Mobile Application Development

CIS 380 –Summer 2015

Contact Information

- Instructor: Dr. Jonathan Engelsma (Jonathan.Engelsma@gvsu.edu)
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- My Personal Web site: http://themobilemontage.com (mobile tech, tutorials, etc.)
- Twitter: http://twitter.com/batwingd (mostly mobile tech related)

Course Description and Objectives

Fundamental concepts and technologies underlying mobile application development. All aspects of developing and deploying conventional mobile applications are covered, including mobile user interfaces, location-based services, integration with social media and other cloud-based services. Also covered will be effective use of mobile analytics and privacy concerns.

Lab

- Lecture: A-1-101 Mackinac Hall

Textbooks

Recommended[1]:
- iOS 8 Programming Fundamentals with Swift: Swift, Xcode, and Cocoa Basics. Neuburg.
- Programming iOS 8: Dive Deep into Views, View Controllers, and Frameworks. Neuburg.

Grading

- 5% Class Participation/Discussion
- 40% Labs / Homework.
- 30% Mobile Application Project
- 25% Midterm Exam

Grading Scale

Grades Scored Between	Grade

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[1] Both of the titles selected for this course are available online for free via the GVSU Library. See http://youtu.be/dmx0fEwxCjc for details.

93% and 100%	A
90% and less than 93%	A-
87% and less than 90%	B+
83% and less than 87%	B
80% and less than 83%	B-
77% and less than 80%	C+
73% and less than 77%	C
70% and less than 73%	C-
67% and less than 70%	D+
60% and less than 67%	D
0% and less than 60%	F

Course Policies

- Lecture attendance is mandatory.
- Academic Honesty: You are expected to read, understand, and follow the department's Academic Honesty Policy which can be found at http://www.cis.gvsu.edu/Academics/Honesty
- Lab exercises are due at the beginning of class on the due date.
- Points will be deducted for late lab assignments.
- Lab solutions will not be accepted if submitted more than 24 hours after the due date.

Lab/Project Assignments

In order to learn the concepts taught in this course, it is important that the student get hands-on experience. Thus, the lab assignments and final "hackathon" project are a significant part of this course. Do not get behind on the lab assignments, as it will be difficult to catch up!

Support

If there is any student in this class who has special needs because of a learning, physical or other disability, please contact me and Disability Support Services (DSS) at 616.331.2490. Furthermore, if you have a disability and think you will need assistance evacuating this classroom and/or building in an emergency situation, please make me aware so I can develop a plan to assist you.