

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 7-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
- Flex delivery allows you to join classes in-person or online in real-time
- A hands-on, 7-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 2024-25 Academic Year

This program consists of two 14-week semesters, and courses are offered in a condensed format in two 7-week blocks each semester.

Students will take 3 courses in the first half of the semester and 3 courses in the later half as per the schedule laid out below.

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
Credits		21

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
Credits		20
Semester 3		
BUS 1303 or BUS 1304	Software Development Placement or Software Development Capstone	6
Credits		6
Total Credits		47

Note:

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 using Java

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

Program delivery

2023-2024

March term start

SEMESTER 1: March - June 2024

SEMESTER 2: July - October 2024

SEMESTER 3: November 2024 - February 2025

Spring term start

SEMESTER 1: Spring 2024

SEMESTER 2: Fall 2024

SEMESTER 3: Winter 2025

July term start

SEMESTER 1: July - October 2024

SEMESTER 2: November 2024 - February 2025

SEMESTER 3: March - June 2025

2024-2025

Fall term start

SEMESTER 1: Fall 2024

SEMESTER 2: Winter 2025

SEMESTER 3: Spring 2025

November term start

SEMESTER 1: November 2024 - February 2025

SEMESTER 2: March - June 2025

SEMESTER 3: July - October 2025

Winter term start

SEMESTER 1: Winter 2025

SEMESTER 2: Spring 2025

SEMESTER 3: Fall 2025

March term start

SEMESTER 1: March - June 2025

SEMESTER 2: July - October 2025

SEMESTER 3: November 2025 - February 2026

Spring term start

SEMESTER 1: Spring 2025

SEMESTER 2: Fall 2025

SEMESTER 3: Winter 2026

July term start

SEMESTER 1: July - October 2025

SEMESTER 2: November 2025 - February 2026

SEMESTER 3: March - June 2026

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 September 2024 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/>) 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 & 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

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INTERNATIONAL ADMISSIONS

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