COLLIN COLLEGE

COURSE SYLLABUS

Course Information

Course Number: ITSE 2310

Course Title: iOS Application Programming

Course Description: Course explores developing applications for iOS devices. Will include Objective-C programming, use of the iOS SDK environment, and current programming issues in the iOS environment. Additionally, course will also use Swift programming language.

Course Credit Hours: 3
Lecture Hours: 2
Lab Hours: 2

Prerequisite / Concurrent Enrollment: ITSE 1371 or consent of Instructor

Student Learning Outcomes:

- **State-mandated Outcomes:** Upon successful completion of this course, students will:
  1. Implement the procedures to become a registered Apple iOS developer. (SCANS: C18)
  2. Design interfaces for iOS applications. (SCANS: F6, C13, C18-C19)
  3. Produce concept documentation. (SCANS: F1, F6, C18-C19)
  4. Create iOS in native SDK. (SCANS: F6, F8, F11, C11, C14, C18-C19)
  5. Execute deployment procedures for various iOS devices. (SCANS: C11)
- **Additional Collin Outcomes:**
  1. Identify current issues in iOS Development. (Scans: F1, F2, F4, F11, C11, C12, C13, C14, C19)
  2. Describe development cycle and approval process for iOS applications. (Scans: F1, F2, F4, F11, C11, C12, C13, C14, C19)
  3. Evaluate iOS applications from the iTunes App Store by applying stated criteria. (Scans: F1, F2, F4, F11, C11, C12, C13, C14, C19)

Secretary's Commission on the Acquisition of Necessary Skills (SCANS) - SCANS skills are a group of foundational skills and workplace competencies that the Secretary's Commission on the Acquisition of Necessary Skills established as vitally important for workplace success in the 21st century. In Collin's workforce programs, the SCANS skills are developed and reinforced throughout the curriculum to provide students with an opportunity to hone these skills/competencies in the context of their education. Over the course of an entire degree program, the successful student is expected to demonstrate all of the SCANS skills and competencies as part of their education. The SCANS Foundation Skills and Workplace Competencies are described at:
http://www.collin.edu/academics/programs/Workforce_SCANS_Skills_Syllabi_Code_Key.pdf

Withdrawal Policy: See the current *Collin Registration Guide* for last day to withdraw.

Collin College Academic Policies: See the current *Collin Student Handbook.*

Americans with Disabilities Act Statement: 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 educational 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.