

BCIT

VIEWBOOK
2022/2023

BRITISH COLUMBIA
INSTITUTE OF TECHNOLOGY





The British Columbia Institute of Technology acknowledges that our campuses are located on the unceded traditional territories of the Coast Salish Nations of **Skwxwú7mesh** [Squamish], **səlilwətaʔ** [Tsleil-Waututh], and **xwməθkwəyəm** [Musqueam].

For some Northwest Coast First Nations, a Copper—a traditional copper shield—symbolizes wealth and power. Knowledge is power. A Copper gains value the more it changes hands and is broken and put back together. Life can be challenging, but much like a Copper, our students build strength as they gain knowledge and overcome challenges. That is why we chose the Copper to symbolize the Indigenous Vision.

The Indigenous Vision provides a focal point for BCIT's commitment to the enrolment and success of Indigenous learners. By embracing Truth and Reconciliation and promoting Indigenization throughout the BCIT community, we will honour Indigenous people, knowledge, and culture, while preparing learners for success in a complex world through an education that is complete and relevant.

Learn more at bcit.ca/indigenous-vision

YOUR STORY BEGINS HERE.

First steps become great strides. Since 1964, British Columbia Institute of Technology® (BCIT) has been building connections between education, industry, and government. By joining us, you embark on a learning path that will shape your career and propel you into the future.

As our programs are connected with industries around the globe, your educational journey is closely linked with the real world. Taught and trained by professionals and innovators in their fields, you'll gain the relevant skills to contribute to industry from day one.

The connections you make at BCIT will last throughout your career, whether in applied and natural sciences, business and media, computing and IT, engineering, health sciences, or trades. Join over 45,000 BCIT students and choose from certificates and diplomas to bachelor's and master's degrees. When you graduate, you'll be part of a dynamic 195,000 alumni network.

Find the right program for you and get your hands on higher potential. This is your story. Go where you want to be—and make a difference along the way.

Cover

BCIT Electrical Engineering grads work with atmospheric diving suits and undersea technology at Nuytco Research Ltd.

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Why BCIT

EXPERIENCE IS EVERYTHING.

Applied learning

Step into your future career. When you choose BCIT, you learn through real-world experiences. Get familiar with working environments and grow your confidence by learning in top training facilities, including our state-of-the-art labs, shops, studios, and classrooms.

Connected to industry

Build your resume as you learn. Our programs are taught by faculty who are industry leaders and specialists in their fields. You'll gain experience with future employers through internships, co-ops, practicums, apprenticeships, or industry-sponsored consulting projects. Real-world learning will fast-track your career even before you graduate.

Team-based

Learn as a team. Our full-time programs are taught in cohorts—small groups of students that you'll work with for the duration of your program. Along the way, you'll hone the collaborative and essential problem-solving skills that will be used throughout your future career.

Small class sizes

Get the attention you deserve. At BCIT, you'll have plenty of individual time with your faculty, as well as greater opportunities to network with fellow students in your program. Class sizes range from only 16–25 students, which means you'll gain more access to industry professionals.

A BCIT Architectural and Building Technology grad manages a commercial construction project in Vancouver.

300+

PROGRAMS

96%

EMPLOYMENT RATE
FOR DEGREE GRADS*

MORE THAN

45,000

STUDENTS ENROLLED
EACH YEAR

OVER

195,000

ALUMNI

*Source: BC Student Outcomes,
Baccalaureate Graduates Survey,
prepared by BC Stats [2020]



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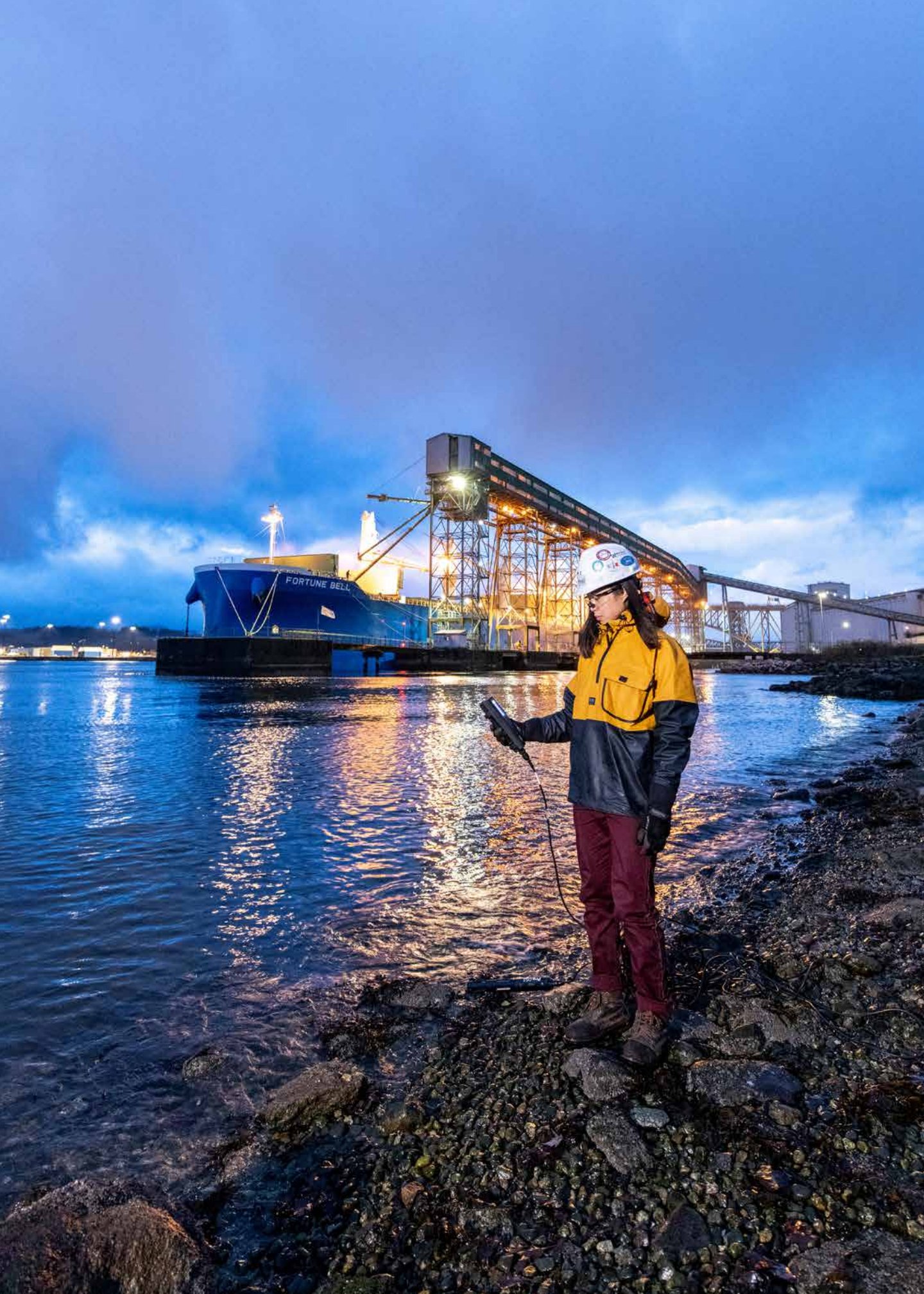
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Campuses

