Description:
This course explores the development of production software. Topics covered include: requirements, development methodologies, source management tools, build tools, configuration of software for multiple target deployment platforms. Implementation will be in the Objective-C programming language, with additional use of makefiles, and scripting languages.

Organization:
This course will consist of lecture, quizzes, and a programming project run by the class over the course of the semester. There will be a mid-term exam and a final exam.

Course Objectives:
Successful students will be able to:
- manage a software project that targets multiple platforms
- determine and document system requirements
- use a source code management tool to track changes to the configuration and content of developed source code
- develop and implement testing plans for a software project.
- document a software project
- deploy a client-server system of software.

Grading:
40% Quizzes, Mid-term and Final Exam
50% Term Project
10% Class participation

Disability Services:
If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Dean of Students Office at 2001 C. B. Hedgcock Building (227-1700). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and University guidelines.