

# CIS 321 iPhone Programming: Swift

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## **CIS 321 IPHONE PROGRAMMING: SWIFT**

Introduction to programming the iPhone or iPad. Introduction to programming concepts, variables, assignments, selection, repetition, functions, object-oriented classes with their outlets and actions, Swift syntax, CocoaTouch environment, XCode IDE and the iPhone SDK to write original GUI programs for the iPhone, iPod Touch or iPad. *Grade Option (Letter Grade or Pass/No Pass). Degree Credit.*

**Units:** 3

**Hours/semester:** 48-54 Lecture; 96-108 Homework

**Recommended:** CIS 118, and CIS 250 or CIS 284, or previous experience in object-oriented programming.

**Transfer Credit:** CSU, UC