YOUR VISION TAKES SHAPE HERE.

BCIT operates across five learning spaces in and around Vancouver.

- 1 **Burnaby Campus**
The largest BCIT campus is home to hundreds of specialized learning spaces, including classrooms, shops, labs, simulators, broadcast studios, green roofs, energy grids, forests, and waterways.
- 2 **Downtown Campus**
Located at the heart of Vancouver's business and tech core, the Downtown Campus is home to the state-of-the-art Technology Education and Collaboration (TEC) Hub, an innovative IT learning space.
- 3 **Aerospace Technology Campus**
With over 20 aircraft at the impressive 300,000 square-foot campus in Richmond, BCIT is the largest post-secondary aerospace trainer in Canada.
- 4 **Marine Campus**
Located in North Vancouver, the waterfront campus has bridge and engine room simulators and an indoor training pool. Nautical and marine engineering students gain experience with realistic scenarios in a safe environment.
- 5 **Annacis Island Campus**
This 142,000 square-foot facility in Delta is home to heavy mechanical trades programs and the Emissions Reduction Research and Testing Hub (ERRTH), as well as a certified industrial railway.



Applied and Natural Sciences

MAKE CHANGE HAPPEN.

HIGHLIGHTS

30+ applied sciences programs, from Chemical and Environmental Technology to Sustainable Energy Management

The most comprehensive Forensic Science and Technology programming in Canada

The only graduate program in Ecological Restoration in Canada, offered in partnership with Simon Fraser University

You can make a difference. More than ever, the world needs leaders to find new approaches to complex issues that affect our way of life.

BCIT is a leader in sustainability research through partnerships with green industry. Whether you're helping remote communities switch from diesel power to clean energy, gathering and analyzing intelligence on criminal activity, or managing parks and wildlife—you'll learn to harness the latest technologies so you can lead change in dozens of industries.

Choose your path to a sustainable career at bcit.ca/applied-sciences

A BCIT Environmental Engineering grad tests water on the shore of Burrard Inlet.

Business and Media

ENTER THE REAL WORLD OF BUSINESS.

HIGHLIGHTS

One of the largest Business and Media schools in Western Canada

More than 100 programs offered, with full-time and part-time options

Unique programs in Operations Management, Logistics, and Global Trade and Transportation

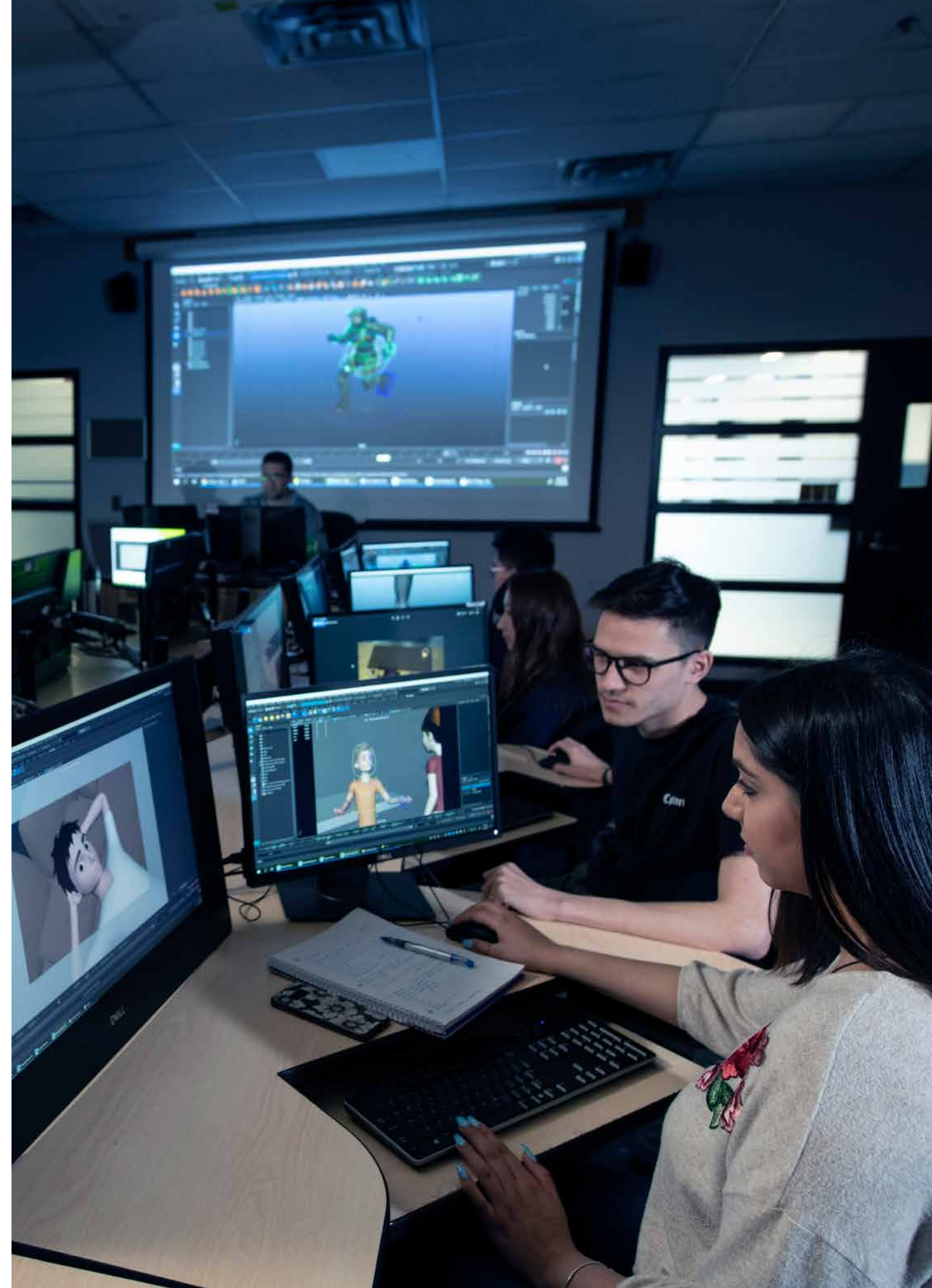
Bachelor's degrees in Business Administration and Accounting

