or Annacis Island**. From jumbo jets and trains, to heavy equipment and ships, to cars and trucks, choosing BCIT for your trades training means having access to the best equipment and instructors in the province. Get started at bcit.ca/trades



Nautical Science students are trained to become seafarers capable of using technical and navigational equipment on a wide range of ships—from large passenger cruise ships to cargo vessels. While on co-op placement, students sail the high seas and visit ports around the world.

Get all the details at bcit.ca/lifeatbcit

Top: Climbing to soaring heights rain or shine, ironworkers brave it all. If you're courageous enough to work suspended from the Port Mann Bridge, a career in ironworking could be for you.

Middle: BCIT and the Pacific Flying Club partner up to offer the Airline and Flight Operations program. In it, you'll learn about aviation safety, crew resource management, survival skills, and airport security systems. Best part though? You learn to fly.

Bottom: A career in joinery opens doors to opportunities in architectural woodworking, furniture and cabinet making, or even constructing the interiors of luxury yachts.



Get the Support You Need

No matter what support you need while at BCIT, you'll find services and caring staff here for you at every turn. **Financial Aid** will run through all the awards, bursaries, and assistance available. The **Disability Resource Centre** will empower you to overcome barriers, visible or invisible, permanent or temporary. There's also housing support to help you find the perfect place to live.

As a student at BCIT, you'll have free access to **Student Health Services**. We've got you covered for everything from flu-shots to birth control, physiotherapy to counselling. No matter what challenges you face, the resources you need to face them are here for you.



The BCIT **Safety Wise** program highlights the many services offered by campus security, from first aid to Safer Walk. The program includes the Safety Wise mobile app—a convenient source of campus information and emergency communication. Visit bcit.ca/security

Middle right: Speak with our experienced Student Information and Enrolment Services staff—they'll help you to apply or register for your program or course.

Bottom right: Take advantage of all the services available through BCIT's Student Health Services. You can even squeeze in an appointment with a physiotherapist between classes.





Gain a Global Perspective

Students, faculty, researchers, and staff at BCIT contribute to our global community on a daily basis. At home, the Smart Microgrid on the BCIT Burnaby Campus has brought together top experts to help Canada transition to a clean, environmentally responsible electricity grid. The applied research and industry expertise of our faculty will prepare you to be the next leader in your field, anywhere in the world.

We're sharing our knowledge and expertise with the world. From providing specially fitted prosthetics for disabled youth in rural India to guidance on rebuilding in Nepal after a devastating earthquake, BCIT is building a better future. And as a student at BCIT, you'll have VIP access to these exciting projects.



Canadian astronaut, COO of the Montreal Science Centre, and 2016 BCIT Honorary Doctorate recipient Julie Payette urged BCIT grads to contribute to society and to "have an opinion, have a vision, and then have a mission of your own."

Get all the details at bcit.ca/lifeatbcit

Top: After Nepal's devastating earthquake in 2015, BCIT Civil Engineering faculty member Dr. Bishnu Pandey and a team of engineers and geoscientists brought their knowledge of testing brick quality through soundwave technology to the ground.

Bottom: Dominic Barton, Global Managing Director of McKinsey & Company, was awarded an Honorary Doctorate of Technology from BCIT. He addressed the Class of 2016, stating that BCIT is "the number one educational institute in the world in terms of training and educating people for life and for jobs."



Burnaby Campus



Downtown Campus



Aerospace Campus



Marine Campus



Annacis Island Campus

For application and financial aid information, visit bcit.ca/admission

FULL-TIME PROGRAMS How to apply

- 1 **Choose your program.** Find the program you like at bcit.ca/programs
- 2 **Check that you meet the entrance requirements.** Different programs have different entrance requirements, which are listed on your chosen program's specific web page.
- 3 **Prepare your application.**
 - 📄 Check the application processing periods and deadlines on your chosen program's web page.
 - 📄 Ensure all of your supporting documents are in PDF format.
 - 📄 Have your application fee ready.
- 4 **Submit your application online.** Follow the instructions on your chosen program's web page to complete your application online.
- 5 **Check your application status.** After you have submitted your application, you will receive correspondence from BCIT containing the information you need to check your application status online.

Need more information?

- 📄 Visit: bcit.ca/admission/apply
- 📄 Speak with an advisor: 604.434.1610 or toll free (Canada and United States only) 1.866.434.1610.

