

Syllabus

CSIS – 2640 Mobile iOS Application Development

Course Description

Students will learn the skills to design, code, and publish applications for mobile devices running Apple's iOS operating system. Current devices include the iPhone and iPad. Topics include Apple's IDE and iOS simulator, the Objective C programming language, memory management, wireless communication, and the iTunes market. It is recommended students complete CSIS 1410 or equivalent prior to taking this course.

Learning Outcomes

Salt Lake Community College is committed to fostering and assessing the following student learning outcomes in its programs and courses.

1. Install and configure IOS IDE for App development.
2. Learn how IOS activities live and die and how to create a seamless user experience by implementing lifecycle callback methods.
3. Learn how to build a user interface for your app that is flexible enough to present multiple UI components on large screens and a more constrained set of UI components on smaller screens—essential for building a single APK for both phones and tablets.
4. Learn how to save data on the device, whether it's temporary files, downloaded app assets, user media, structured data, or something else.

Prerequisite(s)

RECOMMENDED COURSE(S)

- CSIS1410

COMPUTER SKILL(S)

- Good Keyboarding skills are essential.
- Basic Computer Skills.
 - Navigate basic operating system settings.
 - Navigate various application software.
 - Install and manage software.
 - Manage files and folders.
 - Basic Internet & Email skills.
- Navigate Canvas LMSLinks to an external site. software.

Evaluation / Grading

Grading Scale	A 94% - 100%	A- 90% - 93%
B+ 87% - 89%	B 84% - 86%	B- 80% - 83%
C+ 77% - 79%	C 74% - 76%	C- 70% - 73%
D+ 67% - 69%	D 64% - 66%	D- 60% - 63%
E 59% and below		

Attendance	10%
Assignments	40%
Mid-Term Exam	25%
Final Exam	25%
TOTAL	100%

ASSIGNMENTS

Several assignments will be given throughout the semester. Most homework will consist of doing laboratory and programming assignments.

- Assignments will be submitted to the class's Canvas web site by creating a screen.recording of their code and execution of the assigned program.
- 20% will be deducted for ALL late assignments.
- Assignments CANNOT be resubmitted after they are graded.

EXAMS

A **Mid-Term** and **Final** Exams will be given. Together they are worth half of a students grade for this class.