

Apple iPhone

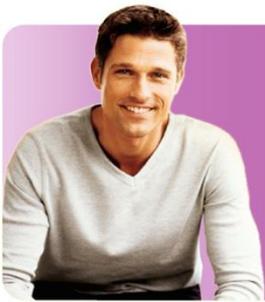
iPhone Training

Courses

Mobile Training

Certifications

MT001



Corporate Trainer's Profile

Corporate Trainers are having the experience of 4 to 12 years in development , working with TOP CMM level 5 companies (Project leader / projects Manager) qualified from NIT/IIT/IIM and work exp in USA and UK.



Capability Maturity Model level Project Standard***:-

The Capability Maturity model (CCM) is a method for evaluating the maturity of Organizations on a scale of 1 to 5.

Get the oppertunites to work on client Projects of US/UK, which follow the all standard of CMM level 5 Company.



iPhone Training

This iPhone and iPad app development course is designed to get you started in iPhone app development. This course includes Interface Builder, Xcode, Objective-C, Cocoa Touch programming, and the APIs included in the iOS SDK. After completing our iPhone app training course you would be able to build applications for iPhone and iPad. The complete course is hands-on based. At the end of the course we will built a practical iPhone App in the class. This app development project will ensure that you can build your own apps for iPhone and iPad.

This training course can be taken as a part-time evening course or even on the weekends.

Duration

2.5 Months

Who is this iPhone App Development course for?

This training course is for you if you are interested in using objective-C to build your own iPhone and iPad apps.

Learn from iPhone & iPad App Developers

This course will be offered by our iPhone app developers who have been have been programming professional iPhone application. Those consultants write and teach our iPhone training courses, so their experience directly informs course content.

- Required Prerequisites:-
- You should have basic experience with object-oriented languages such as Java, PHP, C# or ASP.net.
- You would need to bring your Mac laptop

Suggested Prerequisites:

A basic knowledge of Objective-C. If you never used Objective-C, consider our Objective-C course

Suggested Prerequisites:

A basic knowledge of Objective-C. If you never used Objective-C, consider our Objective-C course

Is this iPhone Course for beginners?

This course is not suitable for delegates with no programming experience. If you have no previous experience of Object Oriented Programming then you can take few other courses to learn Object Oriented Programming. If you would like to first get some object oriented programming experience, we offer PHP course, ASP.net training courses and Objective-C. Please contact us to discuss this prerequisite.

Course contents

Introduction iPhone App Development course

Introducing the iPhone, iPod Touch and iPad
What is it like developing for Apple's Platform?
What is Objective-C
Xcode IDE as a development tool
The iOS Developer Center, Programme and SDK

Objective-C Basics

Introduction to Objective-C
Use Objective-C for iPhone/iPad development
Objective-C syntax and constructs
Objective-C classes
allocate and deallocate objects
How to define properties
memory management and ARC
Foundation classes
message sending at runtime (dynamic binding)

Cocoa Touch Design Patterns:

Cocoa Touch for the iPhone, iPod Touch, and iPad
What are object-oriented design patterns?
Object-oriented libraries of Cocoa touch
What is Model-View-Controller (MVC)?
Use of delegation
How to declare a protocol

Foundation

What does foundation provide?
Using NSString and NSArray
Using Dictionaries
Using NSXMLParser
Using NSURLConnection

Xcode IDE as a development tool

Use Xcode IDE for building iPhone applications
Debugging and editing using Xcode IDE
Manage project resources
Visual Interface design

View and View Controllers

What are views and view Controllers?
Model-View-Controller (MVC) design for Apps
Design Views
Connect view to controllers
Apple's pre-built view controllers

Interface builder GUI Tool

How to design applications using Interface Builder
Connect interface to your code
File's Owner and First Responder

Table Views:

What is a Table View
Create data source and a delegate
Insert and delete table data
Navigate between tables using navigation controllers

Graphics:

Use of images and other resources in an app
How to use images

Gesture Recognizers:

What are gesture recognizers
Touch Events
Taps, swipes and pinches

Animation:

How to use built in Animations
Using blocks to write custom animations

System Events

Application Life Cycle
The runloop
What are notification centers?
iPhone's built in sensors
Local / Push Notifications

iPhone and iPad virtual keyboard

Use of virtual keyboard
The responder chain
Using delegates to control keyboard input

iPad App Development:

Difference between iPhone and iPad App
Build a universal app for iPhone and iPad
Split-View Controller

Performance and Debugging:

Find and fix problems
Eliminate hot spots and slow code
Instruments utility

Manage Navigation:

Create navigation in an iPhone App
How to use Apple's navigation controller
User of the tab bar controller

Integrate with Apple APIs:

Integrate your app with Address Book
Integration with Maps
Integration with Safari.
Integration with Messaging
The iOS5 Twitter API

Integration with 3rd Party APIs

What is JSON
What is a RESTful API?
Use of JSON in your app

Concurrency

The main thread
Working with threads
Using Grand Central Dispatch on iOS

Submitting your app for approval

How to submit app?
What to consider before submitting app

Build a complete a real world iPhone application in class with an experienced developer as mentor.

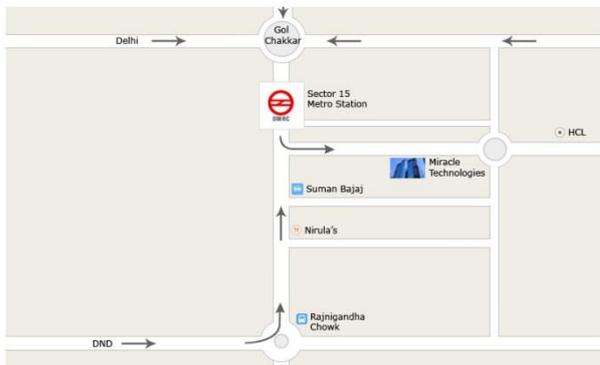
Features:-

- ✔ 1. Task-Oriented, Competency-Based Course Design
- ✔ 2. A Truly Hands On Learning Experience – At Least 50% Lab Time
- ✔ 3. Courseware Ownership & Control
- ✔ 4. Instructors With Extensive Experience of the corporate , having the Certifications.
- ✔ 5. On line Training /On site training is available
- ✔ 6. Small Class Size ,proper doubt classes by the assistance
- ✔ 7. A Cost-Effective, Total Solution
- ✔ 8. Training will get the confirmation letter and Industrial Live Project (For pursuing students to submit the letter in college.)
- ✔ 9. FREE Assessment test for job eligibility.
- ✔ 10.Placement tie with the companies.

Mobile No: +91 9311305845
+91 9311305846
+91 9311305847

Miracle Corporate Solutions Pvt. Ltd.

B-12, 1st Floor,
Behind Delite Showroom,
Adjacent to Metro Station,
Near Gol Chakkar, Sector-2 Noida, UP (India)
PH: +91-120-4040104



- Sector 15 Metro Station**
- Adjacent to Metro Station**
- Miracle B-12, Sector-2**

Please mail to:
sales@miracleindia.com

Technologies
JAVA
.Net
Embedded
Testing
PHP
Mainframe
iPhone
Android
Oracle
Sharepoint
Biztalk
Hadoop
Cloud
Matlab
XML
Web Development
Telecom
C/C++
Robotics
VLSI
Networking
Linux
Windows
Data Warehousing
Plc Scada
CAD/CAM
SMO+SEO
animation
Flex Ria
SOA
SQL Server
Cyber Security
Postgre SQL
Business Analysis
Report
Prince
ITIL
Agile Scrum
PMP
Management And Leadership
Communication
HR Specailist