PART-TIME STUDIES Giving you flexible options

Want to advance your current career or explore a new one? BCIT's flexible part-time courses are offered in the evenings and on the weekends, so you can learn when it's convenient for you. Take one or more courses at a time. For most part-time courses, you can register without needing to apply to a program. To take a course, you can simply:

- 1 **Find a program area that interests you.** Visit bcit.ca/pts to search for courses or programs.
- 2 **Ensure that you meet any prerequisites.** Review the course requirements on the course web page.
- 3 **Register for the course(s) online.** When you are on the course web page, click **Add to Cart** to register.
- 4 **Pay your fees online.**
- 5 If you want to put your part-time courses towards a credential, be sure to complete a Part-time Program Declaration form (bcit.ca/admission/apply/declaration).

Need more information?

- 📄 Visit: bcit.ca/pts

APPRENTICESHIP TRAINING Earn as you learn

BCIT offers apprenticeship training in more than 20 trades. Our apprenticeship students receive short, scheduled periods of formal training at BCIT, extensive on-the-job training, and paid work experience.

Two ways to become an apprentice:

- Complete a BCIT Trades Foundation program and get hired as an apprentice.
- or
- Have an employer hire you as an apprentice from on-the-job experience.

How to become a registered apprentice:

Your employer must complete an apprentice agreement form and send it to the Industry Training Authority (ITA). Once the agreement is registered with the ITA, you become a registered apprentice.

As an ITA-registered apprentice, you can begin seeking apprenticeship training with an employer through BCIT using the following steps:

- 1 **Pick a date for your apprenticeship training.** Consult the training schedule for your program and find a date that is agreeable to both you and your employer. Training schedules can be viewed at bcit.ca/apprenticeship/students/training
- 2 **Complete and submit your application.** Complete an Apprentice Training Request form, available at bcit.ca/apprenticeship/students/registration
- 3 **Pay your fees.** In order to hold your seat, tuition must be paid by the due dates. Find information on fees at bcit.ca/admission/fees/apprenticeship

Need more information?

- 📄 Visit: bcit.ca/apprenticeship
- 📞 Speak with an advisor: 604.456.8100 or toll free (Canada and United States only) 1.866.434.1610.
- ✉ Email: apprentice@bcit.ca

INTERNATIONAL STUDENTS World-class education in a world-class city

As an international student at BCIT, you'll be getting a world-class education against the backdrop of a top-rated city. Whether you choose to study full time or part time, you can earn an internationally recognized credential in a wide variety of programs.

Applying is easy. Decide what you want to study, and then follow the application steps outlined at bcit.ca/international/apply

If you need help, we can walk you through the steps to submit your application and inform you of the required documents.

Need more information?

- 📄 Visit: bcit.ca/international/contact
- 📞 Speak with an international advisor: +1.604.432.8816.

For financial aid information, visit bcit.ca/finaid



When you choose to study at BCIT, you're joining a network of more than 165,000 alumni across the world. Those connections will not only help you launch your career, they'll be the catalyst for exciting opportunities throughout your life. Whether it's landing that first job or collaborating on an international project, BCIT will be your support system long after you've crossed the stage at convocation.

Tap into a community that includes CEOs, engineers, nurses, app developers, heavy-duty mechanics, habitat restoration specialists, and everything in between. There is a badge of honor that comes with graduating from BCIT—discover how you can earn one.

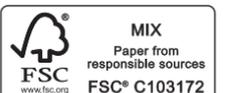
Find out more at bcit.ca/alumni

*Page 1 data source: BC Student Outcomes – Baccalaureate Graduates Survey, based on a three-year average (2012–2014).

**Page 7 data source: 2015/16 BCIT Institutional Accountability Plan and Report.

This publication has been printed locally using vegetable inks on Pacesetter Silk—an FSC®-certified 10% PCW stock. By using this paper in lieu of virgin fiber stock it has: preserved 15 trees, prevented the creation of 2 lb of water pollutants, saved 6,990 gal of water, avoided 468 lb of solid waste, prevented 1,289 lb CO₂e greenhouse gases, and saved 7 million BTUs of energy. Source: Environmental Paper Network Calculator Version 3.2.

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Want to learn more about BCIT?

Our program advisors are here to help you with your program selection. You can also join us on a campus tour, spend a day as a student in a program of your choice, or attend an info session.

Get all the details at bcit.ca/lifeatbcit



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