



Mobile Application Developer

PROGRAM OUTLINE

PROGRAM DETAILS

The **Mobile Application Developer** program is designed to equip students with the skills and knowledge necessary to build, test, and deploy mobile applications across various platforms. This comprehensive program covers both **iOS and Android development**, along with cross-platform solutions, ensuring graduates are versatile and ready to meet industry standards.

ADMISSION REQUIREMENTS

- High School Diploma or equivalent
- Minimum 18 years or older
- Proficiency in English

For the most accurate and up-to-date admission requirements, we recommend contacting our college campus directly or visiting our website. Please note that meeting the minimum requirements does not guarantee admission, as certain programs may have limited availability.

EMPLOYMENT PROFILE

Skilled and innovative Mobile Application Developer with extensive experience in creating high-quality mobile applications for **iOS, Android, and cross platform solutions**. Expertise in building intuitive user interfaces, integrating backend services, and ensuring app performance through thorough testing and debugging. Strong problem-solving abilities, coupled with knowledge of mobile architecture and security best practices. Proven track record of collaborating with cross-functional teams to deliver scalable and efficient mobile solutions. Committed to continuous learning and adopting the latest industry trends to provide top-notch, user-centric applications. Key responsibilities will include **Application Development, User-interface design, Code management, Testing and debugging, API Integration, Performance Optimization, Security Implementation, Continuous Improvement, and Documentation among others**.

CAREER OPPORTUNITIES

Graduates are qualified for a range of entry-level positions in industries such as technology and software, healthcare, finance and banking, e-commerce and retail, entertainment and media, and education and e-learning such as:

- **Application Programmer**
- **Cloud Developer**
- **Computer Application Programmer**
- **E-commerce Software Developer**
- **Graphics Programmer**
- **Interactive Media Developer**
- **Mobile Applications Developer**
- **Software Developer**

\$59K - \$149K	Annual Salary
\$28/hr – 72/hr	Hourly Rate

**According to jobbank.gc.ca (NOC 21232)*

PROGRAM DURATION

Total program hours	1040 Hours
Total program length	52 weeks

PROGRAM OUTLINE

The Mobile Application Developer program at A1 Global College is designed to equip students with the essential skills and practical knowledge needed to excel in mobile app development across various industries, including technology, healthcare, finance, and e-commerce.

Here are the program's core focus areas:

- Programming Languages (C++, Java, SQL, CompTIA A+)
- Android & iOS Development
- UX/UI Design
- Backend Integration
- Performance Optimization



Mobile Application Developer PROGRAM OUTLINE

Gain practical experience in **the Mobile Application Developer program** by designing user-friendly interfaces, building cross-platform apps, integrating secure backend, and optimizing performance for careers in the tech industry.

PROGRAM SUMMARY

This table will display a summary of total instructional hours, delivery format and percentage weight for every type of learning entered in the List of Subjects. The Ministry, Career College and any subject or education assessors may refer to this section for a general understanding of the components of the program.

Type of Learning	Total Instruction Hours	Delivery Format	% Weight
Theory	360.00	Hybrid	34.62
Practicum	680.00	Hybrid	65.38
Total Programming Hours	1040.00		100

List of subjects with the time allocation for each

#	Subject	Instruction Hours	Delivery Format
1	Business Communication	80.00	Hybrid
2	C++ Programming	80.00	Hybrid
3	Java Programming	80.00	Hybrid
4	Introduction to SQL	60.00	Hybrid
5	Comp TIA A+	60.00	Hybrid
6	HTML5 and CSS 3	60.00	Hybrid

7	Android Application Development	120.00	Hybrid
8	Web Technologies for Mobile Applications	60.00	Hybrid
9	Secure Development for Mobile Applications	60.00	Hybrid
10	Mobile Application UX Design	40.00	Hybrid
11	Mobile Application UI Design	40.00	Hybrid
12	iOS Development	120.00	Hybrid
13	Xamarin Mobile Application Development	40.00	Hybrid
14	Hacking Mobile Application	60.00	Hybrid
15	Mobile Application Development Project	60.00	Hybrid
16	Job Search Strategies	20.00	Hybrid

**The course content may be changed to meet the demands of industry:*

Please Note:

- a) The courses listed above may not be presented in the order that they appear in this outline.
- b) Textbooks and supplies necessary for the program will be provided by the college and is part of the fee structure. No external books are allowed besides those mentioned in the curriculum.
- c) A segment of the program may utilize online and/ or computer-assisted learning courses or a combination of various learning methods, including instructor moderation and online-delivery, to enhance the learning experience.
- d) To support continuous development and updates, the college reserves the right to make amendments or modifications if necessary.