

KAÏNA-COM TRAINING CATALOGUE

iPhone/iPAD Application Development

Develop iPhone/iPAD Applications



Nos locaux
KAÏNA-COM France
LE CARRÉ HAUSSMANN II
6 Allée de la Connaissance
77 127 Lieusaint



Contact
+33(0)9 50 20 91 64



E-mail
info@kaina-com.fr



Site Internet
www.kaina-com.fr

KMO005 – iPhone/iPAD Application Development

Reference KMO005

Experience

- Beginner
- Intermediate
- Advanced

Duration Training Program:

- 5 days

Training Method

- I: i-learning, individual training (web-based training)
- V: v-learning, virtual class
- C: c-learning, classroom training

KAÏNA-COM
LE CARRÉ HAUSSMANN II,
6 Allée de la Connaissance
77127 Lieusaint - France

Price 2.526,50 € HT

Prerequisite It is a mandatory that participants in this learning opportunity are familiar with:

- C programming experience
- A basic understanding of the principles of object oriented programming is expected and will be very briefly reviewed.

Audience This course is for developers who wish to create iPhone or iPad applications from scratch. Delegates should be proficient developers with a good knowledge of a modern, object oriented language such as Java, C++, C#, Ruby, or Python

Continued on next page



KMO005 – iPhone/iPAD Application Development, Continued

Objective

At the end of this learning opportunity participant will:

- Be able to develop simple code in the Objective C language
- Be able to develop apps using the Apple SDK for iPhone, iPad and iPod Touch
- Be familiar with the application lifecycle, including how to upload apps to the Apple Appstore
- Be acquainted with iPhone tools – XCode IDE, Interface Builder and Instruments & debugging techniques

Continued on next page



Nos locaux
KAÏNA-COM France
LE CARRÉ HAUSSMANN II
6 Allée de la Connaissance
77 127 Lieusaint



Contact
+33(0)9 50 20 91 64



E-mail
info@kaina-com.fr



Site Internet
www.kaina-com.fr

KMO005 – iPhone/iPAD Application Development, Continued

Course Contents

Course Contents :

Table 1: KMO005 – Cours Contents (Day#1)

Chapter	Description
Object Oriented quick overview	<ul style="list-style-type: none"> Object Oriented quick overview
Introduction to IS and Cocoa Touch	<ul style="list-style-type: none"> Intro Syllabus History Frameworks Tools Online building simple app
Objective-C	<ul style="list-style-type: none"> Objective-C

Table 2: KMO005 – Cours Contents (Day#2)

Chapter	Description
Foundation Classes	<ul style="list-style-type: none"> (NSDictionary, NSArray, NSMutableArray...)
Memory Management	<ul style="list-style-type: none"> Alloc, release, auto release, ARC
UI Controls, Target-Action and MVC design pattern	<ul style="list-style-type: none"> Interface Builder, storyboards, IBOutlet & IBActions Delegates
Views and Drawing, Animations	<ul style="list-style-type: none"> Data display and user I/O Creating views. Views lifecycle Images, text Animation View swapping using Core Animation <ul style="list-style-type: none"> Supporting Interface rotation Auto resizing view Delegates

Continued on next page



KMO005 – iPhone/iPAD Application Development, Continued

Course Contents, continued

Table 3: KMO005 – Cours Contents (Day#3)

Chapter	Description
Tables Views table views delegates	<ul style="list-style-type: none">• cached cells• customizing table view• built - in cell types• accessory types• custom cells
Multi view applications & Navigation types	<ul style="list-style-type: none">• Sub-views
Multi view applications & Navigation types – Cont	<ul style="list-style-type: none">• UI Navigation Controller• Tab bar controller

Table 4: KMO005 – Cours Contents (Day#4)

Chapter	Description
Data Management	<ul style="list-style-type: none">• Property list• NS User Defaults• NSArchiver & NSUnarchiver
Video	<ul style="list-style-type: none">• MPMoviePlayer• UIWebView
Audio	<ul style="list-style-type: none">• Core Audio• System Sound API• AVAudioPlayer

Continued on next page



KMO005 – iPhone/iPAD Application Development, Continued

Course Contents, continued

Table 5: KMO005 – Cours Contents (Day#5)

Chapter	Description
Web Services	<ul style="list-style-type: none"> • quick HTTP • Content • Synchronous requests • Asynchronous requests <ul style="list-style-type: none"> – NSURLConnection
Threads – GCD & Operations Queues	<ul style="list-style-type: none"> • quick overview
Working with App Store	<ul style="list-style-type: none"> • quick overview
Push Notifications	<ul style="list-style-type: none"> • quick overview
Accelerometer	<ul style="list-style-type: none"> • 3-Axis Data • Framework • Debug
Location	<ul style="list-style-type: none"> • Technology • Framework • Debug
Taps and Touches	<ul style="list-style-type: none"> • Gestures • Tap • Touch • Responder Chain • Multi Touch • Responder notification
The End	<ul style="list-style-type: none"> • Q&A • Evaluation

