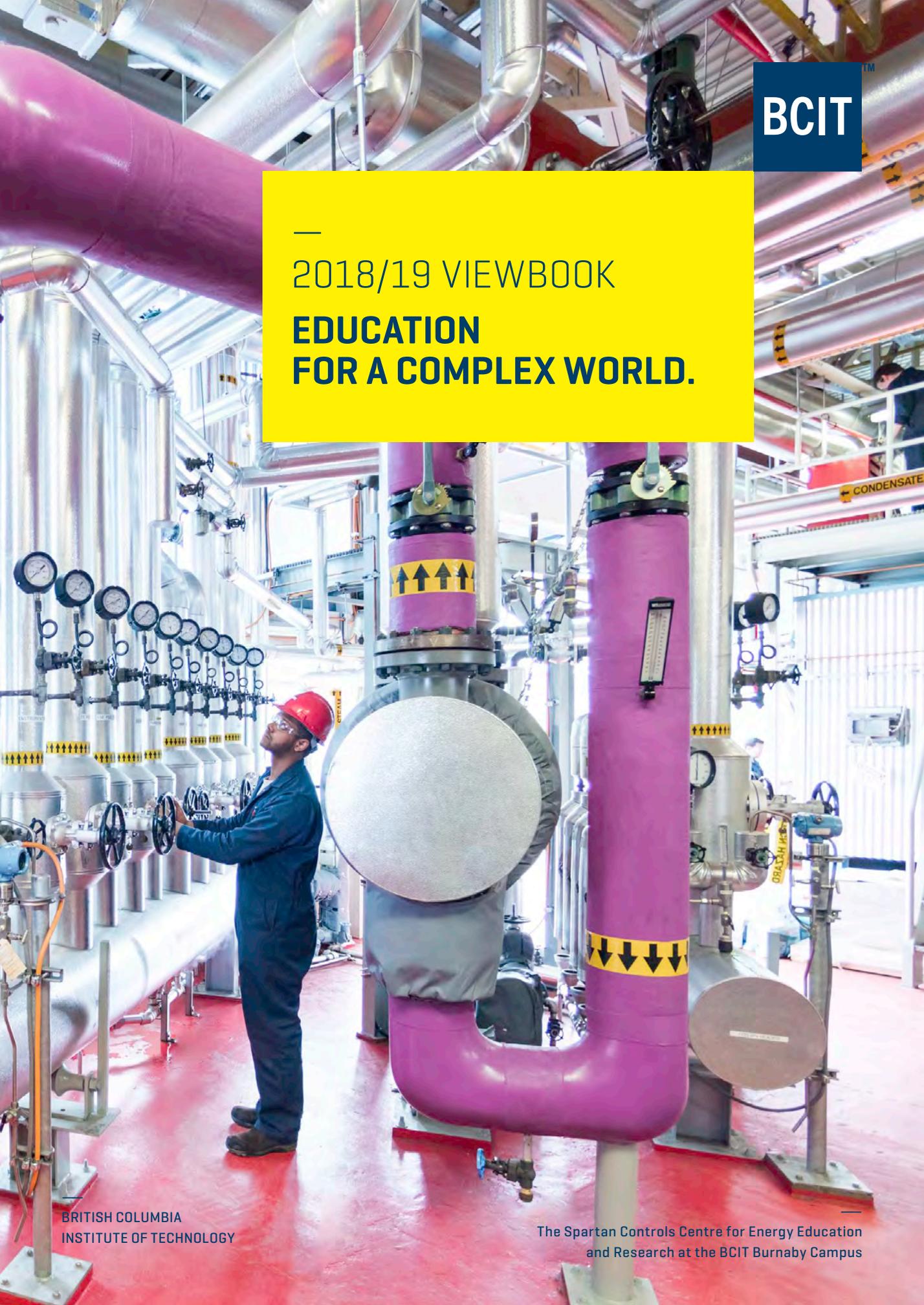


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2018/19 VIEWBOOK

**EDUCATION  
FOR A COMPLEX WORLD.**



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# EDUCATION FOR A COMPLEX WORLD.

At the British Columbia Institute of Technology®, you'll learn to embrace the complex world around you. You'll learn to deconstruct problems so you can solve them. You'll learn to use your hands and mind in unison so that when you graduate, you can turn big challenges into opportunities.

