CS193P: Preliminary Syllabus

This is the general layout of the course. Any changes to the lectures or assignments will be announced as early as possible in lecture and will also be posted on the web site.

Week 1: 1/5 & 1/7
1/5:   Intro to Mac OS X and Cocoa Touch, Objective-C and Tools
1/7:   Using Objective-C, Foundation objects
Assignment: Hello Stanford and Command Line Tool I (due 1/13)

Week 2: 1/12 & 1/14
1/12:   Custom classes, Memory Management, ObjC Properties
1/14:   MVC, Interface Builder, Controls & target-action
Assignment: Command Line Tool II and HelloPoly I (due 1/20)

Week 3: 1/19 & 1/21
1/19:   Views, Animation, Open GL
1/21:   View Controllers
Assignment: HelloPoly II (due 1/27)

Week 4: 1/26 & 1/28
1/26:   Navigation Controllers, Tab Bar Controllers, Searching
1/28:   TableViews
Assignment: Flickr 1 (due 2/3)

Week 5: 2/2 & 2/4
2/2:   Dealing with Data: User Defaults, SQLite, Web Services
2/4:   Threading, Notifications, KVC
Assignment: Flickr 2 (due 2/10), Final project proposals

Week 6: 2/9 & 2/11
2/9:   Text, Responders, Modal Views
2/11:   Address Book
Assignment: Flickr 3 (due 2/17)

Week 7: 2/16 & 2/18
2/16:   WebViews, MapKit
2/18:   Multitouch, Gestures
Assignment: Flickr 4 (due 2/24)

Week 8: 2/23 & 2/25
2/23:   Device APIs: Location, Accelerometer, Compass, Battery Life
2/25:   Audio playback, Video playback, Image/Video Picker, iPod Media Access
Assignment: Final project (due 3/17)

Week 9: 3/2 & 3/4
3/2:   Bonjour, streams, networking, GameKit
3/9:   Unit testing, Objective-C fun, localization
Assignment: Final project (due 3/17)

Week 10: 3/9 & 3/11
3/9:   TBD
3/11:   TBD
Assignment: Final project (due 3/17)