CSCI 39597- Mobile Development for iOS

Fall 2025

Course Description

Introduction to iOS programming using Swift. Developing applications for iOS devices using the UIKit framework and Xcode. 3 hours, 3 credits. *Prereqs: CSCI 33500 with a grade of C or better.*

Section	Lecture Hours	Location
CMP 39597-02	Mo & Wed 7pm-8:15pm	Zoom

Instructor	Email	Office	Office Hours
Emira Shano	emira.shano@lehman.cuny.edu	N/A	By appointment

Course Objectives:

By the end of the course, students should be able to:

- Demonstrate familiarity with Apple's proprietary IDE, Xcode
- Write and understand object-oriented code in Swift
- Understand MVC app architecture
- Perform network requests accessing remote data via an API of the student's choice

Grading Policy:

Your grades will be computed based on the following rubric:

- Quizzes: 20%
- Midterm: 25%
- Term Project: 55%

Two to three quizzes will be given in the first half of the semester to demonstrate proficiency in the Swift programming language. The midterm will take the form of a small mini project to demonstrate proficiency in developing a small simple mobile application. The term project will be a bigger assessment assessing your understanding of all topics learned throughout the semester. **Late and/or email submissions are NOT accepted.**

Materials and Resources:

The textbook for the course will be posted on Brightspace.

Technology

- Access to a Mac computer running macOS Sonoma 14.5 or later
    - If you don't have access to a machine running macOS, you may be able to participate in the class by using a cloud based service like MacInCloud
- The latest version of Xcode (version 16 or later), an IDE developed by Apple
- An Apple ID, you can sign up here

Expectations

Students are expected to learn the materials covered in class and assigned readings. The textbook works through 4 projects which explore various aspects of mobile programming for iOS. While there are not many HW assignments, students are expected to work through the textbook developing the apps outlined therein. This will serve as the foundation you need to then work on your own term project.

Honor Code

Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures.

Communication

I will be communicating with you on a regular basis through Brightspace announcements. You are required to make sure that the email address on Brightspace is your current Lehman email address and you must check it on a regular basis. **There will be no acceptable excuse for missing an announcement.** Please only use the email address that is on this syllabus to contact me.

Accommodating Disabilities:

In compliance with the American Disability Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act of 1973, Hunter College is committed to ensuring educational parity and accommodations for all students with documented disabilities and/or medical conditions. It is recommended that all students with documented disabilities (Emotional, Medical, Physical, and/or Learning) consult the Office of AccessABILITY, located in Room E1214B, to secure necessary academic accommodations. For further information and assistance, please call: (212) 772- 4857 or (212) 650-3230." Note: this syllabus is a guide for the course and is subject to change with advance notice. In the event of a change, an announcement will be made on Blackboard