

mobile  comply

**Mobile  
Application  
Development**

## Mobile Application Development

**Mobile Application Development** is designed to provide an introduction to mobile programming concepts and development tools in each of the four disciplines:

- Design
- iOS
- Android
- HTML5

Each course will give participants a basic tour of development differences in web apps and native apps for Android using Android Studio and the Android SDK native apps for iPhone, iPod Touch, and iPad using Xcode and the iOS SDK, and writing web apps for both platforms.

Participants will interact with developers and designers and have exposures through group projects in code for each discipline.

### Outcomes

Participants will be provided with an interactive introduction to various languages as a stepping stone for application development in the mobile operating system of their choice. Furthermore, participants will receive a foundational knowledge of the latest updates in the coding evolution and latest release information to the respective Operating Systems.

### Objectives

Participants who successfully complete Mobile Application Development will be able to:

- Broadly explain key components of the mobile development platforms
- Identify examples of various development tools used in each
- Explain key components of User Interface
- Recognize the benefits and challenges of iOS, Android & HTML 5 and tools to support each
- Demonstrate awareness of differences between responsive design and native mobile applications
- Understand the most recent developments in each platform
- Create a functional app
- Building a basic UI-driven App in all three Oss

## Intended Audience

Mobile Application Development is designed for those interested in gaining foundational knowledge of the application development process.

## Pre-Requisites

No pre-requisites exist for Mobile Application Development.

## Learning Approach

This course uses a blended learning approach which combines classroom and online training techniques to achieve knowledge and skill-elevated participant outcomes.

Participants attend the instructor-led portion of the course over a total of five, non-consecutive days. This classroom learning is supplemented by online reading materials, videos, and individual assignments designed to enhance the learning process.

This course series is broken into two (2) Mobile Application Development Sections:

1. [Training MD-MDLB/201](#)
2. [Training MD-MDLB/202](#)

The courses build upon one another, so participants must complete Course 201 before taking Course 202.