FINANCIAL TECHNOLOGY (FNT)

About the Program

In this eight-month graduate certificate program, you will work with innovative and disruptive technologies used in the financial service sector. The program's expert faculty will outline best practices for product development and entrepreneurship and enhance your understanding of privacy, ethics and the regulatory landscape of financial technology. The program covers topics including cybersecurity, web application and mobile development as well as data analytics for financial services.

Note: Some classes will be taught by web conferencing, with you in the classroom.

In addition to evening classes, you are required to be in-class during regular business hours for a week-long intensive session at the beginning of the program, at the start of the second term and at the end of the program.

Part-time option is available > (http://www.senecapolytechnic.ca/ce/ business/finance-insurance/financial-technology.html)

Credential Awarded

Ontario College Graduate Certificate

Duration

2 Semesters (8 Months)

Starts

January, September

Program and Course Delivery

This program is offered in Seneca's flexible delivery format. Using innovative learning spaces and technology, professors teach students in a classroom or lab and broadcast in real time to students attending remotely. In flexible courses, students have the choice of coming on campus or learning online.

Skills

Throughout this program you will develop the following skills:

- Product development and entrepreneurship
- Privacy management
- Financial services and products
- Distributed ledger technology
- Cybersecurity
- Web application
- Mobile development
- Business management

Your Career

Graduates of the program can explore the following career options:

- Data analyst
- Financial technology product developer
- Application developer

Program of Study

Course Code	Course Name	Weekly Hours
Semester 1		
FNT101	Financial Services and Products	4
FNT102	Privacy Management and Identity Theft	4
FNT103	Blockchain/DLT and Cryptocurrencies	4
FNT104	Financial Services Regulatory Landscape and RegTech	4
FNT105	Business Analysis for Fintech	4
FNT106	Cybersecurity	4
Semester 2		
FNT201	Web and Mobile Design for Fintech	4
FNT202	Fintech Entrepreneurship and Start-Up Strategies	4
FNT203	Fintech Capstone Project	8
FNT204	Data Analytics in Financial Services	4

Program Learning Outcomes

This Seneca program has been validated by the Credential Validation Service as an Ontario College Credential as required by the Ministry of Colleges and Universities.

As a graduate, you will be prepared to reliably demonstrate the ability to:

- Design secure and regulatory compliant financial technology (Fintech) mobile and web solutions to support the financial services sector.
- Use data analytics to guide information for strategic decision making and to implement Fintech solutions.
- Recommend distributed ledger solutions that enable fast and secure payments, empowering customers and merchants to buy, sell, accept and store cryptocurrencies.
- Research web and mobile applications to design and implement new Fintech products and services.
- Adhere to ethical and legal guidelines to ensure data security, integrity, and confidentiality in the delivery of Fintech applications.
- Analyze organizational structures and management processes to recommend improvements to organizational performance through financial technology solutions.
- Develop plans using principles of entrepreneurship to start up, manage, and expand a small business.
- Practice professionalism when interacting with representatives of both the technology and business side of Fintech.
- Apply interpersonal, teambuilding, and leadership skills when participating in diverse organizational environments.

Admission Requirements

- Ontario university or college degree, or college diploma or equivalent.
- Applicants with an equivalent combination of academic and recent related work experience may be considered for admission through

Prior Learning Assessment (PLA). A relevant resumé and references must be provided.

- English proficiency (https://www.senecapolytechnic.ca/registrar/canadian-applicants/admission-requirements/english-proficiency.html) for graduate certificates

Canadian citizens or permanent residents educated outside of Canada must provide a World Education Services (WES) or ICAS Canada credential evaluation.

Notes

To participate in courses you must have a computer with a high-speed broadband access (LAN, Cable or DSL) Internet connection and up-to-date operating system, as well as a webcam and headset with mic for video conferencing.

International Student Information

International admissions requirements vary by program and in addition to English requirements (https://www.senecapolytechnic.ca/international/apply/how-to-apply/admission-requirements/english-requirements.html), programs may require credits in mathematics, biology, and chemistry at a level equivalent to Ontario's curriculum, or a postsecondary degree or diploma, equivalent to an Ontario university or college. Program-specific pre-requisite courses and credentials are listed with the admission requirements on each program page. To review the academic requirements please visit: Academic Requirements - Seneca, Toronto, Canada (senecapolytechnic.ca) (https://www.senecapolytechnic.ca/international/apply/how-to-apply/admission-requirements/academic-requirements.html).

Pathways

As a leader in academic pathways, we offer a range of options that will allow you to take your credential further in another Seneca program or a program at a partner institution.

To learn more about your eligibility, visit the Academic Pathways (https://www.senecapolytechnic.ca/pathways.html) web page.

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