

MOBILE APPLICATION PROGRAMMING

2 YEARS - CAREER PROGRAM

ABOUT THE PROGRAM

Mobile Application Programming is a two-year AEC career program that prepares students for a professional career in the mobile application programming or mobile interface design industries.

The program provides specialized training in response to a growing demand for a labor force in this industry sector. Upon completion of the program, students will have the necessary skills to develop:

- Native applications on the iOS and Android mobile platforms
- Web-based applications on the iOS and Android mobile platforms

IS THIS FOR YOU?

With major growth in the use of mobile tools (smartphones, digital tablets, iWatches, etc.) the mobile application programmer (MAP) must adapt to the specificities and display settings on each type of device (constraints of a small screen, variety of screens, limited interaction capability, diversity of platforms, etc.)

A mobile app programmer has the option of versatility within this industry as they may work many parts of a mobile application, such as the creation of a new app, the adaptation of a website to a specific mobile platform, or the optimization of an existing application. They may be tasked with working in an Android or iOS environment for either the back-end or front-end of a project.



CAREER PROSPECTS

- Mobile application programmer
- User Interface Designer
- Computer Programmer with Mobile Specialization
- UX/ UI Designer

THE PROFESSION

Based on the technical specifications and instructions sent by the project manager, the mobile application programmer (MAP) develops the technical requirements and programming of mobile applications. MAPs program the functionalities that correspond to the needs of the client.

SEMESTER 1

- 420-A01-TV INTRODUCTION TO PROGRAMMING
- 420-A02-TV MULTIMEDIA UTILITY PROCESSING
- 420-A03-TV DATABASE I
- 420-A04-TV OBJECT-ORIENTED PROGRAMMING
- 420-A05-TV MOBILE WEB PROGRAMMING I

SEMESTER 2

- 420-A06-TV ANDROID MOBILE APPLICATION I
- 420-A07-TV MOBILE APPLICATION UNDER IOS 1
- 420-203-TV DATABASE II
- 420-204-TV OBJECT-ORIENTED PROGRAMMING II
- 420-205-TV MOBILE WEB PROGRAMMING II

SEMESTER 3

- 420-206-TV ANDROID MOBILE APPLICATION II
- 420-207-TV MOBILE APPLICATION UNDER IOS II
- 420-P01-TV STUDY PROJECT
- 420-S01-TV COMPANY INTERNSHIP