Course Title:  Introduction to iOS Application Development for Programmers

Course Description:
Learn the fundamentals of iPhone App development using Objective-C. Topics covered include iPhone SDK basics, Objective-C syntax, Xcode iPhone development environment, Interface Builder, Model-View-Controller design pattern, Interaction Controls and Autorotation.

Course Prerequisite(s):
Experience with an object-oriented programming language and interest in building iPhone Apps on a Mac.

Course Objectives:
Navigate iPhone SDK, Xcode, Interface Builder, and iPhone Simulator and demonstrate basics of Objective-C and the Model-View-Controller design pattern. Write simple interactive iPhone apps and run them in the iPhone simulator.

Required Materials:
Students are expected to bring their personal Mac computer for use in this class; only a limited number of Mac workstations are available.

Next Class Possibilities:
Advanced iOS Application Development for Programmers I

Lesson Plan – by week or session
Session 1:  Tools and Overview and MVC and Xcode and Hello World
Session 2:  Objective C
Session 3:  MVC communication
Session 4:  View: UI controls and autorotation
Session 5:  Controller: Multiview swap and storyboards
Session 6:  Data Persistence and Property lists