Course Title: iOS App Development 2 – Basics

Course Description:
Learn fundamentals of iOS development in Swift including Xcode, interface builder, UIView, UIViewController and MVC design pattern

Course Prerequisite(s):
This course assumes knowledge of programming fundamentals in Swift including variables, data types, functions, classes, control flow and closures. iOS App Development 1 - Programming with Swift is a good course to take if you need to familiarize yourself with these concepts.

Course Objectives:
Learn to write simple iOS apps using UIView, UIKit controls, UIViewController, alerts and user defaults.

Required Materials:
Students are expected to bring their personal Mac computer for use in this class.

Textbook(s):
No textbook. During class links will be provided to resources on Apple’s iOS Developer Center.

Next Class Possibilities: iOS App Development 3 - Intermediate

Lesson Plan – by week or session
Session 1: Tools, app components, UIView
Session 2: UIControl
Session 3: MVC and auto layout
Session 4: UIViewController and NSUserDefaults
Session 5: UIAlertController and app life cycle