

Expand your iOS App Development programming skills and create a basic Weather App using live data from the internet.

LCW0004 iOS Mobile App Development

Expand your iOS App Development programming skills with Swift specialization. Apply your new expertise to authentic app development projects. Covers Xcode basics, Core iOS and Cocoa Touch frameworks, simple user interface creation, MVC architecture, and much more. Focuses on using Apple's components to access GPS and maps. By the end of this course, you will be able to create a basic Weather App using live data from the internet. After successfully completing this course, students earn Harper College's CE iOS Mobile App Development digital badge.

Prerequisites: basic programming skills and comfortable working on a Macintosh computer.

Topics covered:

- App 1 – basic user interaction, learn how to:
 - Display objects on the screen
 - Interact and control user interaction
 - Become familiar with the UI Elements ios/android has to offer
 - Write code for on screen objects
 - Xcode/Android Studio

- App 2 – Menu (Tableview), learn how to:
 - Display list of objects to the screen in a list format
 - Work with Tableviews, Tableview cells
 - Identify a navigation controller
 - Tab View Controller
 - Pass Data Between Views
 - Model View Controller or OOP

- App 3 – Weather Data via Api, learn how to:
 - Get user location
 - Parse JSON
 - Request to external api's
 - Understand User input

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