



iOS



# MOBILE DEVICES DEVELOPMENT COURSES

2013

## Mobile Development 300: Windows Phone & Windows 8

### Windows Phone 8

Windows Phone SDK

User interface

Navigation

Input

Data

Local database

Communications

Launching, resuming, and multitasking

Device interaction

Globalization and localization

App manifest

App Packaging

More...

### Windows 8 Store (Metro) Apps

Controls

Files

Multimedia

Navigation

Asynchronous programming

Networking

Security

Store

App Packaging

UX/UI

More...

## Mobile Development 301: iOS Development

### Fundamentals

X-Code Overview  
 MVC Architecture  
 Memory management  
 Messaging  
 Dynamic typing and dynamic binding  
 Application Lifecycle  
 Cocoa Touch Framework

### Objective-C

C utility Classes  
 Interface, Implementation, and Program sections  
 Object Lifecycle and Garbage Collection  
 Protocols  
 Directives and Enumeration  
 More...

### iPhone OS

iPhone OS  
 View-Based Apps  
 Cocoa Touch Design Patterns  
 Delegation, MVC, Target-Action  
 Anatomy of an Application  
 File's Owner and First Responder  
 Location Framework  
 Camera  
 Gesture Programming  
 Animation Programming  
 Multimedia Programming  
 Notification & Rotation  
 Connecting outlets and actions  
 Memory management with Cocoa Touch  
 In-depth View-Based Apps  
 App Conceptualization and Design  
 iPhone App Categories, Design  
 Considerations, and Product  
 Definition Statements  
 Apple Human User Interface Guidelines  
 Table Views  
 Sqlite Programming  
 More...

<b>iPhone OS Development</b>	
	Coding, Concepts, and Deployment
	Navigation
	Persistent data
	Tab Bars and Pickers
	Multi-View Apps
	Application Settings
	Debugging
	Publishing to the iTunes Store
	Coding, Concepts, and Deployment
	Publishing to the iTunes Store
	More...

## Mobile Development 302: Android Development

### Fundamentals

Fundamentals

Android OS and SDK

### JAVA

Java Programming

Java Packages

Configuration

Intent and Processes

XML/JSON Programming

AIDL & IPC

Security

Performing Network Operations

Memory Management

Broadcast, Adapters, Receivers

More...

### Android OS

Android Architecture

Android Asset Packaging Tool

Activity Lifecycle

Activity Classes

Layout and Views

Multimedia

Graphics

Location and Maps

GEOCoder

More...

### Android API

Camera

Sqlite Programming

Services and Content Providers

Sensor Manager API

Android Action Bar

More...