

## Collin College - Continuing Education COURSE SYLLABUS

### COURSE INFORMATION

**Course Number:** MAPP 6550

**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

**Suggested 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 Resources:** No textbook. During class links will be provided to resources on Apple's iOS Developer Center.

**Student Learning Outcomes:** Learn to write simple iOS apps using UIView, UIKit controls, UIViewController, alerts and user defaults.

**Certification Notes:**

**Next course recommendation:**

**Refund Policy:** Please refer to [www.collin.edu/ce/inforegistrar.html](http://www.collin.edu/ce/inforegistrar.html) for our refund policy. No refunds after the start time of the first class.

**Americans with Disabilities Act:** Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity. It is the student's responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.

**Course Sessions:** Listed are guidelines to indicate all topics that will be covered during your course. Do not plan your personal calendar based on these sessions. Your instructor will give you a calendar for your class that will indicate specific topics, assignments, and days.

**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

**Method of Evaluation:** Unless otherwise stated, course completion is evaluated on the basis of attendance. Students must be in attendance 90% of each course in a certificate series for successful completion and to earn a certificate as specified.