Learn to develop mobile applications for today’s most popular mobile device platform. Become familiar with the tools used to develop and build an iPhone application. This 68-hour program provides in-depth study of the design, development and publication of object-oriented applications for the iPhone and iPad touch platforms using the Apple SDK. Explore Objective-C and multiple SDK frameworks to build iPhone and iPad touch applications under the Macintosh Operating System. Familiarity working with a Mac and Mac Operating System (OS X) required.

Career Notes:
The emergence of mobile technology has changed the way we communicate, conduct business and access innovative content through mobile devices. Mobile application development has become one of the fastest growing career categories amongst all major industries which bring excellent opportunities to software developers and creative individuals who have a passion for logic. Companies are aggressively seeking out mobile application developers who can extend business services and branding to the mobile audience.

Prerequisites:
- Working knowledge of a Mac and Mac Operating System
- Programming and Web Development Experience
- Knowledge of HTML and Object-Oriented Programming

Requirements:
- LCW8300 iPhone Application Development
- LCW8301 iPhone Application Development Advanced

Course Descriptions:

LCW8300 iPhone Application Development (40 Hours)
Learn to develop mobile applications for today’s most popular platform. Become familiar with the tools used to develop and build an iPhone application. This course provides in-depth study of the design, development and publication of object-oriented applications for the iPhone and iPad touch platforms using the Apple SDK. Explore Objective-C and multiple SDK frameworks to build iPhone and iPad touch applications under the Macintosh Operating System. Familiarity working with a Mac and Mac Operating System (OS X) recommended. Recommended Preparation: LCT0290, LCT0193. Programming and web development experience required. Knowledge of HTML and Object-Oriented Programming beneficial.

LCW8301 iPhone Application Development Advanced (28 Hours)
Demonstrate expertise when designing iOS applications. This course provides continued study of the design, development and publication of object-oriented applications for the iPhone and iPad touch platforms using the Apple SDK. Learn how to describe good design principles for using and creating application preferences, modify and store data from applications, optimize interface elements such as frames, formulate methods of retrieving and displaying rich media information, database HTML integration and Java Hooks. Recommended Preparation: LCW8300. Knowledge of HTML and Object-Oriented Programming.