With **five campuses** across the Lower Mainland, BCIT offers choice. Choose from **more than 300 programs** in sectors that will shape the coming decades.

BCIT programs include **hands-on learning opportunities** so you won't just learn theory—you'll get 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 valuable. It's also why **96% of BCIT degree grads are employed**.

When you choose to study at BCIT, you choose to join a network of **more than 170,000 alumni** across the world—from CEOs to heavy duty mechanics, and everything in between.

Throughout this book, you'll find highlights of what BCIT has to offer. When you're ready for more details, you can dive in at [bcit.ca/viewbook](http://bcit.ca/viewbook)



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## SETTLING IN TO STUDENT LIFE

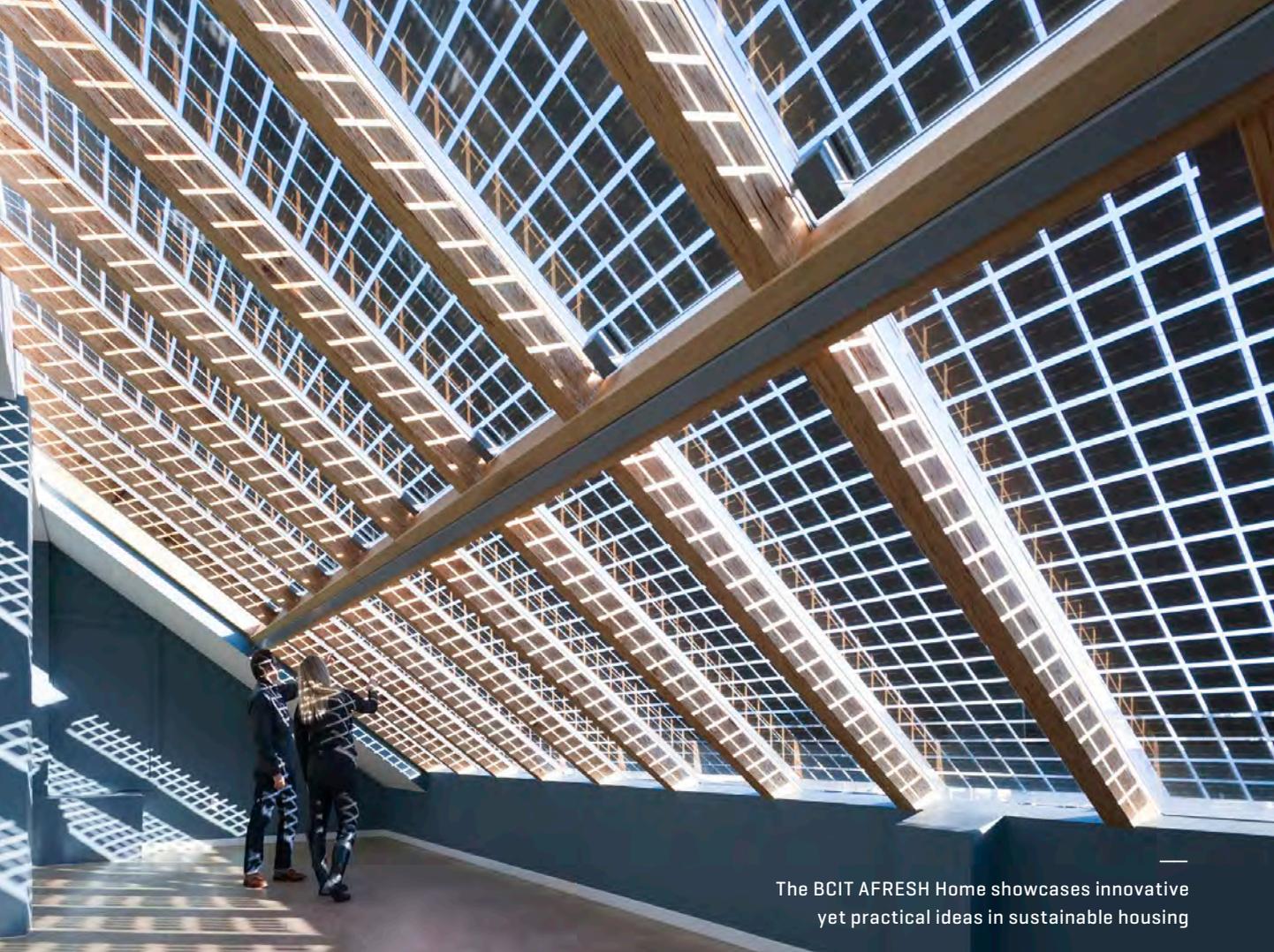
The BCIT education model is designed to prepare you for real-world work environments. It may be tough, but you'll have the services you need to help on your educational journey, including personal, social, academic, and cultural support.

