

**NEW YORK INSTITUTE
OF TECHNOLOGY**

Vancouver

2023–2024



REINVENT THE FUTURE

Master Degrees Program Guide

WELCOME AND THANK YOU



Irene Young
*Campus Dean and Executive
Director, New York Tech Vancouver*

Welcome and thank you for considering New York Tech's Vancouver campus as the gateway to your future.

We have a proud history of achievement, as evidenced by our academic programs, successful graduates, and international recognition for delivering high-quality education.

Founded in 1955 as a private, not-for-profit university in the State of New York, New York Tech has been offering applied master's degrees in Vancouver since 2000.

Our campus is located in the heart of Metro Vancouver, a vibrant city blessed with natural beauty and a great appreciation for its multicultural community.

I am confident that the technical, professional, and interpersonal skills you can develop at New York Tech will create a solid foundation for your future career.

I look forward to welcoming you to New York Tech Vancouver.

»» New York Institute of Technology Vancouver campus

Students from around the globe choose New York Institute of Technology for an education where state-of-the-art technology drives academic achievement.

New York Tech Vancouver students have the opportunity to continue their study at New York campuses. Whether you study in Vancouver or New York, you are part of one renowned institution and learn global skills valued in markets worldwide.

»» Intakes & Duration

There are three (3) terms in every academic year:

Fall
(15 wks, Sep.-Dec.)

Spring
(15 wks, Jan.-Apr.)

Summer
(8 wks, May-Jul.)

All New York Tech Vancouver programs are officially (two) 2-year programs.

»» Application Deadlines

Applicants are recommended to apply at least three (3) months before the intake date.

For example, the application deadline for the next available Fall semester (September) would be June 1st.

Due to high volume, applications may close earlier than the deadline dates.

See vancouver.nyit.edu/apply for updates.

International students are strongly encouraged to apply at least six (6) months prior to the start of their desired intake to accommodate the processing of their study permit application with Immigration, Refugees and Citizenship Canada (IRCC).

»» Programs Offered

Master Of Business Administration (M.B.A.)

Master Of Business Administration (M.B.A.) – Concentration In Finance

Master Of Business Administration (M.B.A.) – Concentration In Business Analytics

Master Of Science In Cybersecurity (M.S.-CYBERSECURITY)

Master Of Energy Management (M.EM)

» Accreditation/Consent

New York Tech Vancouver has the consent from the **Ministry of Post-Secondary Education and Future Skills** to offer its programs and is among British Columbia's EQA-designated Post-Secondary Institutions.

New York Tech Vancouver is also recognized on **Immigration, Refugees and Citizenship Canada (IRCC)** as a **Designated Learning Institution (DLI)**. We are also listed as a participant in the off-campus and post-graduate work permit programs.

We are authorized by the **EduCanada** brand, and listed on **Canadian Information Centre for International Credentials**.

New York Tech's School of Management is accredited by **AACSB International** (Association to Advance Collegiate Schools of Business), a global accrediting body that includes all of New York Tech's business programs around the world, including Vancouver.

