



Certificate in Apple iOS Mobile App Development

M110 – Simple iOS app Creation

Module Description

At the end of this module the student would be able to create simple apps to demonstrate the following iOS features:

- Outlets and Actions
- Segmented Controls and WebView
- Sliders
- Switching between Views
- Navigating between multiple views
- Creating Segues
- Creating a TabBar Controller
- Creating TableViews
- Touches, Taps and Gestures
- Creating a Location Map Based app
- Using the Accelerometer

It is recommended that you complete the iOS Platform Components Module - M109 before attempting this Module.

Duration:

- 6 weeks – blended/flipped classroom mode using iTunes U

Eligibility and Pre-Requisites

- Anyone around the world but only HCT full time staff qualify for the certificate if they complete all the assessment tasks.

Course Outline

1. **Outlets and Actions**
 - 1.1. Creating a Calculator app
 2. **Segmented Controls and WebView**
 - 2.1. Creating a photo switching app
 3. **Sliders**
 - 3.1. Creating an animating images app
 4. **Switching between Views**
 5. **Navigating between multiple views**
 6. **Creating Segues**
 7. **Creating a TabBar Controller**
 8. **Creating TableViews**
 9. **Touches, Taps and Gestures**
 10. **Creating a Location Map Based app**
 11. **Using the Accelerometer**
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Assessment

- Develop a project based app - 25% of final grade