Advance your skills and build networks that will fast-track you into the world of business. Our programs are uniquely linked with the real world so you'll learn from industry leaders through practicums, consultation projects, and career networking. Make contacts from day one and build up your resume long before graduation.

From Accounting to Broadcast, Technical Arts to Financial Planning, Graphic Design and more, you'll gain the practical experience and confidence needed to find success and to make your mark.

Get on the fast track at
bcit.ca/business-media

Technical Arts students work on projects in the computer lab.





Computing and IT

YOU ARE THE FUTURE NOW.

HIGHLIGHTS

Largest provider of computing diploma grads in BC

Biggest selection of part-time IT courses in the province

Diploma in Industrial Network Cybersecurity, first of its kind in Canada

Bachelor of Technology in Computer Systems, unique in BC, with a focus on game development and network security

BCIT grads are shaping the tech industry around the world. They run the IT networks that connect us globally. They protect our privacy against cyber threats and build the apps we rely on every day.

With a computing and IT education from BCIT, you'll have the confidence, experience, and contacts to jump into a continually growing sector. You'll gain the technical skills needed for tomorrow's market and will be well prepared to embrace disruption and adapt to continuing changes.

Get ahead at bcit.ca/computing-it

BCIT Computing grads work at SAP.

Engineering

LEARN HOW THE WORLD WORKS.

HIGHLIGHTS

Accredited training in four branches of engineering: civil, electrical, mechanical, and mining

Main provider of Industrial Instrumentation and Power Engineering programs in BC

The only provider in Western Canada to offer Bachelor of Engineering in Mining and Mineral Resource Engineering, Master of Engineering in Building Science, and Master of Applied Science in Building Engineering/Building Science

Engineers are ground breakers, finding solutions to complex problems across a range of industries. As an engineer, you'll make things faster, smarter, and more economical. BCIT offers innovative degree and diploma options in mechanical, electrical, civil, environmental, building science, and mining and mineral resource engineering.

Whatever branch of engineering you choose, you'll be in an essential profession that will help unlock new energy efficiencies, develop sustainable cities, and re-imagine some of Canada's most prominent industries.

Explore your options at bcit.ca/engineering

A BCIT Mechanical Engineering student uses calipers to dimension bicycle seat post components for a 3D modeling project.





Health Sciences

SPECIALIZE IN THE GOOD YOU DO.

HIGHLIGHTS

New Health Sciences Centre, opening spring 2022, offers a state-of-the-art building with cutting-edge technology and advanced collaboration spaces

One of the largest nursing programs in the province

Western Canada's only Clinical Genetics, Cardiovascular Perfusion, and Electroneurophysiology programs

BC's only Nuclear Medicine, Magnetic Resonance Imaging, and Radiation Therapy programs

Healthcare professionals are at the heart of our communities—improving the quality of life for all and providing care for our most vulnerable. BCIT offers a depth and breadth of health education programs unmatched by other post-secondary institutions.

Whether you want to help with urgent care in a hospital or specialize in a prevention-based field, you'll learn by using simulation technology and practicing your skills in real clinical and laboratory settings.

Find your specialty at
bcit.ca/health-sciences

A Nursing student uses a virtual reality scenario in the simulation lab at the Burnaby Campus.

Our New Health Sciences Centre

STEP INTO EXPERIENTIAL LEARNING.

The Health Sciences Centre for Advanced Simulations (HSCAS) is a new state-of-the-art centrepiece for our Burnaby Campus, slated for completion in spring 2022. This four-storey adaptive learning and research facility provides a controlled environment in multiple care settings, including hospital, community, clinics, residential, and home care services. With access to cutting edge technology, and collaboration with patient care programs, you will gain vital real-world practice as a healthcare professional.

HIGHLIGHTS

Simulations that uniquely replicate hospital workflows

Flexibility for future changes in education practices

Applied learning and living laboratories

Simulation labs

Multipurpose rooms (collaborative project-based learning spaces)

Electronic health recording stations



Trades, Apprenticeship, and Technician

GET YOUR HANDS ON POTENTIAL.

HIGHLIGHTS

Largest trades training provider in BC, with programs in construction, mechanical, and transportation trades

97% employment rate for apprenticeship completers*

National leader in trades programming for women

Shape the future by pursuing a career in trades. Become a machinist, ironworker, HVAC technician, cabinetmaker, electrician, or choose from more than 20 trades opportunities at BCIT.

