INSTRUCTOR  Melissa Green  greenm at smccd.edu  http://accounts.smccd.edu/greenm
Office: 17-148  650-574-6374  Virtual (online) office hours: MTWTh 6:30-8:30 PM
WebAccess: http://smccd.mrooms.net

COURSE  CIS 137 OL  CRN 95231  4 Units  August 18 – December 15, 2016

Optional ON-CAMPUS MEETING Thursday, August 18  5:00-7:00 PM in 19-124 (computer lab)
Midterm Exam: due Thursday, October 20  online
Final Exam: due Thursday, December 15  online
Exams are mandatory and can be made up ONLY in the case of a verifiable emergency.

TEXTBOOKS
iOS Programming 5th edition by Christian Keur & Aaron Hillegass  Big Nerd Ranch
ISBN 978-0134390734

COURSE DESCRIPTION
Introduction to the architecture, API and techniques used to create robust, high-performance apps for
iOS mobile devices (iPhone, iPad and wearable) with the Swift programming language. An overview of
the most common tools and techniques for designing and creating iOS mobile apps. Other topics include
object-oriented programming, user interface design, Storyboards, MVC design pattern, UIKit,
multimedia, debugging, sensors, and user events. Storage strategies for persistent information are
introduced, including files and the Core Data framework.
Intended for students with previous programming experience.

Recommended Preparation:  Eligibility for ENGL 838/848 and completion of CIS 254

GRADING
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<th>Assignment</th>
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<td>Assignments</td>
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<td>Midterm Exam</td>
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<td>Final Exam</td>
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This course allows “pass/no pass” grading. You must maintain a “C” average to receive credit for this
course.

IMPORTANT DATES
Thursday, August 18, 2016       Class begins
Tuesday, August 30, 2016        Last day to add or drop with eligibility for fee credit or partial refund
Monday, September 5, 2016       Last day to drop classes with no notation on student record
Monday, September 5, 2016       Last day to declare pass/no pass option
Wed., November 16, 2016         Last day to withdraw with a “W” on student record
November 24-27, 2016            Thanksgiving Recess – NO CLASS

FINAL EXAM SCHEDULE
The final exam covers all material for the semester.
CIS 137 OL  due Thursday, December 15, 2016  Online
COMPLETING ASSIGNMENTS
This course will require at least twelve hours of computer work each week in addition to preparation time. Note: you will need a Mac computer. There will be 8 programming assignments that will be graded on style and correctness, as well as other assignments. All assignments must be submitted by upload to WebAccess. Students are expected to do their own work. Any case of duplicate assignments (unless it is a team project) will result in a grade of zero for all people involved and will be reported. All assignments are due before 11:45 PM on the due date. Late assignments will have a 50% penalty and are accepted only up to 48 hours after the due date. NOTE: ALL questions asked about an assignment on the due date will be answered the following day.

PARTICIPATION
Under normal circumstances I do NOT drop students from the class rolls. It is the student’s responsibility to file the paperwork needed to drop or withdraw from this class. If you stop participating in the class you will probably receive an “F”.

STUDENT LEARNING OUTCOMES
Upon completion of this course, students should be able to
1. Explain the iOS mobile operating system architecture.
2. Install and use appropriate tools for iOS development, including IDE, frameworks, and device simulator.
3. Build user interfaces with Storyboard and UI components.
4. Employ the UIKit framework to create custom view controllers.
5. Store application data on the mobile device, in internal or external storage locations.
6. Create an advanced mobile app employing sensors, gestures, camera, GPS, maps, geolocation, and other features.

Disability Accommodation:
Whatever action is required from moving desks to changing classrooms. New students entering college who need assistance should contact the Disability Resource Center for a pre-enrollment interview to determine support services needed. The DSPS Program provides support services and accommodations to students with verified physical, psychological and specific learning disabilities. New students entering college should contact the Disability Resource Center.

Drop by or call the Disability Resource Center.
Location: College Center Building 10, Room 120
Telephone: Laura Skaff: (650) 574-6438
Email: skaffl@smccd.edu
Fax: (650) 574-6434
http://collegeofsanmateo.edu/dspso/
Student Conduct
Students enrolled in the Colleges of the District are expected to conduct themselves as responsible citizens, and in a manner compatible with the District and College function as an educational institution. Students are also subject to civil authority and to the specific regulations established by each College in the District. Violators shall be subject to disciplinary action, including possible cancellation of registration, and may be denied future admission to the Colleges of the San Mateo County Community College District.

Disrespectful, disruptive and/or dishonest behavior will not be tolerated, will result in removal from one or more class sessions and may result in disciplinary action. For more information on prohibited actions, please refer to the Student Conduct section in College of San Mateo’s Academic Catalog.

Immediate Disciplinary Actions:
1. Warning – A faculty or staff member may give notice to a student that continuation or repetition of specified conduct may be cause for further disciplinary action.

2. Temporary Exclusion – a faculty or staff member may remove a student who is in violation of the guidelines for student conduct for the duration of the class period or activity during which the violation took place and, if necessary, for the next class session.

If you are removed from a class session, it will count as an absence for that class session.

Plagiarism
Plagiarism occurs when a student misrepresents the work of another as his or her own. Plagiarism may consist of using the ideas, sentences, paragraphs, or the whole text of another without appropriate acknowledgement, but it also includes employing or allowing another person to write or substantially alter work that a student then submits as his or her own.

Any assignment found to be plagiarized will be given an “F” grade. There is Zero Tolerance for plagiarism and cheating. All instances of plagiarism will be reported for possible further discipline.

Smoking Policy
It is the policy of San Mateo County Community College District to provide a safe learning and working environment for both students and employees. It is recognized that smoke from cigarettes, pipes and/or cigars is hazardous to health; therefore, it is the intent of the District to provide a smoke-free environment to the greatest extent possible. To achieve this goal, smoking will be limited to parking lots only. There is no smoking on the campus itself.

Title IX
The San Mateo County Community College District is committed to maintaining safe and caring college environments at Cañada College, College of San Mateo and Skyline College. The District has established policies and procedures regarding Sexual Misconduct, Harassment, and Assault. A District website has also been developed which provides you with important information about sexual misconduct and sexual assault.

http://smccd.edu/titleix/