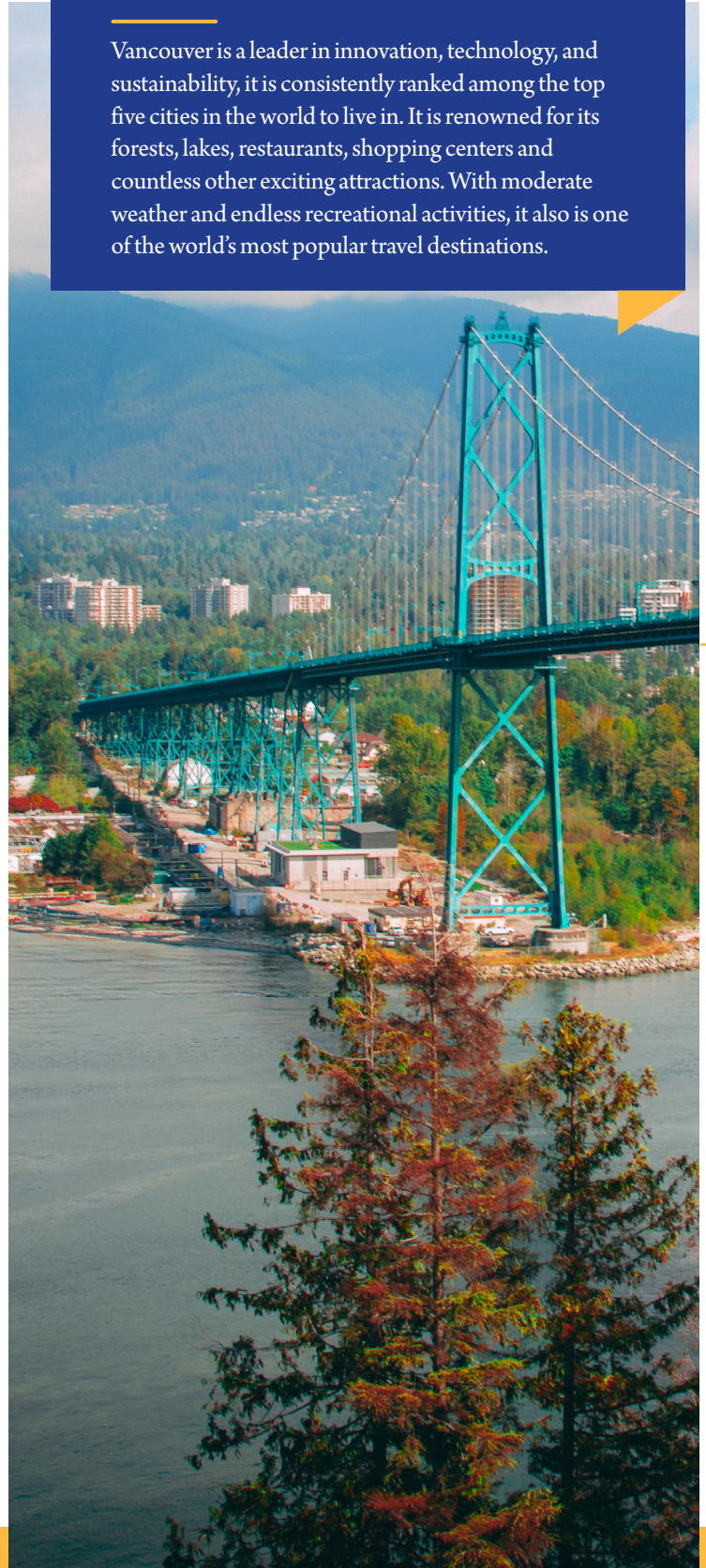
New York Tech's College of Engineering and Computing Sciences is accredited in the the U.S. by the **Engineering Accreditation Board Engineering and Technology, Inc. (ABET)**.

Graduates of Energy Management and Cybersecurity are eligible to apply to the **British Columbia Provincial Nominee Program (BC PNP)**.

New York Tech is accredited by **The Middle States Commission on Higher Education** in the United States.

ABOUT VANCOUVER

Vancouver is a leader in innovation, technology, and sustainability, it is consistently ranked among the top five cities in the world to live in. It is renowned for its forests, lakes, restaurants, shopping centers and countless other exciting attractions. With moderate weather and endless recreational activities, it also is one of the world's most popular travel destinations.



MASTER OF BUSINESS ADMINISTRATION (M.B.A.)

We're recognized around the world for high standards in business education. At New York Tech Vancouver, students have the option between a General M.B.A., a General M.B.A. with a Concentration in Finance and a General M.B.A. with a Concentration in Business Analytics. The program offers great opportunities for both new graduates and experienced professionals to pursue their career goals.