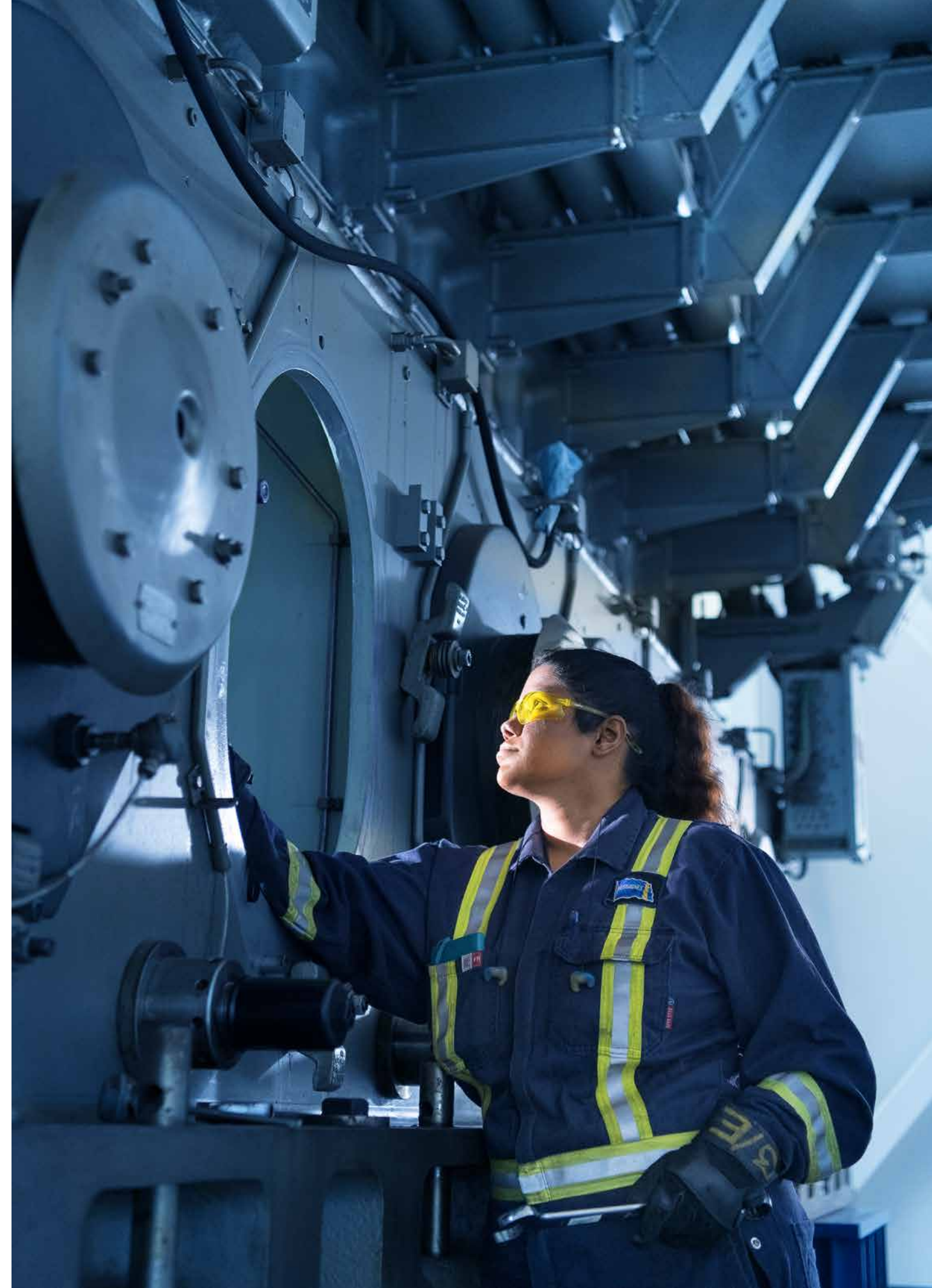
Not sure which one is right for you? Explore different trades through our Trades Discovery programs. You'll get hands-on experience in a variety of trades so you can find the one you're passionate about.

Choosing BCIT for your trades training means you'll have access to the best faculty and equipment in the province—from jets, ships, and heavy equipment to cutting-edge automotive, welding, and carpentry shops.

Get started at bcit.ca/trades

*Source: BC Student Outcomes, Apprenticeship Survey, prepared by BC Stats [2020]

A BCIT Marine Engineering grad explores the 140-ton Maschinenfabrik Augsburg-Nürnberg (MAN) engine at the Annacis Island Campus.



Student Life

LIVE THE FULL EXPERIENCE.

Make the most of BCIT

Enrich your student life and make friends through leadership opportunities, student clubs, intramurals, and events. There's a large network of support services—from personal and social, to academic and cultural. Become a member of the BCIT Student Association (BCITSA) and join a supportive group that helps you thrive.

For the latest information, visit bcit.ca/student-services

Academic support

Connect with a range of BCIT resources that support your learning success. Peer tutoring and writing support is available through the Learning Commons. Benefit from tools to overcome limits and barriers through Accessibility Services. Take advantage of one-on-one entrepreneurship support through the Summit Centre, and design and production assistance via Media Works.

Health and wellness

Your wellbeing is key to your success. As a BCIT student, you'll have free access to our recreation facility, including the gym, fitness centre, squash courts, tennis courts, and more. Access confidential medical appointments at Student Health Services or free and confidential counselling appointments at Counselling and Student Development. Both are available in person and virtually.

Social and student life

Along with the friendships developed in your cohort, you'll have opportunities to socialize outside of class through clubs, student competitions, and intramural sports. Build a network of connections before you graduate and strengthen these bonds throughout your career.

Living on campus

Located on the Burnaby Campus, student housing is a great way to share experiences with people from different backgrounds. You can also participate in activities and get involved in campus life.

Career support

You'll start working towards your career from day one. Along the way you'll be able to access the Centre for Workplace Education and BCITSA Career Services to help you gain experience, make connections, and get ahead of the competition in the job market.

1



2



3



4

1

Visit the Summit Centre for Entrepreneurship for the support needed to become an entrepreneur, including one-on-one consulting, mentoring, networking, writing, and design and production services.

2

Student housing is available on the Burnaby Campus. A new project will add hundreds of environmentally-friendly, affordable living spaces on campus in the next few years.

3

Peer tutoring, writing support, and learning skills seminars are available through the Learning Commons.

4

Take advantage of free access to the Fitness Centre—a large training facility with the latest equipment and machines.

Indigenous Initiatives

WELCOME TO THE GATHERING PLACE.