All year round, BCIT and the **BCIT Student Association** host events that will help you balance your workload, your social life, and your wellness. Take part in cooking classes, sign up for a student club, or join the **Pride** committee. It's up to you.

Sometimes everyone needs a little academic support. Take advantage of the **ehPod**, a study space that's open 24/7. If you need extra help with assignments, you can access free peer tutoring through the **Learning Commons** and writing help from the **Writing Centre**. The **Trades Learning Centre** offers help in math, science, and blueprint reading.

Drop in to the **Aboriginal Services Gathering Place**—a home away from home 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.





The BCIT AFRESH Home showcases innovative yet practical ideas in sustainable housing

## DESIGN A BETTER TOMORROW

### Applied & Natural Sciences

More than ever, the 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 BCIT education and network, you'll be unstoppable. Choose your path at [bcit.ca/appliedsciences](https://bcit.ca/appliedsciences)

The BCIT Forensic DNA Lab helps solve challenging forensic cases. Opened in 1999, the lab recently earned forensic lab accreditation from the Standards Council of Canada. That's the same level of accreditation as the RCMP's Forensic DNA Lab. BCIT is the only academic institute in Canada to hold this distinction.

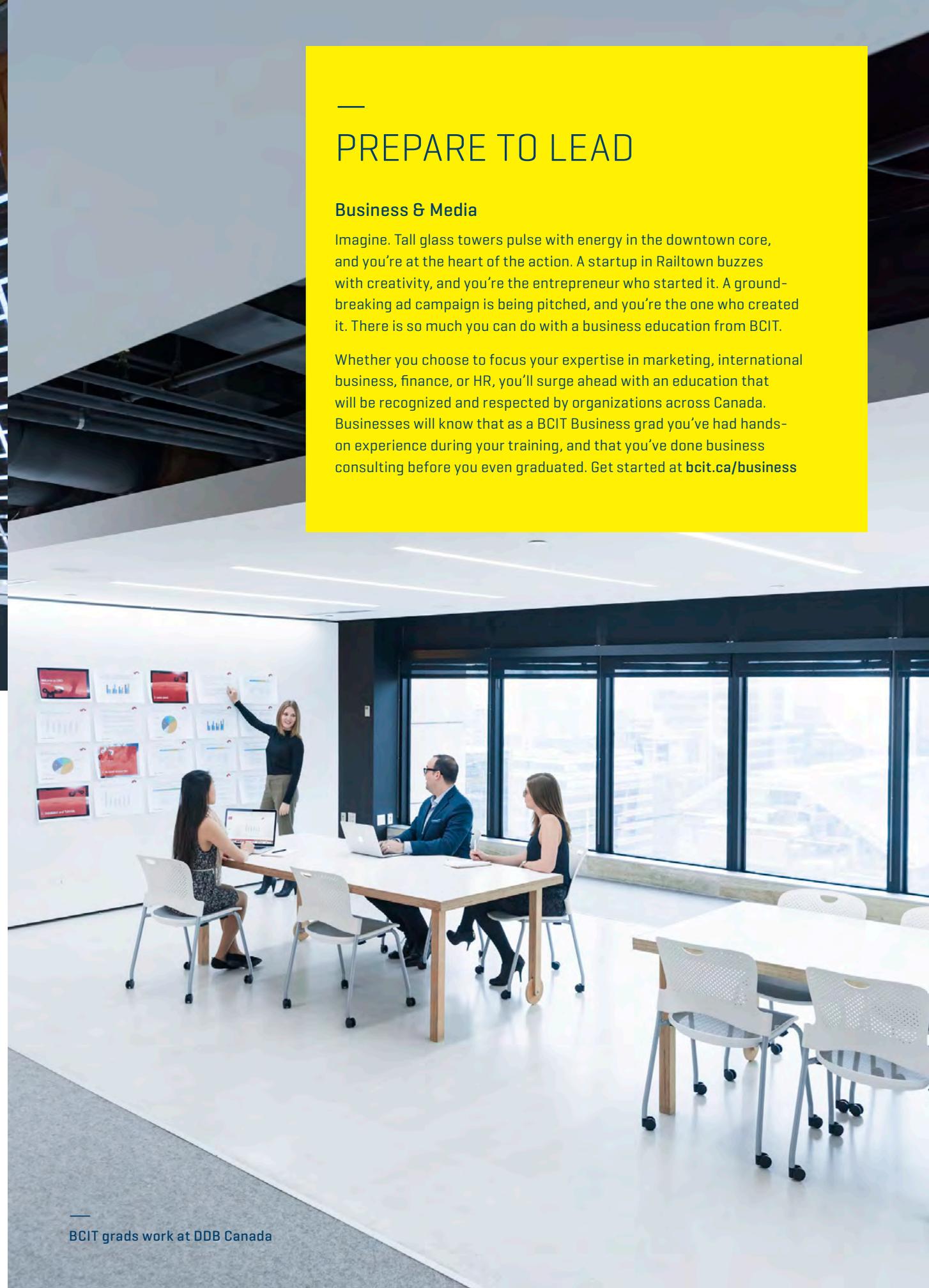


## PREPARE TO LEAD

### Business & Media

Imagine. Tall glass towers pulse with energy in the downtown core, and you're at the heart of the action. A startup in Railtown buzzes with creativity, and you're the entrepreneur who started it. A ground-breaking ad campaign is being pitched, and you're the one who created it. There is so much you can do with a business education from BCIT.

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 Canada. Businesses will know that as a BCIT 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](https://bcit.ca/business)



BCIT grads work at DDB Canada



BCIT grads work at SAP Labs

# INVENT CREATIVE SOLUTIONS

## Engineering

Ever wonder how you can make something work better, smarter, or faster? If so, consider engineering. BCIT offers degree and diploma options in mechanical, electrical, civil, and mining and mineral resource engineering. Whichever branch you choose, you'll get to apply the principles of math and science to complex problems.

You could lead the way in building key infrastructure, developing ground-breaking medical devices, and unlocking new energy efficiencies. With an engineering education from BCIT, you could work to reduce noise pollution in our growing cities, or address 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](http://bcit.ca/engineering)