The New York Tech M.B.A. program is also among 5% of business schools in the world that are accredited by the AACSB International - The Association to Advance Collegiate Schools of Business. By focusing on the application of modern business theories to problems that managers face in the public and private sectors of today's global economy, the curriculum emphasizes career-oriented technologies and practice that provide graduates with a competitive advantage.

Students get personal attention given by outstanding professors with hands-on experience from the business sector.



With New York Tech's presence in both Atlantic and Pacific gateways in New York and Vancouver, students can benefit from opportunities to pursue a high quality, career-oriented business education with a global edge.

New York Tech's innovative, technology-oriented, and interdisciplinary M.B.A. curriculum comprises 30 to 39 credits for management or 36 to 45 credits for finance and business analytics, depending on prior coursework. Students may be eligible to waive courses.

»» Example Career Options

- Investment Banker/Fund Manager
- Entrepreneur
- Financial Analyst
- Management Consultant
- Market Research Analysts

»» Finance Concentration

The M.B.A. program with a finance concentration requires additional finance courses. You'll learn from experienced professors how to apply financial concepts, analyze financial data from multiple sources, and evaluate investment strategies.

»» Business Analytics Concentration

The M.B.A. program with a business analytics concentration requires additional business analytics courses. You'll learn from experienced professors how to analyze and implement data-driven business processes and form business interfaces and predictions to solve business problems.

»» Course Information

All students must complete the twenty four (24) credit hour core requirement. Courses may be waived if the undergraduate experience includes course equivalences.

»» Core Courses (Waivable - 9 credits)

Accounting I (1.5 Credits)

Principles of Economics I (1.5 Credits)

Finance (1.5 Credits)

Management Information Systems (1.5 Credits)

Business Statistics (1.5 Credits)

Production and Operations Management (1.5 Credits)

Important Note: The waivable core courses can only be assessed and waived by the Waiver Evaluation Committee (WEC).

All Modules are 3 credit hours unless specified otherwise

» Core Courses (Non Waivable - 24 credits)

Managerial Accounting
Economics for Managers
Financial Management
Organizational Development
Enterprise Resource Planning Systems (1.5 Credits)
Marketing Strategy and Branding
Management Science (1.5 Credits)
Operations and Supply Chain Management
Strategic Leadership Capstone <i>or</i>
Business Analytics <i>*Mandatory for Concentration in Business Analytics)</i>
Professional Development Seminar (0 Credits)
Technical Communications (0 Credits)

» Elective Courses (2 elective courses required - 6 credits)

Corporate Financial Decision-Making
World Trade Goods, Services, and Trade
Multinational Business Management
Marketing New Products
Marketing Research

» Admission Requirements*

A (four) 4-year Bachelor’s degree (or equivalent) from an accredited college or university

A minimum cumulative GPA of 3.0 (on a 4.0 scale or equivalent)

Demonstrated English proficiency
 Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) or Pearson Test of English (PTE)

TOEFL Minimum Score	IELTS ACADEMIC Minimum Score	PTE
IBT or Home edition	Overall	
88	6.5 [#]	58

* Minimum requirements # No band less than 6.0

» Finance Concentration Mandatory Courses

Advanced Financial Accounting
Portfolio Management

» Finance Concentration Electives (2 elective courses required - 6 credits)

Financial Statement Analysis
International Finance
Analysis and Evaluation of Equity Investments
Management of Valuation and Fixed Income Securities
Derivatives Analysis
Corporate Financial Decision Making

» Business Analytics Concentration Electives (4 elective courses required - 12 credits)

Data Interaction and Visualization
Predictive Analytics
Social Network Analytics
Managerial Decision Modelling
Fundamental Tools fo Data Science

» Tuition Estimates

Minimum* 30.0 CREDITS	+ \$36,000 USD*
Non-waivable Core (24credits) + Elective (6 credits) + Technical Communications (0 credits)	
Maximum* 39.0 CREDITS	+ \$46,000 USD*
Non-waivable Core (24 credits) + Waivable Core (9 credits) + Elective (6 credits) + Technical Communications (0 credits)	

Finance and Business Analytics Concetrations require an additional 6 credits.