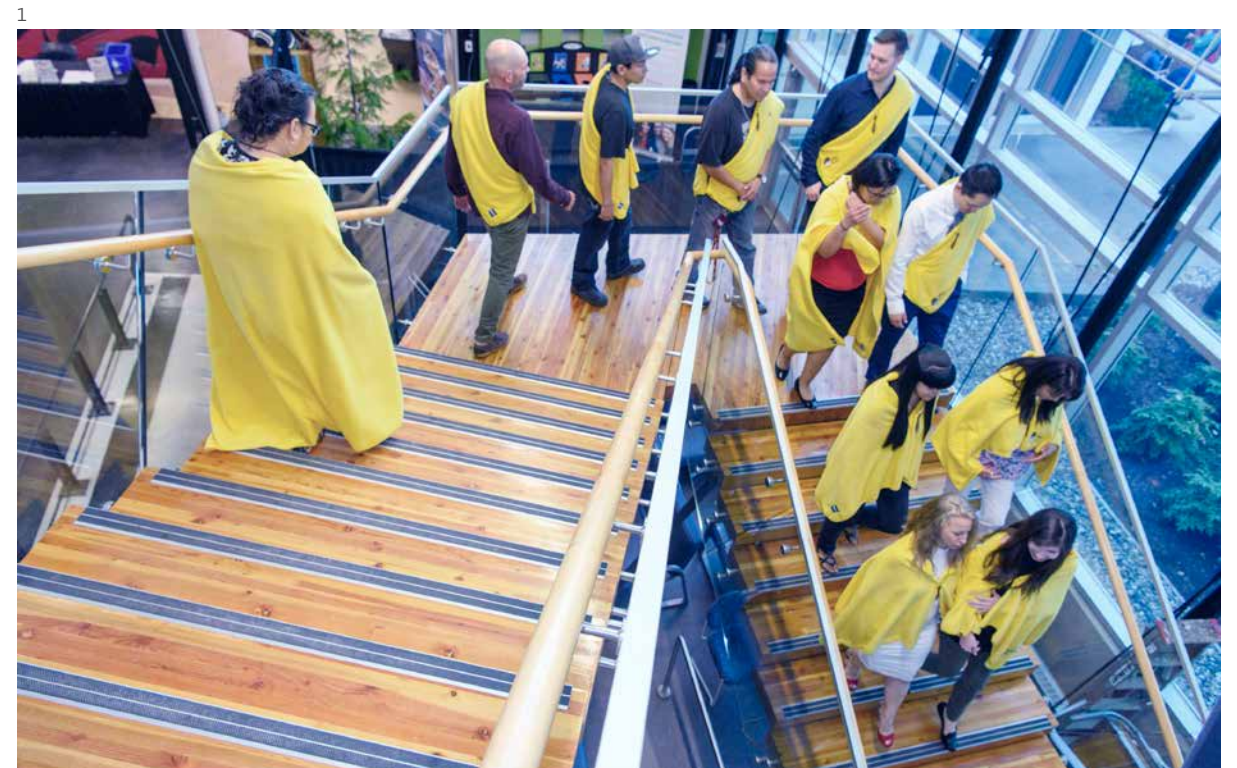
Indigenous Initiatives is committed to building communities, connecting students and providing support by offering a range of services such as advising, mentoring, gatherings, cultural ceremonies, and Elders on Campus.

Mi Chap Tukw *A home away from home*

The Indigenous Gathering Place located on the Burnaby Campus serves as a welcoming place for Indigenous students, creating a sense of inclusion and belonging through cultural and educational activities. Students and staff from across BCIT are invited to participate in ceremonies and events that celebrate the diversity and richness of Indigenous culture.

Learn more at
bcit.ca/indigenous-initiatives

Are you an Indigenous student?
Connect with the Gathering Place at
gathering_place@bcit.ca



1

Students proceed into the annual Honouring Our Leaders ceremony, a celebration of Indigenous student success as they graduate or mark a milestone on their educational journey.

2

A panel of students share their experiences at the Indigenous Youth Gathering at the Burnaby Campus.

3

BCIT staff and students participate in a cedar basket-making workshop in the Gathering Place.

PROGRAM LIST

Choose your program

Browse over 300 programs—from certificates and diplomas, to bachelor’s degrees and apprenticeships, to graduate certificates and master’s degrees. Learn more about entrance requirements for your chosen program online.

Flexible study options

From full-time programs to part-time studies, apprenticeships, and distance learning, you’ll find a study option that meets your needs.

Ladder your credential

Some BCIT programs allow you to advance your education by laddering one credential into another—shortening your overall classroom time and getting you into your career more quickly.



Microcredentials

Future-proof your career and adapt to new opportunities with flexible BCIT microcredentials. Master new real-world skills in short, modular, and specialized course bundles taught by industry leaders. From Digital Privacy to Artificial Intelligence, Environmental Protection to Mass Timber Construction, modules may be stacked to complete a microcredential—and ladder into courses or programs. Add digital badges and credentials to your resume to show employers you have the skills and knowledge to lead them into the future.

Graduate Certificates and Master’s Degrees

BCIT offers four unique master’s degrees: Master of Applied Science in Building Engineering/Building Science, Master of Engineering in Building Science, Master of Science in Ecological Restoration, and Master of Engineering in Smart Grid Systems and Technologies.

Admissions models

BCIT has two admissions models for programs. Go online and view the entrance requirements section of your selected program to learn which admissions model applies to you.

First-qualified, first-accepted

If you meet the entrance requirements, and there are seats available in the program, you’ll be accepted.

Competitive

With a competitive entry program, your completed application will be considered after the application deadline. Program areas select the most successful candidates. Make sure you meet the minimum entrance requirements, but check out the preferred entrance requirements as well.

Program delivery options

- ☐ full-time ☒ part-time ☐ distance ☐ laddered

Visit bcit.ca for the most up-to-date program information.