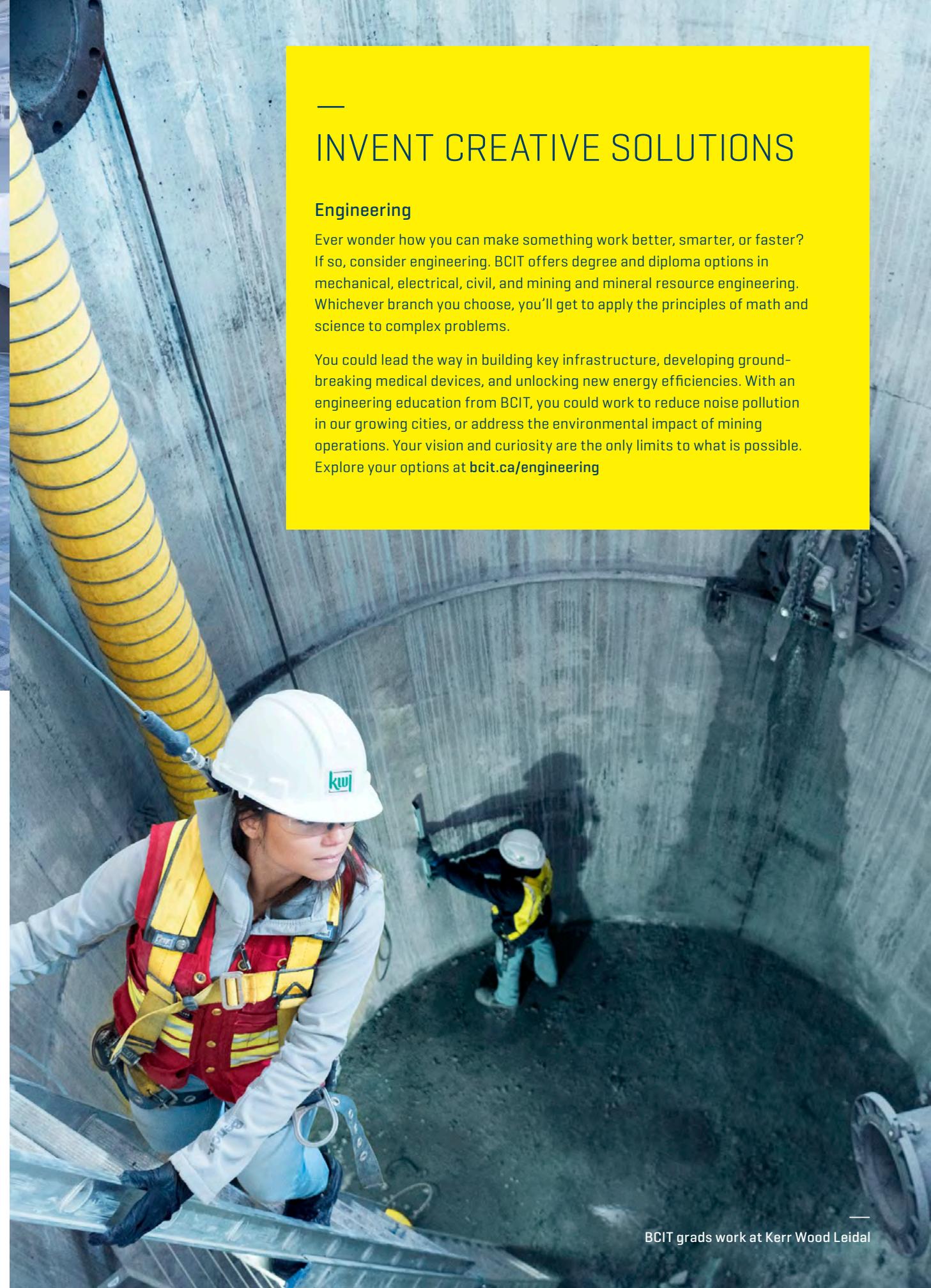
# SHAPE THE FUTURE OF TECH

## Computing & IT

With tech startups anchoring themselves all across the Lower Mainland, BCIT graduates are well-placed to jump into an exciting sector that is growing exponentially. There are 21,000 coders from BCIT helping to build the tech industry right now, and demand is on the rise.

BCIT Computing and Information Technology programs and courses will put you on track to develop new software, configure IT systems, or design best-selling video games. Your training will put you on the road to a promising future. Investigate the possibilities at [bcit.ca/computingit](http://bcit.ca/computingit)

BCIT partnered with leading global tech company SAP to create the **Centre of Excellence in Analytics (CEA)** to help fill the technology skills gap in the province and advance the field of analytics. Students studying analytics will gain the technical knowledge, workplace experience, and industry expertise needed to be successful in a rapidly changing economy.



BCIT grads work at Kerr Wood Leidal

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## CARE FOR THOSE AROUND YOU

### Health Sciences

A career in healthcare 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. The BCIT 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.

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](https://bcit.ca/healthsciences)



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BCIT Sonography Lab  
at the BCIT Burnaby Campus



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Boilermaker apprentices  
at the BCIT Burnaby Campus

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## BUILD A SOLID FOUNDATION

### Trades, Apprenticeships, & 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. Become a gasfitter, HVAC technician, cabinetmaker, or electrician. At BCIT, there are many trades you could pursue. Pick one and build a solid foundation for your future. And if you don't know which trade is right for you, don't worry. Our Trades Discovery programs allow you to try out different trades so that you can choose one you're passionate about.

Trades are taught at four of our campuses—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 you'll have access to the best equipment and instructors in the province. Get started at [bcit.ca/trades](https://bcit.ca/trades)

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BCIT is charting new territory by embracing virtual and augmented reality. Students can now check out **Microsoft HoloLens** from the library and use the mixed-reality glasses to interact with high-definition holograms.



