



Swift Programming Program

Master Swift – The Backbone of iOS, iPadOS & watchOS Applications

Swift is Apple's powerful, modern programming language used to develop **interactive, safe, and high-performance apps** across the Apple ecosystem. It's not just about syntax—it's about building scalable mobile products with a smooth user experience.

At **Certed Technologies**, our **Swift Program** is built to take you from foundational programming logic to advanced iOS-ready implementations using **Xcode, SwiftUI, UIKit, and Firebase**.



Why Swift? Why Now?

Swift is the **de facto language** for building mobile applications across iPhone, iPad, Watch, and even Apple Vision Pro. With **faster performance, safe memory handling, and clean syntax**, Swift is ideal for crafting high-end mobile interfaces, games, and business logic.

Companies building for Apple platforms expect Swift proficiency—from startups to Fortune 500 companies.



Learn from Apple-Stack Experts

Our instructors have deep experience developing and shipping iOS/iPadOS apps using Swift, SwiftUI, and native APIs. You'll build confidence in writing efficient Swift code and connecting it to real-world mobile solutions.



Program Highlights

Feature	Description
Duration	3–4 Months / 200+ Hours
Delivery Mode	Hybrid (Online + Offline)
Tools & Platforms	Swift, Xcode, SwiftUI, UIKit, Firebase, GitHub

Project Work	4+ Swift-Based Projects + 1 Capstone
Certifications	Industry-Recognized + Apple Ecosystem Badge
Career Support	Resume Mentoring, GitHub Reviews, App Demo Support

What You'll Learn

Module 1: Getting Started with Swift

- Swift Setup with Xcode
- Variables, Constants, Data Types
- Control Flow: If, Switch, Loops

Module 2: Object-Oriented Programming in Swift

- Classes, Structs, Enums, Protocols
- Optionals, Closures, and Extensions
- Memory Management: ARC & References

Module 3: UI & Layout with SwiftUI + UIKit

- Views, Stacks, Modifiers, Bindings
- NavigationView, Lists, TabView
- UIKit Components & Auto Layout

Module 4: Working with Data & APIs

- Codable, JSON Parsing
- Network Requests with URLSession

- Local Data with UserDefaults & CoreData

Module 5: Firebase + Device Integration

- Firebase Auth & Firestore
- Push Notifications with APNs
- Camera, Maps, and Location Services

Module 6: Capstone Project

- Build an End-to-End Swift App
- Connect UI, Data & Backend
- App Deployment Practice (Optional Demo)

Who Should Enroll?

Ideal for:

- CS/IT/MCA/BCA Students targeting iOS careers
- Web or mobile devs exploring Apple's platform
- Engineers aiming to build iOS-specific MVPs
- Professionals preparing for Swift-based roles in startups

Career Outcomes

This program prepares you for roles such as:

- Swift Developer

- iOS App Developer
- iOS SDK Integrator
- SwiftUI Engineer
- Apple Product Developer

Top Hiring Sectors:

FinTech | HealthTech | EdTech | Product Startups | Design Studios | Enterprise Mobility



Tools & Technologies Covered

Swift | Xcode | SwiftUI | UIKit | Firebase | REST APIs | CoreData | GitHub | JSON | APNs | MapKit



Sample Project Ideas

- ToDo List App with CoreData
 - Personal Finance Manager using SwiftUI
 - News Reader with REST API
 - Authentication App with Firebase Auth
 - Weather Forecast App with Location Services
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Certification

You'll receive a **Joint Certificate** from Certed Technologies + Industry Mentors and a **Swift Developer Badge**, validating your Swift language and iOS platform proficiency.

What Makes This Course Unique?

- ✓ Focused Swift Programming for iOS Readiness
 - ✓ Includes SwiftUI + UIKit Parallel Learning
 - ✓ Firebase Integration for Realtime Features
 - ✓ iOS-Specific Architecture & UI Patterns
 - ✓ Career Prep + GitHub Profile Development
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Upcoming Batch

Batch Start Date	Mode	Status
15 July 2025	Online	Open
22 July 2025	Offline	Few Seats Left
05 August 2025	Hybrid	Open

Custom Swift Training for Teams & Colleges

We provide custom Swift-focused programs for:

- Engineering/MCA/BCA Colleges
- Apple Developer Clubs (iOS Skill Boost)
- Mobile Product Startups
- iOS Agencies training Swift Interns


Customization Options:

- SwiftUI-Only or UIKit-Heavy Tracks
- App Architecture + Firebase Bootcamp
- Local Storage (CoreData) Focused Training

- Crashlytics + Performance Monitoring Add-Ons

Talk to an Advisor

 Email: support@certedtechnologies.com

 Call/WhatsApp: +91-8920158923 | +91-9009015026

Ready to Build for the Apple Ecosystem with Swift?

“Whether you’re creating lifestyle apps, finance tools, or design-centric platforms—Swift is your gateway to the iOS world.”

 [Enroll Now](#)  [Request a Callback](#)

Frequently Asked Questions (FAQs)

1. Is this course beginner-friendly?

Yes. You don’t need prior iOS knowledge—we start from core programming principles in Swift.

2. Do I need a Mac to learn Swift?

Ideally, yes. For local builds with Xcode, a Mac is recommended. We offer cloud-based alternatives for hybrid learners.

3. Is Swift only for iOS apps?

Primarily, yes—but it’s also being adopted for backend (with Swift on Server) and cross-device development.

4. Does this course teach app publishing?

The Capstone project simulates real-world deployment, and we provide optional publishing guidance.

5. Are real-world projects included?

Absolutely. Every module includes projects that reflect practical use cases.

6. **Can this be used in college project work?**

Definitely! Swift-based apps stand out in final-year mobile development submissions.

7. **Is placement assistance included?**

Yes. We provide resume, LinkedIn, GitHub guidance, and interview preparation.
