

# Advanced iOS App Development

MD103

48  
Academic Hours

# Advanced IOS App Development

---

## Outline

This hands on course covers advanced topics in IOS development. It will provide you with Programming skills and experience required to build a complete IOS app.



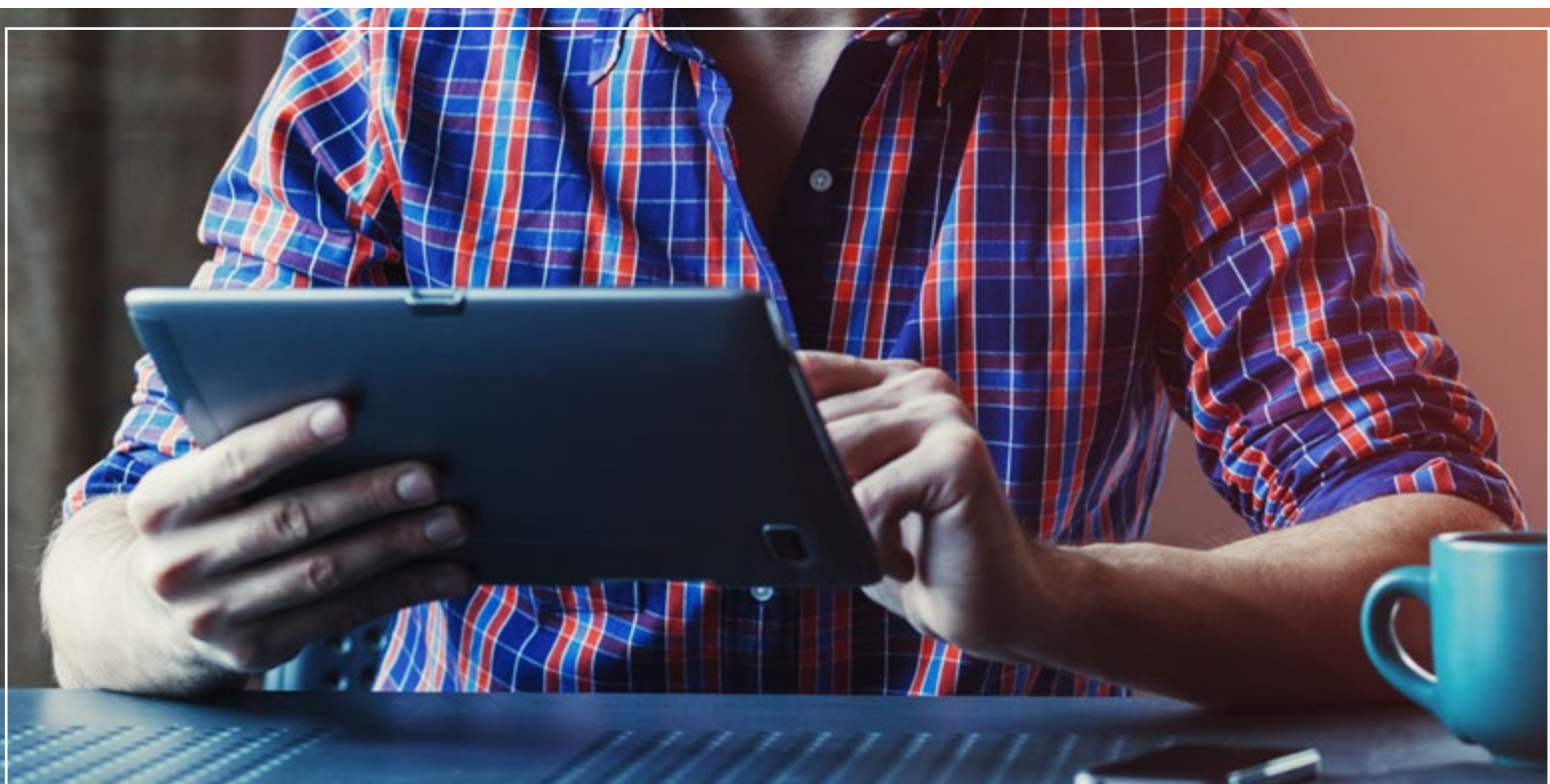
### Target Audience

Programmers with basic knowledge of basic IOS development.



### Prerequisites

Delegates for this course need to be experienced programmers in another programming language and have good understanding of object oriented programming principals and design patterns. For those without a previous knowledge of C Language, the first day of the course (optional) will cover basic C topics. In order to work outside the class, participants must have access to a Mac computer running Mac OS X 10.10 or better, and have Xcode 6.3 or better installed.





# Content

## Module 01 Dynamics, Graphics & Animation of UI

## Module 02 GPS Locations

## Module 03 Maps

## Module 04 Gesture Recognizers

## Module 05 Network and Communication

- | Downloading Data
- | Uploading Data
- | Customized HTTP Request
- | Serializing JSON
- | TCP Communication

## Module 06 Multimedia

- | Audio
- | Video

## Module 07 Camera

## Module 08 Notifications

- | Local
- | Remote Push

## Module 09 Files

- | Folders
- | Writing
- | Reading

## Module 10 Database and Core Data

## Module 11 Calendar and Events

## Module 12 Core Motion

- | Accelerometer
- | Gyroscope



# The HackerU **Advantage**

We have unparalleled experience in building advanced training programs for companies and organizations around the world – Talk to one of our experts and find out why.

**01**

**Handcrafted  
Training Programs**

**02**

**State-Of-The-Art  
Learning Materials**

**03**

**Israel's Premier  
Training Center**

**04**

**Fueled by  
Industry Leading  
Experts**

**05**

**Over 20 Years  
of Proven IT-  
Education Success**



[info@hackerupro.com](mailto:info@hackerupro.com)



[www.hackerupro.com](http://www.hackerupro.com)