*Tuiton fees are subject to change without prior notice. Please visit https://vancouver.nyit.edu/bursar_prospective_students#tuition for the latest information.

» Apply Now
<https://apply.nyit.edu/apply/>

» More Information
<https://vancouver.nyit.edu/vancouver/degrees/mba>

MASTER OF SCIENCE IN CYBERSECURITY (M.S.- CYBERSECURITY)

The Master of Science in Cybersecurity (M.S.-Cybersecurity) program is internationally acclaimed for its multi-faceted education and student success rate. Students will learn to critically evaluate various technical and architectural solutions in order to limit risk and mitigate the effects of hostile action, while studying algorithm concepts, risk management, and attack recovery. The program covers the design, implementation, and maintenance of software tools to support network security across multiple operating systems.

M.S.-Cybersecurity echoes the non-thesis curriculum option already offered in New York. The program is ideally suited for students with a computer science, IT, engineering, or related backgrounds who intend to play a leading role in the implementation and management of computer and network security systems.

Students are able to enjoy brand new, state of the art facilities located at Broadway Tech Centre campus. The program is supported by a dedicated cybersecurity lab.

The program offers an innovative, technology-oriented, and interdisciplinary curriculum taught by qualified and experienced faculty.

Example Career Options

- Cybersecurity Specialists
- Network Administrators
- Information Systems Managers
- Cybersecurity Engineers
- Cyber Threat Analysts
- Security Analysts

Program Overview

The M.S.-Cybersecurity core curriculum includes 30.0 credits, including eight (8) required courses (24 credits), one (1) elective (3 credits), one (1) supervised project (3 credits), and one (1) Technical Communications course (0).

Students who are admitted to the program with insufficient background in mathematics or computer science may be required to take one or more of the following undergraduate prerequisite courses.



All courses are 3 credit hours unless specified otherwise

» Core Courses (27 credits)

Network Security and Perimeter Protection

Computer Security Risk Management and Legal Issues

Operating System Security

Algorithm Concepts

Computer Forensics

Cryptography

Intrusion Detection and Hacker Exploits

Data Center Security

Project I

Technical Communications (0 Credits)

» Elective Course (3 credits)

» Admission Requirements*

A (four) 4-year Bachelor’s degree in Computer Science, IT or a related field

(or equivalent) from an accredited college or university

A minimum cumulative GPA of 3.0

(on a 4.0 scale or equivalent)

A minimum GRE score of 295 (if required)

(with a minimum 75 percentile in quantitative)

Demonstrated English proficiency

Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) or Pearson Test of English (PTE)

TOEFL Minimum Score	IELTS ACADEMIC Minimum Score	PTE
IBT or Home edition	Overall	
88	6.5	58

* Minimum requirements.

» Tuition Estimates

30.0 CREDITS

+ \$36,000 USD*

8 Required Courses (24 credits) + 1 Elective (3 credits)
+ 1 Project (3 credits) + Technical Communications (0 credits)

*Tuition fees are subject to change without prior notice. Please visit https://vancouver.nyit.edu/bursar_prospective_students#tuition for the latest information.

Applicants with an overall GPA between 2.85 and 2.99 may, at the discretion of the Vancouver program dean, be admitted into the program.

