SETC Training Corporate Logo

C++ Training: Objective-C Programming (OBJECTC, 4 jours)

Description

The course Objective-C Programming (C++ Training) teaches you about Objective-C programming for Apple IOS devices. The training includes programming basics such as environment setup, variables, data types, control structures, functions & structure. The course also covers object oriented programming with Objective-C including classes, inheritance, polymorphism, interfaces & abstract classes to name a few. Our Objective-C training experience concludes with an exploration of controls and the MVC design pattern including views, models & controllers.

Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Setup
- Acquiring Xcode
- Installing Xcode

C Basics Overview
- C Code Formatting
- Variables
- Functions
- Scope
- Conditionals

C Memory and Pointers
- Arrays
- Loops
- Multidimensional Arrays
- Pointers
- Dynamic Memory

Objects
- Structures and Classes
- Accessors
- Inheritance
- Composition
- Objects Lifetime
- Working with Built-in Classes

Objective-C Basics
- NSStrings
- Methods
- Accessors
- Memory Management
- Implementing Classes
- Class Properties

Objective-C Advanced
- Class Protocols
- Dynamic Messaging

Working with Exceptions
Introspection
Core Value Classes
NSNumber
NSData
NSArray
NSDictionary
NSDate
NSSet
NSValue
Working with Controls
Windows and Views
Targets and Actions
Responder Chains
Outlets
Data Sources
Binding Data Sources
Objective-C MVC
MVC Architecture
Project Files
Creating the User Interface
A Complete Example
Customizing Views
View and Drawing Frameworks
Basic Geometry
Drawing
Paths
Images
Text
Handling Events
Mouse Events
Keyboard Events