

# MOBILE APPLICATION DEVELOPMENT (MAPD)

## Unleash your creativity as a multi-platform developer

This intensive program will enable you to become a highly skilled software developer capable of transforming ideas into effective multi-platform software solutions. You will become a robust and valuable professional skilled in multi-platform software development, ensuring your applications are highly adaptable and have a broad reach. Unlike traditional programs, our curriculum does not focus on native development. Instead, it emphasizes multi-platform techniques, equipping you with the tools and technologies to craft standout applications that thrive across various platforms.

Becoming a great software developer is more than just learning how to code – we'll take pride in helping you improve your ability to manage time effectively, organize ideas, diagnose, troubleshoot problems, and communicate effectively.

As a grad from this program, you'll be familiar with the latest software development and cloud technologies.

## Program highlights

- Delivered with a series of condensed seven-week courses
- Learn the skills necessary to become a highly skilled software developer who can transform their ideas into practical solutions
- Experience a blend of theoretical knowledge and practical skills tailored to meet the current job market demands
- A hands-on, seven-week work-integrated learning experience in the final semester, consisting of a practical placement or a comprehensive capstone project

## Program of study for September intake of 2025-26 Academic Year

Semester 1		Credits
First 7-week block - SEP/OCT		
CMP 1970	Intro to Software Development	1
STY 1958	AI Coding Techniques	1
PRM 1024	Software Project Management	3
CMP 8080	Backend Technologies	3
CMP 1991	Frontend Frameworks	3
Second 7-week block - NOV/DEC		
COM 1947	Technology Career Essentials	1
BTA 8020	Business Process Management	3
CMP 1979	Modern Software Development	3
CMP 1946	Modular Development	3
	<b>Credits</b>	<b>21</b>
Semester 2		
First 7-week block - JAN/FEB		
STY 6510	Software Design Patterns	1
STY 4040	Software Product Development	3
CMP 5555	MultiPlatform Development	3
ISP 1969	Cloud Services	3
Second 7-week block - MAR/APR		
COM 1337	Collaborative Coding	1

DBA 3306	Data Management	3
CMP 1701	Enterprise Development	3
ART 1984	User Interface Design	3
	<b>Credits</b>	<b>20</b>
Semester 3		
BUS 1303 or BUS 1304	Software Development Placement or Software Development Capstone	6
	<b>Credits</b>	<b>6</b>
	<b>Total Credits</b>	<b>47</b>

### Note:

This program consists of two 14-week semesters, and courses are offered in a condensed format in two seven-week blocks each semester. Students will take three or four courses in the first half of the semester and three or four courses in the latter half.

Courses may vary in the order they are offered depending on when you start the program. The sequence listed is based on a September 2025 intake. For more information about this sequence, please email the program coordinator.

Part-time students will be provided with a pathway to complete this program on a part-time basis.

## Admission requirements

Applicants must be graduates of a diploma, advanced diploma, or degree program from an Ontario College or equivalent.

OR

Applicant must possess five years of work experience in a related field (or combination of education and work experience) as judged by the college to be equivalent. Applicants must submit a resume detailing their related experience and a cover letter outlining their competencies and preparedness for the program (any and all post-secondary transcripts must still be submitted).

## Additional admission requirements

### Recommendations

#### Highly recommended:

- Proficiency in programming

Students who do not possess any foundational programming skills will find this program very challenging

## Program delivery

### 2025-2026

#### November term start

SEMESTER 1: November 2025

SEMESTER 2: March 2026

SEMESTER 3: July 2026

#### Winter term start

SEMESTER 1: Winter 2026

SEMESTER 2: Spring 2026

SEMESTER 3: Fall 2026

#### March term start

SEMESTER 1: March 2026

SEMESTER 2: July 2026

SEMESTER 3: November 2026

### **Spring term start**

SEMESTER 1: Spring 2026

SEMESTER 2: Fall 2026

SEMESTER 3: Winter 2027

### **July term start**

SEMESTER 1: July 2026

SEMESTER 2: November 2026

SEMESTER 3: March 2027

Please note that courses may vary in the order they are offered depending on when you start the program. The sequence listed is based on a Fall intake. For more information about this sequence, please email the program coordinator.

## **Specific program pathways**

### **College or university degree opportunities**

If you are a graduate of this program, you may continue your studies at a college or university and you may receive credit(s) for your prior college education. Refer to Cambrian's college and university agreement (<https://cambriancollege.ca/supports-services/articulation-agreements/universities-in-canada/>) details for further information.

### **Part-time pathway**

This program can be completed on a part-time basis, with the exception of the work-integrated learning (WIL) component. The WIL component must be completed on a regular/full-time schedule; however, part-time students may request to complete their WIL with a (<https://cambriancollege.ca/campus-life/career-centre/>) job-out arrangement or seek academic credit for the WIL via the Prior Learning Assessment and Recognition (PLAR) (<https://cambriancollege.ca/supports-services/plar/>) process.

## **Employment opportunities**

Graduates will find employment in a wide range of organizations and industries including but not limited to:

- Not-for-profit organizations
- Government Agencies
- Financial Institutions
- Software development companies
- Educational Institutions
- Health Services
- Employment Services

## **Contacts**

### **Nathan Abourbih**

Program Coordinator

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### **INTERNATIONAL ADMISSIONS**

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