



Technocation Freelancing Training Institute And Software House

IOS Development Certification Module

MODULE 1: Introduction to iOS

- iOS is the system used in iPhones and iPads
- Learn what apps are and how they work
- See how iOS is different from Android
- Fun talk: “What apps do you use daily?”

MODULE 2: Getting Started with Xcode

- Xcode is the main tool to make iOS apps
- Download and open your first project
- See where to write code and design apps
- Make a simple “Hello iPhone” screen

MODULE 3: Learning Swift Basics

- Swift is the coding language for iOS
- Learn numbers, words, and simple math in Swift
- Write your first “print” line in code
- Try small coding exercises

MODULE 4: User Interface (UI) Design

- Learn what UI means (buttons, text, colors)
- Drag and drop buttons in Xcode
- Change colors, fonts, and shapes
- Make a fun “Press Me” button

MODULE 5: Adding Actions

- Connect your button to real code
- Make it do something when clicked
- Try changing text on a screen
- Add sound or emoji when pressed

MODULE 6: Variables & Logic

- Store numbers or words in variables
- Use “if” to make smart choices
- Example: If score > 10, show winner
- Play with math in your app

MODULE 7: Multiple Screens

- Learn how apps move to new screens
- Add a “Next” button to switch screens
- Pass information between screens
- Create a mini quiz with 2 pages

MODULE 8: Using the Camera & Images

- Learn to open the iPhone camera
- Take a photo and show it in your app
- Add pictures from the gallery
- Make a funny photo frame app

MODULE 9: Notifications

- What are notifications? (pop-up messages)
- Create a reminder inside your app
- Make a daily “study reminder” app
- Add sounds or emojis in alerts

MODULE 10: Internet & APIs

- Learn how apps talk to the internet
- Example: Weather or joke API
- Show real-time data in your app

- Build a “Joke of the Day” app

MODULE 11: Simple Game Development

- Learn about game screens
- Add score and timer in your app
- Make a small tap-the-ball game
- Try to increase difficulty levels

MODULE 12: Debugging & Testing

- Debugging means fixing mistakes
- Learn how to find errors in code
- Test your app on the iPhone simulator
- Celebrate when the app works!

MODULE 13: Certification Module

- Build your own simple iOS app idea
- Show it to your teacher and friends
- Get feedback and improve your app
- Receive **iOS Junior Developer Certificate**