Reasons for discretionary admission include but are not limited to:

- Submission of official GRE test scores of a minimum of 295, with a minimum percentile rank of 75% in quantitative reasoning
- Completion of a relevant master degree with a minimum GPA of 3.0
- Prior work experience (minimum 2 years in the related field)
- Applicants potential to contribute to the diversity of the student body (New York Tech Vancouver has identified a list of countries as diversity countries)

» Prerequisite Courses

Computer Programming I

Computer Programming II

Computer Organization and Architecture

Data Structures

Operating Systems



» Apply Now

<https://apply.nyit.edu/apply/>

» More Information

https://vancouver.nyit.edu/vancouver/degrees/cybersecurity_ms



MASTER OF ENERGY MANAGEMENT (M.EM)

6

Master of Energy Management

The of Energy Management program is dedicated to providing students with the requisite skills they need to help address energy-related challenges around the world and become leaders in energy management technologies, policies and procedures. Graduates will be ready to apply innovative energy management methodologies to help corporations, governments, and organizations meet their climate change commitments. The M.EM program is designed to be congruent with B.C.'s energy policies, while also providing students a national and international perspective.

Elective courses can be taken with a combination of technical Energy Management related courses as well as M.B.A. courses, giving students the ability to tailor their studies.

Students are able to enjoy brand new, state of the art facilities located at Broadway Tech Centre campus. The program offers an applied curriculum with a strong emphasis on student projects.

This is supported by a dedicated Energy Management lab to help students apply their skills during big projects.

»» Example Career Options

- Distributed Generation Project Manager
- Energy Consultant
- Energy Management Specialist
- Environmental Solutions Engineer
- Renewable Energy Professional

»» Program Overview

The M.EM core curriculum includes 30.0 credits, including seven (7) required courses (21 credits), three (3) electives (9 credits), and one (1) Technical Communications course (0 credits).

All courses are 3 credit hours unless specified otherwise

» Core Courses (21 credits)

Energy Management

Energy Technology in Perspective

Systems Engineering and Management

Power Plant Systems

Alternating Energy Systems

Introduction to Environmental Technology

Practicum, or Other Research

Technical Communications (0 Credits)

» Elective Courses

(3 elective courses required - 9 credits)

Climate Change Technology

Energy Policy, Economics and Technology

Energy Efficient Lighting

High-Performance Building Envelopes

Sustainability and Environment

Computer Applications for Energy Management

Solar Energy Technology

Advanced Battery and Fuel Cell Technologies

Automated Building Energy Control Systems

» Admission Requirements*

A (four) 4-year Bachelor’s degree in Applied science or engineering

(or equivalent) from an accredited college or university

A minimum cumulative GPA of 3.0

(on a 4.0 scale or equivalent)

A minimum GRE score of 295 (if required)

(with a minimum 75 percentile in quantitative)

Demonstrated English proficiency

Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) or Pearson Test of English (PTE)

TOEFL Minimum Score	IELTS ACADEMIC Minimum Score	PTE
IBT or Home edition	Overall	
88	6.5	58

* Minimum requirements.

Applicants with an overall GPA between 2.85 and 2.99 may, at the discretion of the Vancouver program dean, be admitted into the program.

Reasons for discretionary admission include but are not limited to:

- Submission of official GRE test scores of a minimum of 295, with a minimum percentile rank of 75% in quantitative reasoning
- Completion of a relevant master degree with a minimum GPA of 3.0
- Prior work experience (minimum 3 years in the related field)
- Applicants potential to contribute to the diversity of the student body (New York Tech Vancouver has identified a list of countries as diversity countries)



» Tuition Estimates

30.0 CREDITS

+ \$36,000 USD*

7 Required Courses (21 credits) + 3 Electives (9 credits)
+ Technical Communications (0 credits)

*Tuition fees are subject to change without prior notice. Please visit https://vancouver.nyit.edu/bursar_prospective_students#tuition for the latest information.

📄 Apply Now

<https://apply.nyit.edu/apply/>

📄 More Information

https://vancouver.nyit.edu/vancouver/degrees/energy_management_ms

TESTIMONIALS



Meng Yuan, Energy Management Alumna

I'm a graduate student in Energy Management at New York Tech Vancouver. I have been very lucky to have an outstanding support system offered by the school and professors, which enables me to have an incredible learning experience and pushes me to succeed. The free tutoring services have been invaluable in helping me succeed academically. Student life and GSA have organized a range of activities that have enriched my study life, allowed me to meet like-minded individuals, and made me feel more connected to the community.

