



LaSalle College

# MOBILE AND WEB APPLICATION DEVELOPMENT FOR MOBILE DEVICES IN INFORMATION TECHNOLOGY

## AEC ATTESTATION OF COLLEGE STUDIES DAY | 3 SEMESTERS

LEA.00

The aim of the program is to train students to become IT specialists who are able to develop and ensure the quality and functionality of mobile applications on iOS and Android platforms and also able to work in the field of mobile web development.

The content for this high-quality training program is designed to allow graduates to implement various types of native mobile applications, such as games and web-based mobile applications. These innovative applications will be used for mobile terminals (smartphones, tablets and digital assistants), using the most common technologies (iOS and Android).

Graduates will develop mobile applications in various sectors, such as the video game sector and will perform online monitoring for mobile web development projects.

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*This program is open to adults wanting to shift career paths or seeking to further their training by specializing in mobile application development.*

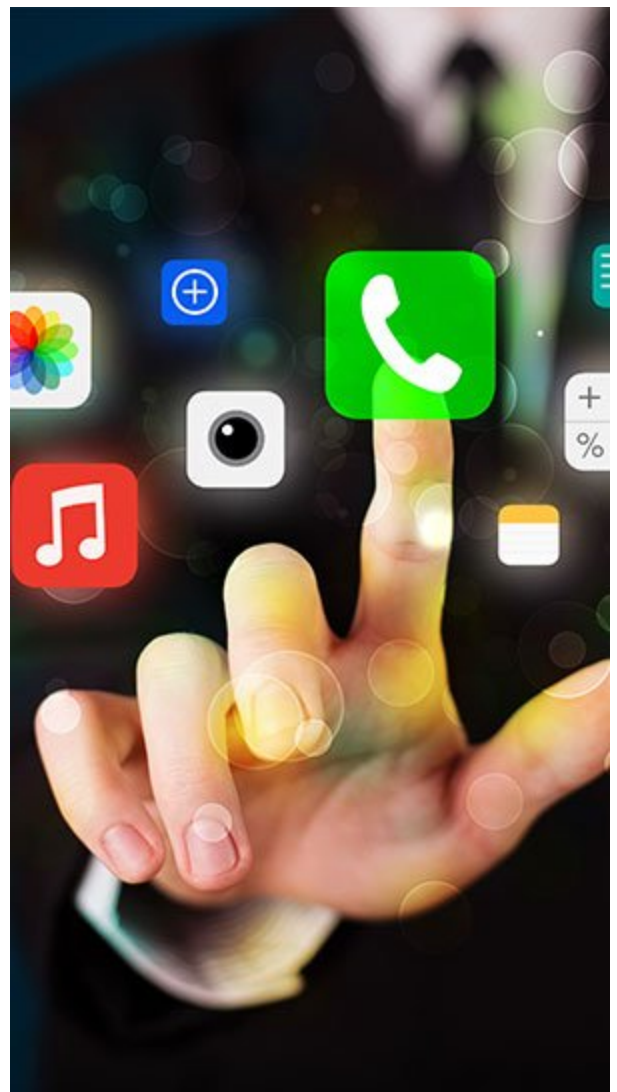
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### PROGRAM OBJECTIVES

Graduates will be able to assist clients (or employers) in defining their needs, model applications and program in languages specific to mobile devices.

### CAREER PROSPECTS

- Mobile application developer (iOS /Android platforms)
- Mobile application designer
- Mobile application quality assurance manager.





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### PROGRAM CONTENT

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#### CONCENTRATION COURSES

- Introduction to Programming (Java) (75 hours)
- UML Modeling (60 hours)
- SQL Databases (75 hours)
- Basics of Mobile Devices (60 hours)
- Introduction to Object-Oriented Programming (75 hours)
- Introduction to Mobile Development for Android (75 hours)
- Introduction to Mobile Development for iOS (75 hours)
- Project Management (90 hours)
- Advanced Android Mobile Application Development (90 hours)
- Advanced iOS Mobile Application Development (90 hours)
- Final Project (90 hours)

#### ADMISSION CRITERIA

- Possess basic computer skills as well as training deemed sufficient. It is also necessary to meet the college admission criteria established by MESRS.
- Students must bring their own laptops (specific requirements concerning laptops will be provided to students).

\* The College reserves the right to substitute certain courses.

