

iOS App Development for Beginners

This program is designed to convert fresher's students to industry standard iOS developers. On completion of this course you'll be able to, Develop in Objective-C, Build your own native & scalable iOS apps for iPhone, iPad & iPod.

What you will learn...

- How to build iOS applications for iPhone, iPod Touch and iPad.
- Everything you need to know about Objective-C to develop iOS apps.
- Techniques to build scalable apps using MVC (Model, View & Controller) techniques.
- Full details on the submission process and essential tips to get your app into the app store.

Course Structure – (120 Hours)

Module 1 - (10 Hours)

- Overview of Apple ecosystem.
- Native vs. web based Applications.
- Overview of iOS SDK Frameworks.
- iOS application development overview.
- Look into Xcode, iPhone simulator Interface.
- MVC Patterns in iOS.
- “Hello World App” – your first iOS Application.

Module 2 - (10 Hours)

- Basic syntax & functions in Objective C.
- iOS screen geometry.
- Windows, Views and View Controllers.
- Basic User Interface Components.
- Creating a “Calculator App”.



Module 3 - (20 Hours)

- Protocols & Delegates.
- Working with Internet API's.
- Complex User Interface Components.
- Storing data in apps.
- Create a multi screen App with all the Major UI components.

Module 4 - (20 Hours)

- Use iOS Gallery and Camera in apps.
- Make sounds from apps.
- Control Simple Gestures
- Do Simple UI Animations.
- Make tasks run in background.
- Apple Push Notification concepts.
- Core Location, Maps.

Module 5 - (15 Hours)

- Auto Layout designing concepts.
- Universal Apps.
- Portrait and Landscape views in apps.
- New features in iOS 9.
- Getting started on SWIFT.

Module 6 - (45 + Hours)

- Project
- Additional topics & Industry level app development guidance
- Mock iOS developer interviews



Learning Materials

There is no required textbook for this training purpose. Apple documentations are the primary source material. You will learn how to access the documentation, search for information, how to use it to build-in to Xcode.

Eligibility

Our iOS app development-training program is appropriate for experienced programmers or beginners. A basic knowledge in computer programming and an interest to learn and work on the world's best mobile OS environment will be good enough.

Naive programmers need not feel nervous; we will ensure that you are comfortable with topics before jumping to next one.

Certification

On completion of the training and successful development of the project assigned to you, you will be certified with an experience certificate of iOS Application Developer –Trainee by Coding House.