Applied and Natural Sciences

bcit.ca/applied-sciences

Biochemistry and Forensic Science
Combined honours with UBC Degree ☐

Biomedical Engineering Technology
Diploma ☐

Biotechnology (Honours)
Degree ☐

Building Controls and Energy Management
Advanced Certificate ☒ ☐

Business of Sawmilling
Certificate ☐

Chemical and Environmental Technology
Analytical Science or Process Engineering Diploma ☐

Ecological Restoration
Degree ☐ ☒ ☐

Ecological Restoration
Offered in partnership with SFU Master’s Degree ☐ ☒

Environmental Engineering
Degree ☐ ☒

Environmental Health (Public Health Inspection)
Degree ☐

Essentials of Natural Resource and Environmental Protection
Microcredential ☒ ☐

Fish, Wildlife and Recreation
Diploma ☐

Food Safety
Certificate ☒

Food Technology
Diploma ☐

Food Technology and Operations Management
Degree ☐ ☐ ☒

Forensic Investigation
Crime and Intelligence Analysis or Forensic Science Degree ☒ ☒
Advanced Certificate ☒

Forest and Natural Areas Management
Diploma [Accredited] ☐

Geographic Information Systems
Degree ☐ ☒ ☐ ☒
Advanced Diploma ☐ ☐ ☒
Advanced Certificate ☒ ☐

Geomatics
Degree ☐ ☒

Geomatics Engineering Technology
Diploma ☐

Industrial Wood Processing
Certificate ☐

Marine Engineering
Diploma ☐

Mineral Exploration and Mining Technology
Diploma ☐

Mining and Mineral Resource Engineering (Accredited)
Degree ☐ ☒

Nautical Sciences
Diploma ☐

Smart Grid Systems and Technologies
Master’s Degree ☒ ☐

Sustainable Energy Management
Advanced Certificate ☒ ☐

Technology Management
Degree ☒ ☐

Business and Media

bcit.ca/business-media

3D Modeling, Art and Animation
Diploma ☐

Accounting
Degree ☐ ☒ ☒
Diploma ☐ ☒ ☒

Broadcast and Digital Journalism
Certificate ☒

Broadcast and Online Journalism
Diploma ☐

Business Administration
Degree ☐ ☒ ☒
Diploma ☒
Certificate ☒ ☐

Business Analytics
Graduate Certificate ☒

Business Fundamentals
Certificate ☐

Business Information Technology Management
Artificial Intelligence Management or Enterprise Systems Management Diploma ☐

Business Management
Advanced Diploma ☐ ☒
Diploma ☐
Certificate ☒

Business Management
Advanced Placement – Degree/Diploma entry Diploma ☐

Business Operations Management
Diploma ☐

Communication Design Essentials
Certificate ☐

Computerized Accounting
Certificate ☒

Digital Design and Development
Diploma ☐

Digital Media Foundations
Certificate ☒

Digital Transformation
Microcredential ☒

Finance
Diploma ☐ ☒
Certificate ☒

Financial Planning
Diploma ☐ ☒
Certificate ☒

Fire Executive Management
Certificate ☒ ☐

General Insurance and Risk Management
Diploma ☐

Global Business Studies
Certificate ☒

Global Leadership
Graduate Certificate ☐

Global Trade and Transportation Management
Diploma ☐

Graphic Communications Technology Management
Diploma ☐

Graphic Design
Certificate ☐ ☒

Human Resource Management
Diploma ☐
Certificate ☒ ☐

Human Resource Management
Advanced Placement – Degree/Diploma entry Diploma ☐

International Student Entry Program
☐

International Trade and Transportation Logistics
Certificate ☒

Leadership
Certificate ☒ ☐

Lean Six Sigma Principles
Certificate ☒

Marketing Management
Entrepreneurship, Marketing Communications, Professional Sales, or Tourism Management Diploma ☐

Marketing Management
Advanced Marketing Management, Customer Relationship Marketing, Entrepreneurship, Event Marketing, Fundraising Management, Marketing Communications, Professional Sales, Public Relations, Retail Marketing Management, Sales Skills, Sustainable Event Management, or Tourism and Hospitality Certificate ☒

Media Techniques and Marketing Communications
Certificate ☒

Media Techniques for Business
Certificate ☒

Medical Office Assistant
Certificate ☒



Music Business
Certificate ☒

New Media Design and Web Development
Diploma ☐


Program delivery options



☐ full-time  part-time  distance  laddered


Visit bcit.ca for the most up-to-date program information.

Nonprofit Management
Certificate  


Operations Management
Facilities Management, Industrial Engineering, Management Engineering, or Materials Management
Certificate 

Payroll and Human Resources
Certificate 

Professional Accounting
Advanced Diploma  
Certificate  

Project Management
Certificate 


Radio Arts and Entertainment
Diploma 
Certificate 


Quality and Process Management
Certificate 


Sustainable Business Leadership
Advanced Diploma 

Technical Arts
Advanced Diploma 

Television and Video Production
Diploma 

Tourism and Hospitality
Certificate 


User Interface (UI) and User Experience (UX) Design
Certificate 


Video Production and Editing
Certificate 


Web Technologies
Certificate  


Computing and IT


bcit.ca/computing-it

Advanced .NET Development [.NET]
Certificate 

Advanced Java Development [AJD]
Certificate 

Agile Development
Certificate 


Applied Computer Applications [ACA]
Certificate 


Applied Computer Information Systems [ACIS]
Certificate  


Applied Data Analytics [ADAC]
Certificate  


Applied Database Administration and Design [ADAD]
Certificate 





Applied Network Administration and Design [ANAD]
Certificate 

Applied Software Development [ASD]
Certificate 



Applied Web Development [AWD]
Certificate 


Computer Information Systems Administration [CISA]
Diploma 

Computer Information Technology [CIT]
Diploma 





Computer Systems
Diploma  
Certificate  


Computer Systems [CST BTech]
Database, Human Computer Interface, Network Security Administration, Network Security Applications Development, or Wireless and Mobile Applications Development
Degree  


Computer Systems [CST BTech]
Games Development or Network Security Applications Development
Degree  










Computer Systems Technology [CST]
Artificial Intelligence and Machine Learning, Client/Server, Cloud Computing, Data Communications and Internetworking, Digital Processing, Information Systems, Predictive Analytics, Programming Paradigms, Technical Programming, or Web and Mobile
Diploma 

Digital Transformation
Microcredential 


Forensic Investigation
Digital Forensics and Cybersecurity
Degree  
Advanced Certificate  

Front-end Web Developer [FWD]
Certificate 

Full-Stack Web Development [FSWD]
Diploma 


Geographic Information Systems
Degree   
Advanced Diploma   
Advanced Certificate   