Another significant benefit of studying at New York Tech Vancouver was the on-campus, part-time job opportunities available to students. I was fortunate enough to secure a position in the Registrar's Office, which not only provided me with invaluable local work experience but also facilitated my transition to a new country. I am confident that this experience will give me a competitive edge in the job market and help me achieve my career goals after graduation. New York Tech has played a vital role in my academic and personal growth, and I am excited to see what the future holds.



Ankan Garg, Cybersecurity Alumna

Having worked in IT for 8+ years and witnessing the rapid shift towards digitization across industry verticals, in-depth knowledge of cybersecurity has become a mandatory aspect for the survival of any tech sector. With the thrust to keep myself up-to-date and gain global perspective, I decided to take up a master's level study in Cybersecurity, and there's no better location than the Cybersecurity program at New York Tech Vancouver in beautiful British Columbia.

I have gained first-hand Canadian work experience with my first full-time internship as a Cybersecurity Analyst,

I was also able to learn from the best professors and mentors, as well as collaborating with a diverse set of cohorts,

New York Tech has exceeded all of my expectations. This is a place where your failures are appreciated and your success is celebrated.



Elisa Kimus, M.B.A. Alumna

I have a Bachelor's degree and a Master's in Science Degree in Metallurgical Engineering from the Federal University of Rio de Janeiro.

I've always been interested in an MBA program since my graduation. When I was planning to come to Canada with my family in 2018, I came across New York Tech, which could offer me an international MBA program that would also allow me to take courses at any of New York Tech's other campuses. This opportunity was decisive to choose New York Tech Vancouver. I didn't find any university in Canada with the same offering. I've chosen to spend one semester in New York City, having classes at the New York Tech headquarter.

It was an incredible experience, and I'm confident that I've made the best choice by choosing New York Tech. I finished my MBA program this August, and I was pleased to get a job offer before my graduation date. Today, I'm an Enterprise Resource Planning Administrator at Paladin Technologies.



Maryam Karandish, Cybersecurity Alumna

I found Cybersecurity very interesting when I completed my first graduate course (OS security) at the New York Institute of Technology. I decided to pursue my master's degree in Cybersecurity while I was pursuing my Bachelor's in Software Engineering. I benefited a lot from my master's program and had the chance to get to know Cryptography, Intrusion Detection, attacks, and counterattacks. I learned how to apply those learnings and techniques to various aspects of software development. Our faculty encouraged us to conduct an independent project or apply for an internship in Cybersecurity related field.

The faculty are friendly and knowledgeable when students have questions or need suggestions for their future careers. We have a good alumni network where people can post learning opportunities, jobs, and questions. Last but not least, I had a very good learning community while I was pursuing my degree. I learned a lot from my professors and courses, which boosted my technical skills for job hunting after my graduation.

ADMISSION, TUITION, AND FINANCING



» Contact Us for Additional Program Information

- 📞 604.639.0942
- ✉️ vancouverinfo@nyit.edu
- 🌐 <https://vancouver.nyit.edu>

» Financial Aid/ Scholarships

Scholarships are available for eligible students, find out more at https://vancouver.nyit.edu/prospective_students under "Scholarships"

» Online Application

<https://apply.nyit.edu/apply/>

» Tuition and Fees

For a full list of fees, please visit https://vancouver.nyit.edu/bursar_prospective_students

We strive to make New York Tech education affordable. Learn more about our tuition, fees, and financial aid resources on our website: vancouver.nyit.edu

» How to Apply for Admission

All New York Tech Vancouver applications are done online and require a non-refundable \$50 USD application fee. The application process begins here: <https://apply.nyit.edu/apply/>

Once you have paid the fee, upload the following documents:

