



## **Financial Technology & Innovation (Co-op)**

Lawrence Kinlin School of Business

FTI1 / FTI2 – Financial Technology & Innovation (Co-op)

**This program has been permanently suspended.**

### **Program Description**

In this Financial Technology (FinTech) and Innovation post-graduate co-op program, you'll learn how to leverage technologies for mobile banking, investing, borrowing services and cryptocurrency to make financial services more accessible to the public. This specialized post-grad program is at the intersection of IT and business where the combination of technology and innovation are utilized to create financial solutions for the rapidly evolving fintech space.

### **Document of Recognition**

Financial Technology & Innovation Ontario College Graduate Certificate

### **Program Type/Credential**

FTI1 - A Two-Year Ontario College Graduate Certificate Program (international students)

FTI2 – A One-Year Ontario College Graduate Certificate Program (domestic students)

### **Learning Outcomes**

- Design secure and regulatory compliant financial technology (Fintech) mobile and web solutions to support the financial services sector.
- Analyze data to inform strategic decision making when implementing Fintech solutions.
- Propose cryptography solutions to support secure financial transactions to manage cryptocurrencies for various stakeholders.
- Design and implement new Fintech products and services that enhance the efficiency and convenience of transactions through mobile connectivity.
- Adhere to ethical and legal guidelines to ensure data security, integrity, and confidentiality in the delivery of Fintech applications.
- Develop plans using principles of entrepreneurship to start up, manage, and expand a small business.
- Adhere to professional practices and communication to foster positive relationships with clients and stakeholders.
- Integrate interpersonal, teambuilding, and leadership skills to effectively participate in diverse organizational environments.

### **Career Opportunities**

Fanshawe's Financial Technology and Innovation program will prepare graduates to take advantage of the growing opportunities evolving FinTech space. Graduates can expect to be hired as the following:



- Financial Analyst: Guide fintechs by examining financial data to gain insights on trends in order to assist in making financial decisions
- Blockchain Developer: Build and program apps and maintain centralized databases
- Product Manager: Manage fintech projects to meet client expectations, define project scopes, develop plans and timelines, and oversee resources
- Quantitative Analyst: Use statistical methods to solve financial and risk management problems
- Cybersecurity Analyst: Protect fintech computer networks and systems
- Financial App Developer: Create safe and secure applications for mobile banking and using the most current technology to develop new solutions to meet consumer needs

### **Admission Requirements**

A Two- or Three-Year College Diploma, or a degree in a Business or Information Technology field (Note: minimum 'C+' average or cumulative 2.5 GPA)

**OR**

Acceptable combination of related work experience and post-secondary education as judged by the College\*

**Note:** \*Applicants may be required to submit a resume and cover letter that includes details of work experience.

### **Approximate Costs**

Fee details are available at [www.fanshawec.ca/fees](http://www.fanshawec.ca/fees)

### **Contact**

Lawrence Kinlin School of Business: 519-452-4430 x14290

### **Campus Codes and Intakes**

- Program Codes: FTI1 (international students) / FTI2 (domestic students)
- Campus Code: LC (LC – London)
- Intakes: September Admission (FTI1) / January and May Admissions (FTI2)
- 15 week terms
- Academic Calendars available at [www.fanshawec.ca/academicdates](http://www.fanshawec.ca/academicdates)

### **Applicant Selection Criteria**

Where the number of eligible applicants exceeds the available spaces in the program, the Applicant Selection Criteria will be:

- Preference for Permanent Residents of Ontario
- Receipt of Application by February 1st (After this date, Fanshawe College will consider applicants on a first-come, first-served basis until the program is full)

- Achievement in the Admission Requirements

### **English Language Requirements**

- Applicants whose first language is not English will be required to demonstrate proficiency in English by one of the following methods:
- A Grade 12 College Stream or University Stream English credit from an Ontario Secondary School, or equivalent, depending on the program's Admission Requirements
- Test of English as a Foreign Language (TOEFL) test with a minimum score of 88 for the Internet-based test (iBT), with test results within the last two years
- International English Language Testing System (IELTS) Academic test with an overall score of 6.5 with no score less than 6.0 in any of the four bands, with test results within the last two years. SDS Program Requirements.
- Canadian Academic English Language (CAEL) test with an overall score of 70 with no score less than 60 in any of the four bands, with test results within the last two years
- Pearson Test of English Academic (PTE) with a minimum score of 59, with test results within the last two years
- A Cambridge English Test (FCE/CAE/CPE) with an overall score on the Cambridge English Scale of 176 with no language skill less than 169, with test results within the last two years
- Fanshawe College ESL4/GAP5 students: Minimum grade of 80% in ESL4/GAP5 Level 9 or 75% in ESL4/GAP5 Level 10

### **Program Pathways**

For information about Program Pathways visit [www.fanshawec.ca/programpathways](http://www.fanshawec.ca/programpathways)

### **Program Curriculum**

#### **Level 1**

Take all of the following Mandatory Courses:

- FINA-6032 Personal Finance in Canada – Credits 3.00  
CANS-6001 Contemporary Canadian Society – Credits 3.00  
CANS-6002 Citizenship & Immigration in Canada – Credits 3.00  
COMM-6046 Canadian Workplace Communications – Credits 3.00  
DEVL-6035 The Canadian Workplace – Credits 3.00  
DEVL-6036 Post-Secondary Learning in Canada – Credits 3.00  
POLI-6001 Canadian Government & Politics – Credits 3.00

#### **Level 2**

Take all of the following Mandatory Courses:

- INFO-6157 AI & Machine Learning – Credits 3.00



FINA-6034	Regulation, Privacy & Ethics – Credits 3.00
MGMT-6194	Leadership & Management in FinTech – Credits 3.00
FINA-6035	Financial Services & Products – Credits: 4.00
INFO-6158	Business Analysis for FinTech – Credits: 4.00
INFO-6159	Security Technology for Fintech – Credits: 4.00
COOP-1020	Co-operative Education Employment Prep – Credits: 1.00

### **Level 3**

Take all of the following Mandatory Courses:

#### **Group 1**

INFO-6160	Blockchain & Cryptocurrency – Credits: 3.00
INFO-6161	Big Data & Enterprise FinTech – Credits: 4.00
FINA-6036	Mobile & Web Applications – Credits: 4.00
FINA-6037	Automated Investing – Credits: 3.00
MGMT-6195	Client-Centric Technology Solutions – Credits: 4.00

#### **Group 2**

Students will be enrolled in one of the following courses:

INNV-6001 or MGMT-6196

INNV-6001 Innovation Applications – Credits: 4.00

MGMT-6196 Capstone in FinTech Integration – Credits: 4.00

#### **Program Residency**

Students Must Complete a Minimum of 17 credits in this program at Fanshawe College to meet the Program Residency requirement and graduate from this program