Industrial Network Cybersecurity [INCS]
Diploma 

Network Administrator Technician [NAT]
Certificate 



Office Administrator with Technology Program [OAT]
Certificate 

Smart Grid Systems and Technologies
Master's Degree 

Software Systems Developer [SSD]
Web Programmer
Certificate 

Technical Writing
Certificate 


Technology Entry [TE]
Statement of Completion 


Technology Support Professional [TSP]
Certificate  

Web and Mobile Application Development [WMA]
Certificate 

Engineering bcit.ca/engineering


Aircraft Gas Turbine Technician
Certificate 

Aircraft Maintenance Engineer Category 'E' [Electronics]
Diploma 


Aircraft Maintenance Engineer Category 'M' [Maintenance]
Diploma 


Architectural and Building Technology
Diploma 
Certificate 

Architectural and Structural CADD and Graphics Technician
Architectural or Structural
Certificate 

Architectural Science
Degree 

Automated Controls Installation and Maintenance [ACIM]
Advanced Certificate 

Biomedical Engineering Technology
Diploma 

Building Construction Technology
Certificate 

Building Controls and Energy Management
Advanced Certificate  


Building Design and Architectural CAD
Certificate 

Building Engineering/ Building Science
Master's Degree 

Building Science
Master's Degree 


Chemical and Environmental Technology
Analytical Science or Process Engineering
Diploma 



Civil Engineering [Accredited]
Degree 
Diploma 

Civil Technology
Certificate 

Computer Aided Design [CAD] Technology
Certificate 

Construction Drawings
Certificate  



Construction Estimating
Certificate 

Construction Management
Degree  



Construction Operations
Certificate 


Construction Supervision
Certificate 



Electrical and Computer Engineering Technology
Automation and Instrumentation, Electrical Power and Industrial Control, or Telecommunications and Networks
Diploma 










Electrical Engineering [Accredited]
Degree  

Electronics
Degree 

Environmental Engineering
Degree  

Fire Protection Inspection and Testing
Certificate 

Fundamentals of Water and Wastewater Operations
Certificate  

Geographic Information Systems
Degree   
Advanced Diploma   
Advanced Certificate   



Geomatics
Degree  


Geomatics Engineering Technology
Diploma 


Industrial Instrumentation and Process Control Technician
Diploma 


Industrial Network Cybersecurity [INCS]
Diploma 

Interior Design
Degree  
Diploma   
Certificate   


Introductory Studies in Mass Timber Construction
Microcredential  


Kitchen and Bath Design
Certificate 

Marine Engineering
Diploma 

Mechanical Engineering [Accredited]
Degree 


Mechanical Engineering Technology
Mechanical Design, Mechanical Manufacturing, or Mechanical Systems
Diploma 


Mechanical Systems
Certificate 

Mechatronics and Robotics
Diploma 


Mineral Exploration and Mining Technology
Diploma 


Mining and Mineral Resource Engineering [Accredited]
Degree  

Power and Process Engineering
Diploma 

Power Engineering
General Program
Certificate 

Public Works Supervision
Certificate 


Renewable Energy Electrical Systems Installation and Maintenance [REESIM]
Advanced Certificate 


Residential Interiors
Diploma 

Smart Grid Systems and Technologies
Master's Degree  

Sustainable Energy Management
Advanced Certificate  

Technology Entry [TE]
Statement of Completion 


Technology Teacher Education
Diploma 



Telecommunications Systems Technician
Radio Systems or Telecommunications Networks
Diploma 

Health Sciences

bcit.ca/health-sciences

Biomedical Engineering Technology
Diploma 


Biotechnology (Honours)
Degree 


Cardiac Sciences
Cardiac Rhythm Device Technology, Cardiovascular Technology, or Electrophysiology Technology
Advanced Certificate  

Cardiology Technology
Diploma  

Cardiovascular Perfusion
Advanced Certificate  

Clinical Genetics Technology
Advanced Diploma 



Diagnostic Medical Sonography
Cardiac Sonography, General Sonography, or Combined
Diploma 

Electroneurophysiology
Diploma 

Environmental Health [Public Health Inspection]
Degree 







Food Safety
Certificate 

Food Technology
Diploma 


Food Technology and Operations Management
Degree  


Foundations in Occupational Health and Safety
Certificate  


Health Leadership
Advanced Certificate  

Magnetic Resonance Imaging
Degree   
Advanced Certificate   

Medical Laboratory Science
Diploma 



Medical Office Assistant
Certificate 

Medical Radiography
Diploma 


Nuclear Medicine
Diploma 

Nursing
Degree 







Occupational Health and Safety
Diploma 
Certificate  

Occupational Health and Safety Practitioners
Certificate  

Prosthetics and Orthotics
Diploma 


Radiation Therapy
Degree 


Sonography
Cardiac option
Advanced Diploma 


Specialty Nursing
Critical Care – Combined Critical Care/Emergency; Critical Care – Standard; Emergency – Combined Emergency/Critical Care; Emergency – Standard; High Acuity; Neonatal; Nephrology; Pediatric – Critical Care; Pediatric – Emergency; Pediatric – Standard; Perinatal – Perioperative; Perinatal – Standard; or Perioperative
Degree   
Advanced Certificate   


Trades, Apprenticeship, and Technician

bcit.ca/trades

Aircraft Gas Turbine Technician
Certificate 

Aircraft Maintenance Engineer Category 'E' [Electronics]
Diploma 

Aircraft Maintenance Engineer Category 'M' [Maintenance]
Diploma 

Airline and Flight Operations – Commercial Pilot
Fixed-wing or Rotary-wing
Diploma 

Program delivery options

○ full-time 📍 part-time 📏 distance 📅 laddered

Visit bcit.ca for the most up-to-date program information.

Airport Operations Diploma ○ Certificate 📍
Architectural and Structural CADD and Graphics Technician Architectural or Structural Certificate ○
Automated Controls Installation and Maintenance (ACIM) Advanced Certificate 📍
Auto Body Repair and Refinishing Technician Foundation Certificate ○
Automotive Service Technician and Operations General, Ford Asset, or Non-Co-op Diploma ○
Automotive Technician Apprenticeship ○
Automotive Technician Foundation, Honda/Acura Foundation, or Toyota Foundation Certificate ○
Automotive Technician GM [ASEP] Apprenticeship ○
Boilermaker Apprenticeship ○
Boilermaker Foundation Certificate ○
Bridge Watch Rating Certificate ○
Building Controls and Energy Management Advanced Certificate 📍 📏
Carpentry Apprenticeship ○
Carpentry Framing and Forming Foundation Certificate ○
Chief Mate Certificate 📍
CNC Machinist Technician Diploma ○
Construction Drawings Certificate 📍 📏
Construction Estimating Certificate 📍

