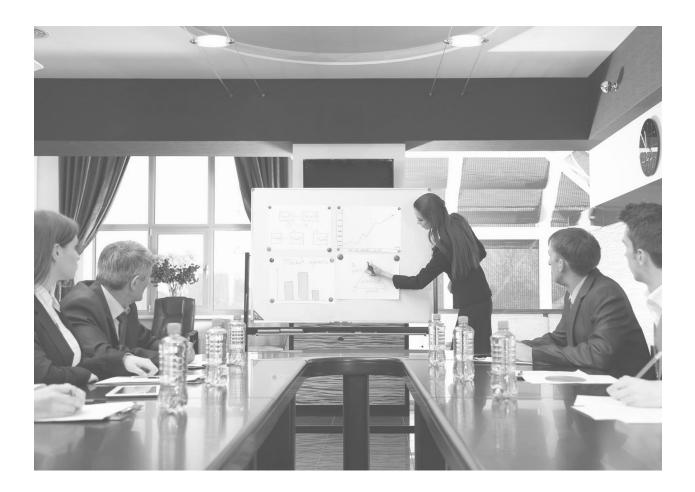# KAÏNA-COM
TRAINING CATALOGUE

iOS Development Course

Get familiar with iOS frameworks and APIs and will be able to build complex applications from scratch

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

KMO006 – iOS Development Course

Reference	KMO006

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

Experience in development in at least one object oriented language (C++, java, etc).
Or, C programming experience with basic understanding of the principles of object oriented programming (will be very briefly reviewed)

Audience

This course is for developers who wish to create iPhone or iPad applications from scratch and have little or zero experience in iOS development.

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

KMO006 – iOS Development Course, Continued

Objective

This course comes to provide developers with no or little knowledge in iOS up to speed with iPhone and iPad applications development.
Through this course we will get familiar with iOS frameworks and APIs and will be able to build complex applications from scratch utilizing navigations, animations, server communication, persistency and more.

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

KMO006 – iOS Development Course, Continued

Course Contents

Course Contents :

Table 1: KMO006 – Cours Contents (Day#1)

Chapter	Description
Introduction	• Introduction to iOS and Cocoa Touch
iOS Frameworks	• overview
Tools introduction	• Xcode and InterfaceBuilder
hands-on	• Online building simple app –
Objective-C	• Syntax • usage • best practice

Table 2: KMO006 – Cours Contents (Day#2)

Chapter	Description
Foundation Classes	• (NSDictionary, NSArray, NSMutable Array…)
Memory Management	• Alloc, release, auto release, ARC
Building User Interface	• UI Controls, Target-Action and MVC design pattern • Interface Builder, IBOutlets & IBActions Delegates

KMO006 – iOS Development Course, Continued

Course Contents, continued

Table 3: KMO006 – Cours Contents (Day#3)

Chapter	Description
UIView	• UIView Class – defining and using views in iOS • Quartz Drawing – custom drawings
UITableView	• How to add a TableView • Working with cached cells • Customizing the table view • Using built-in cell types • Understanding accessory types • Creating custom cells

Table 4: KMO006 – Cours Contents (Day#4)

Chapter	Description
Multi view applications & Navigation types	• Adding subviews to existing views • Building Multi-View Applications with UI Navigation • Building Multi-View Applications with Tab bar controller
Data Management	• Working with Property list • Saving data to NSUserDefaults • Persistency using NSArchiver & NSUnarchiver

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

KMO006 – iOS Development Course, Continued

Course Contents, continued

Table 5: KMO006 – Cours Contents (Day#5)

Chapter	Description
Application states & appDelegate methods	• what happens when an app is in background
Connect your app to the internet	• nsurl connection
Working with notification center	• Working with notification center
Working with App Store	• uploading new app and updates. • Allowing testers to install an application
List of subjects we did not cover	• List of subjects we didn't cover
The End	• Summary • Q&A • Evaluation

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