- Semester-by-semester transcripts for **all (four) 4-year** Bachelor's degree
- Bachelor's degree completion certificate
- Any transcripts or certificates received beyond your Bachelor's degree program
- Proof of English proficiency
- 1–2 page resumé or C.V.
- GMAT score if your overall GPA between 2.80-2.99 (*M.B.A.*)
- Copy of official GRE score (*M.EM, M.S.Cybersecurity; If required*)
- Statement of Purpose/Letter of Intent (*recommended; required for M.EM*)
- A copy of your passport
- Two (2) letters of recommendation from professors who are familiar with your undergraduate work (*recommended*)

STUDENT LIFE

» Join a Community

We understand your life as a student doesn't stop at the classroom door. New York Institute of Technology supplements curricular instruction with a breadth of social, cultural, and wellness-based activities to give you the best possible experience. One of the most important first steps to take as a new student is to attend orientation so that you can meet and connect with our community of faculty, staff, and students. Every semester, we offer unique events and activities on and off campus that provide you with the opportunity to make new friends who share similar interests and help you lead a balanced school life. On campus, the Student Lounge is the hangout space for students to relax and have fun.

» Our Mission

- Support and advice on student activities
- Nurture student engagement
- Identify and address student concerns

» Graduate Student Association

The New York Tech Vancouver Graduate Student Association is the bridge between the student body and administration. Let your voice be heard, facilitate changes to improve the student experience, and develop management and team building skills.

» Volunteer

Every semester, we create opportunities for our students to give back to the greater Vancouver community. Enhance your leadership abilities and meet new people.



CAREER SERVICES



The Office of Career Services provides an array of services to assist students in labor market readiness, including but not limited to:

- One-to-one career advising
- Professional networking opportunities
- Guest speaker events
- Job and internship postings
- Promotion of local career fairs and volunteer opportunities
- Experiential education support

Part-time job opportunities, local events and conferences, and volunteer opportunities are posted on campus every week. Career Services hosts an intensive Career Week in the fall and spring semesters, with classes and workshops as well as opportunities to network with industry professionals. Career Services also supports professional development events.

Career Services is here to help you develop the "soft skills" required to thrive in a professional environment. You must learn how to adapt and become flexible and develop a broad skill set that includes competencies in communications, project management, and entrepreneurship.

At New York Tech Vancouver, you'll learn to:

- Explore all available resources to help maximize your academic performance
- Create a North American style resume and look for a job in Canada
- Learn and practice job interview skills



ALUMNI RELATIONS

“ At New York Tech, working on coursework with people from diverse backgrounds helps you improve your soft skills like leadership, collaboration, and communication, and that’s what gives you an edge. You’re also cultivating your professional network in both Canada and the U.S.A. ”

— Faisal, M.B.A., Class of 2016

New York Tech Vancouver alumni make a positive impact on their communities and society as a whole. That’s because a New York Tech education results not only in knowledge and opportunity, but also promotes a community of makers and doers. Our alumni—from business leaders, innovators, and entrepreneurs to cybersecurity experts—are thriving professionals in Vancouver. Recent graduates have gone on to serve in positions including procurement operations analyst manager at Amazon Vancouver, and cybersecurity analyst at Best Buy Canada.

Alumni remain engaged with the New York Tech community through professional development and networking opportunities, social events, and special interest groups.

New York Tech Vancouver alumni support the next generation of doers, makers, innovators, and inventors.

NEW YORK INSTITUTE OF TECHNOLOGY

Vancouver

CONTACT US

New York Institute of Technology Vancouver Campus

 604.639.0942

 vancouver.nyit.edu

 vancouverinfo@nyit.edu

Broadway Tech Centre

2925 Virtual Way, Suite #310
Vancouver, British Columbia V5M 4X3
Canada

Follow Us

 [NYIT_Vancouver](#)

 [NYIT_Canada](#)

 [NYIT_Vancouver](#)

 [NYITVancouver](#)