Construction Operations Certificate 📍
Construction Supervision Certificate 📍
Electrical Apprenticeship ○
Electrical Foundation Certificate ○
Fundamentals of Water and Wastewater Operations Certificate 📍 📏
Gasfitter – Class B Apprenticeship ○
Heating, Ventilation, Air Conditioning and Refrigeration Technician Diploma ○ Certificate ○
Heavy Duty Truck Technology Diploma ○
Heavy Mechanical Trades Diesel Engine Mechanic, Heavy Duty Equipment Technician, Transport Trailer Technician, or Truck and Transport Mechanic Apprenticeship ○
Heavy Mechanical Trades Foundation Certificate ○
Industrial Electrician Apprenticeship ○
Industrial Instrumentation Apprenticeship ○
Industrial Instrumentation and Process Control Technician Diploma ○
Interior Design Degree [Accredited] ○ 📅 Diploma ○ 📍 📅 Certificate ○ 📍
Introduction to Studies in Mass Timber Construction Microcredential 📍 📏
Ironworker – Reinforcing Apprenticeship ○
Ironworker Foundation Certificate ○
Ironworker Generalist Apprenticeship ○

Joinery [Cabinetmaker] Apprenticeship ○
Joinery [Cabinetmaker] Foundation Certificate ○
Machinist Apprenticeship ○
Machinist Foundation Certificate ○
Marine Engineering Diploma ○
Marine Fitter Apprenticeship ○
Marine Mechanical Technician Apprenticeship ○
Master 150GT Domestic Certificate 📍
Master 500GT Domestic Certificate 📍
Master 3000GT Domestic Certificate 📍
Metal Fabricator Apprenticeship ○
Metal Fabricator Foundation Certificate ○
Millwright Apprenticeship ○
Millwright Foundation Certificate ○
Motor Vehicle Body Repair Technician Apprenticeship ○
Motorcycle and Power Equipment Mechanic Apprenticeship ○
Motorcycle and Power Equipment Technician Foundation Certificate ○
Nautical Sciences Diploma ○
Piping Foundation Certificate ○
Plumber Apprenticeship ○
Power and Process Engineering Diploma ○

Power Engineering [General Program] Certificate ○
Refrigeration Apprenticeship ○
Refrigeration and Air Conditioning Mechanic Apprenticeship ○
Refrigeration and Air Conditioning Mechanic Foundation Certificate ○
Renewable Energy Electrical Systems Installation and Maintenance (REESIM) Advanced Certificate 📍
Security Systems Technician Certificate ○
Sheet Metal Apprenticeship ○
Sheet Metal Worker Foundation Certificate ○
Steamfitter/Pipefitter Apprenticeship ○
Technology Management Degree 📍 📏
Technology Teacher Education Diploma ○
Telecommunications Systems Technician Radio Systems or Telecommunications Networks Diploma ○
Trades Discovery for Women Certificate ○
Trades Discovery General Certificate ○
Watchkeeping Mate Near Coastal (WKMNC) Certificate ○
Welder Apprenticeship ○
Welder Foundation Certificate ○
Welding Level A or Level B Certificate ○

Global Impact

CHANGE THE WORLD TOGETHER.

When you join BCIT, you'll become part of a community of students, faculty, and alumni who are making a difference globally. You'll become one of the doers, truth seekers, and changemakers dedicated to finding solutions for a complex world.

And it all starts here. By using the campus as a living laboratory, you'll gain hands-on experience with the latest technologies to solve real-world challenges—from protecting fragile ecosystems to helping communities rebuild and recover in the wake of a disaster.

Applied Research collaborates with national and international institutions, organizations, industry partners, and entrepreneurs to develop innovative solutions to complex problems, and bring them to market.

Learn more at bcit.ca/applied-research



1

BCIT researchers collaborated to develop an affordable and accessible exercise machine for people with mobility impairments.

2

An Ecological Restoration graduate student plants common rush and slough sedge as part of a biochar research project.

HOW TO APPLY

Full-time Programs bcit.ca/study

Part-time Studies bcit.ca/pts

1

Choose your program

Whether you're interested in engineering or IT, broadcast media or health sciences, you'll find a program that interests you.

Find courses that interest you

Search for courses or programs online.

2

Check that you meet the entrance requirements

Different programs have different entrance requirements, which are listed on your chosen program's web page.

Ensure that you meet the prerequisites

Review the course requirements on the course web page.

3

Prepare your application

Check the application processing periods and deadlines on your chosen program's web page.

Prepare your supporting documents.

Register for the course(s) online

On the course web page, click "Add to Cart" to register.

4

Submit your application online

Follow the instructions on your chosen program's web page to complete your application online.

Pay your fees online

BCIT accepts a variety of convenient payment options including online bill payment through your bank.

5

Check your application status

After you have submitted your application, you'll receive correspondence from BCIT containing the information you need to check your application status online. All correspondence will come to you via your personal myBCIT account. Please check the myCommunication section of your account on a regular basis.

Declare your program

If you want to put your part-time courses towards a credential, be sure to complete a Part-time Program Declaration form.

Apprenticeship Training bcit.ca/apprenticeship

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

You and your employer must complete an Apprentice and Sponsor registration form with the Industry Training Authority (ITA). Once the ITA has approved your sponsorship application, you become a registered apprentice.

As an ITA-registered apprentice, you can begin seeking apprenticeship training 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.
- 2 Complete and submit your application**
Fill out and submit an Apprentice Training Request form and submit payment for the commitment fee.
- 3 Pay your fees**
Submit payment for your tuition by the due dates.

International Students bcit.ca/international-students

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 online.

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



PROGRAM ADVISING bcit.ca/advising

Still have questions? BCIT program advisors are available by phone, email, drop-in, or Zoom.



Financial Aid bcit.ca/finaid

Need some help overcoming a financial barrier? The Student Financial Aid and Awards department can help.

Find information on student loans, awards, bursaries, and scholarships.



What's next?

Here are a few other ways you can learn about BCIT:

- Attend Big Info
- Sign up for a program info session
- Check out 360-degree virtual campus highlights, including learning spaces such as Aerospace, Nursing, and more

Get all the details at
bcit.ca/experience



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.**

