

## **ITDEV-184: iPhone and iOS Mobile Application Development**

### Course Description:

Students will learn the basics of the iPhone SDK including user interface design, multi view applications, table views, navigation controllers, data persistence, drawing, taps and touches, using libraries and localization. Students will develop several basic iPhone applications that provide the foundations of developing more advanced applications. Students will learn Objective-C and Swift programming languages while creating applications for Mac OS interfaces. MATC strongly recommends that students complete ITDEV185 or have prior MAC OS experience before enrolling in this course.

Total Credits: 3.00

### Course Competencies

- 1. Describe the mobile device environment.**
- 2. Utilize databases in a mobile device environment.**
- 3. Implement data persistence using files on a mobile device.**
- 4. Utilize the Internet in a mobile device environment.**
- 5. Incorporate web services using a mobile device**
- 6. Develop applications that run on mobile devices.**