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Students relaxing outside the Great Hall  
at the BCIT Burnaby Campus

## TAKE TIME TO HIT PAUSE

No matter how crazy your schedule gets, you need to make time to de-stress, recharge, and celebrate your successes. You'll find plenty of options to take a breather when you need it. Head over to **Habitat** and grab a burger or just kick back on the patio and chill with friends.

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 focus your mind in a yoga class, and those are just a few of the activities and classes available to you.

When you hit a wall after a morning of back-to-back classes, you can pop into one of the library's **sleep pods** to catch a few z's. Head to the **Contemplation Room**, a multidenominational space designed for moments of reflection.

With coursework being your number one priority, take time with your fellow classmates for study sessions. Grab a coffee at **The Rix** and find a seat on the steps outside the **Great Hall**, 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.





Maquinna Residences  
at the BCIT Burnaby Campus

## 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 financial 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 general medical care to flu shots, birth control and more. Likewise, **BCIT Counselling and Student Development** can help you sort through any personal concerns and maximize your success as a student. 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 tools. Visit [bcit.ca/safety](http://bcit.ca/safety)

On **National Indigenous People's Day**, BCIT became the 50th signatory to the Indigenous Education Protocol. The groundbreaking document from Colleges and Institutes Canada (CICan) outlines specific guidelines to improve the experiences of Indigenous learners, faculty, and staff. In signing, BCIT reaffirms its long-standing commitment to reconciliation.



Burnaby Campus



Downtown Campus



Aerospace Campus



Marine Campus



Annacis Island Campus

### FULL-TIME PROGRAMS How to apply

- 1 Choose your program. Find the program you like at [bcit.ca/programs](http://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 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](http://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](http://bcit.ca/pts) to search for courses or programs.
- 2 Review the course requirements on the course web page. Ensure that you meet any prerequisites.
- 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](http://bcit.ca/admission/apply/declaration)).

### Need more information?

- Visit: [bcit.ca/pts](http://bcit.ca/pts)

For application and financial aid information, visit [bcit.ca/admission](http://bcit.ca/admission)

## 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. International students are not eligible to apply for apprenticeship programs.

### 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](https://bcit.ca/apprenticeship/students/training)
- 2 Complete and submit your application. Complete an Apprentice Training Request form, available at [bcit.ca/apprenticeship/students/registration](https://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](https://bcit.ca/admission/fees/apprenticeship)

### Need more information?

- Visit: [bcit.ca/apprenticeship](https://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](mailto: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](https://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](https://bcit.ca/international/contact)
- Speak with an international advisor: +1.604.432.8816

For application and financial aid information, visit [bcit.ca/admission](https://bcit.ca/admission)



The Energy OASIS project at the BCIT Burnaby Campus

## PROBLEM SOLVERS FOR A COMPLEX WORLD

BCIT students, faculty, staff, and researchers contribute to the global community on a daily basis. Here at home, projects such as the SMART Microgrid and Energy OASIS on the BCIT Burnaby Campus have brought together top experts to help Canada transition to clean, renewable energy sources.

The **applied research and industry expertise** of our faculty will prepare you to be the next leader in your field and share your knowledge with the world. From developing new techniques to track embryonic development to revolutionizing prosthetic design with 3D printing, BCIT is building a better future. As a student, you can be part of it.

The **BCIT Phytoanalytics Laboratory** positions the Institute as a Canadian leader in the agricultural and natural health product sectors. Combining classic tools and leading-edge technology, the lab allows the **BCIT Natural Health and Food Products Research Group (NRG)** to advance laboratory testing, support development of new therapeutics, improve agricultural management practices, and influence policy regulation of natural health products.



**Who are we?**

We are the focused. The driven.  
Those who need to understand.

We are the ambitious. The entrepreneurial.  
Those who never stop innovating.

We are the initiators. The uncompromising.  
Those who know it can be done sustainably.

We are the relentless. The inspired.  
Those who have conquered the complexity.

—  
THE BRITISH COLUMBIA  
INSTITUTE OF TECHNOLOGY.

**EDUCATION  
FOR A COMPLEX WORLD.**

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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/viewbook](https://bcit.ca/viewbook)



lifeatbcit



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