CANADIAN COLLEGE OF TECHNOLOGY AND BUSINESS



User Experience and Interactive Design with Co-op

In this comprehensive user interface and interactive design program, students will learn to create and evaluate user interfaces for a variety of platforms including web sites, mobile applications, and data-driven information systems. Students will learn web programming technologies such as HTML, CSS, Bootstrap and JavaScript in addition to developing specialized design knowledge and skillsets.

Key Facts

Campus
Vancouver

Qualification
Post-Secondary Diploma

Start Dates
Jan, May, Sep

Program Highlights

Become a User Experience specialist through completing a wide variety of activities in this program including User Interface (UI) Design, Information Architecture (IA), practical lab studies and field research.

- Learn rapid product prototyping and heuristic evaluation methodologies
- Create product wireframes, paper prototyping and low-fidelity mock-ups
- Interactive and human-centered design
- User behaviour modeling
- Learn to build web application user-interfaces with HTML, CSS, and JavaScript
- Foundations of user-interfaces: scale, contrast, pattern, shape, colour, typography, and layout
- Idea generation process
- Designing, running, and analyzing experiments
- Business analysis and system design
- Information visualization
- Interactive design capstone project

Why study this program?

Growing global demand for User Interface and User Experience Professionals...
Software application usability and end-user experience has become paramount in the development of modern user-facing software applications today. Software companies recognize that to develop successful products that standout in the marketplace today, their products need to be highly dynamic, responsive, visually captivating, and end-user friendly – leading them to acquire the expertise of talented user-interface and user-experience specialists.

The everchanging technology landscape...
The field of information technology is a rapidly evolving industry requiring fresh talent with the knowledge and skill of the latest technologies to power business development and new product creation. Learn the latest in application development technologies and design in this program to enhance your professional portfolio and become a highly sough-after candidate.

Empowering employment and professional development training...
Our specialized employment preparation training will enhance your communication skills, tailor you profile, build your technical portfolio and provide you with the industry insights that will enable you to secure the best possible job upon entering the industry.

Student Journey

This program consists of **47 weeks of scheduled program breaks.** The CCTB Career Development Centre will assist **international students** in securing a paid employment position related to their program field of study for students to work during the scheduled break periods. This will enable international students to accumulate the required technical work experience hours required to be eligible to apply for the **BCPNP Tech** program. Students are eligible to work full time during scheduled breaks.



	Academic	CO-OP + Scheduled Breaks	Graduation
International	45 Weeks	92 Weeks	137 Weeks
Domestic	45 Weeks	51 Weeks	96 Weeks

*Scheduled breaks for domestic students may be optional.

Please see proposed schedule **here**.

Courses

1. Introduction to Human Centered Design
2. Introduction to Design Principles
3. Input and Interaction
4. User Experience: Research and Prototyping
5. Sketching, Wireframing, Prototyping and Visual Design
6. Information Design
7. Mobile User Experience Design
8. Designing, Running and Analyzing Experiments
9. Relational Database Systems and SQL
10. Front-End Web Development and Design 1
11. Front-End Web Development and Design 2
12. Business Analysis and System Design
13. Information Visualization
14. Interactive Design Capstone Project
15. Employment Preparation Training

Co-op Experience

Gain the practical industry experience through our Career Development Centre's professional network, enabling you to become a sought-after industry candidate. Our CO-OP work experience placement is a **guaranteed paid position** representing 50% of the total program duration. Students will get the opportunity to apply their newly acquired skills within the industry through a guaranteed paid work experience placement opportunity.

Career Opportunities

- UX Designer
- UX Engineer
- UI/UX Developer
- UX Researcher
- Experience Designer
- Interaction Designer
- Information Architect
- UX Strategist
- UX Analyst
- Visual Designer
- UI Designer
- Digital Designer
- UI Artist
- Front-End Developer
- Content Strategist
- UX Copywriter

Learning Outcomes

Upon completion of this program, graduates will be able to design, evaluate and create dynamic, responsive, interactive, and user-friendly interfaces for a variety of different platforms such as web sites, mobile applications, and data-driven information systems using the latest design techniques, web technologies, and data visualization tools.

"During this program students may get up to 21 months of work experience which helps meet the criteria to be eligible for BC PNP tech and Federal Skilled Worker."

- Subbalakhmi A. Pillai (RCIC)
Registered Canadian Immigration Consultant. Helios Immigration Services.

For more information about BC PNP tech or Federal Skilled Worker immigration streams, visit:

T & C's Apply

Admissions Requirements

- Good command of English language*.
- High school diploma or equivalent from an approved government institution of applicant's home country, or applicant is minimum 19 years of age.

For non-native speakers:

- Successful completion of CCTB EAP (English for Academic Purposes) Level 4 or
- Have the required IELTS 5.5 score or equivalent or
- Pass the CCTB English Assessment (Written onsite or online with exam proctor)

*For more information on English language requirements, please see our Language Proficiency Assessment Policy.

Apply now!

Canadian College of Technology & Business
626 W Pender St, Vancouver, BC V6B 1V9, Canada
DLI: O134304821852
info@canadianctb.ca
@CanadianCTB
www.canadianctb.ca