Carleton University
School of Computer Science
COMP 1601 Introduction to Mobile Application Development
Winter 2016

Lectures:
Herzberg Building 4125
Monday, Wednesday 14:30 - 16:30

Instructor:
Dwight Deugo
deugo@scs.carleton.ca
HP 3230E, x2264

Course Description:
Introduction to developing mobile applications using the Mac OS X platform. Topics include: Swift and the Objective-C programming languages; development tools; framework API's. Extensive practical experience with development for Android and iOS mobile devices.

Prerequisites:
- Students are required to have their own laptop with the MAC O/S installed on it, and must bring it to class
- COMP 1405 or equivalent

Textbooks:
- Apple Inc, The Swift Programming Language

Laboratory:
Students must use their own machines with the Mac OSX

Software:
Students will need the latest, freely available versions of Java, Android Studio, and Xcode.

Assignments:
You should take the time to ensure that assignments are neat, legible and easy to understand. Any instructions required by the teaching assistants (for example any assumptions you made about the assignments) should be clearly indicated on a separate sheet of paper, included at the front of the assignment. Remember, it is YOUR responsibility to demonstrate that you have understood and completed the assignment. A significant portion of your grade for assignments will be given for the readability of them and for your demonstration that you have completed the assigned tasks.

All assignments are counted towards the final grade.

Assignments must be handed in before or on the due date and time. NO LATE ASSIGNMENTS WILL BE ACCEPTED. Instructions on where to submit assignments are provided in class.

Students must retain all assignment results in case of questions regarding correctness of recorded marks. The marks will be posted on-line. The students should ensure that the posted marks are correct. Any complaints regarding assignment marks should be brought to the attention of the TA who marked it (only if the TA does not address the problem to your satisfaction should you bring the matter to the instructor). This should be done no later than two weeks after the assignment has been handed back in class. After this time, no remarking will be done.

Copying of assignments is strictly disallowed. On the first occasion, all students involved will be given a mark of 0. On subsequent occasions, students will be asked to withdraw from the course.

Office Hours:

A schedule for office hours will be posted on the network the second week of classes.

Marking Scheme:

Assignments 26%
In-Class Work 24%
Mid-Term Exam 20%
Final Exam 30%

Passing grades on the term mark (assignments, in-class work, mid-term exam) and the final exam are required to receive a passing grade for the course. In addition, you must complete at least 80% of the in-class work. Each class task will be eligible for marking before the end of the following class it was assigned.

Course Web Page:

As well as being announced in class, all important information, such as course news, assignments and office hours, will be available on the course web page at http://www.scs.carleton.ca/~deugo/comp1601. It is the student's responsibility to check this web page for new information.
Academic Accommodation

You may need special arrangements to meet your academic obligations during the term. For an accommodation request the processes are as follows:

**Pregnancy obligation:** write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the [Student Guide](#).

**Religious obligation:** write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the [Student Guide](#).

**Academic Accommodations for Students with Disabilities:** The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or [pmc@carleton.ca](mailto:pmc@carleton.ca) for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your Letter of Accommodation at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the [PMC website](#) for the deadline to request accommodations for the formally-scheduled exam (if applicable).

**Undergraduate Academic Advisor**

The undergraduate advisor for the School of Computer Science is available in Room 5302C HP, by telephone at 520-2600, ext. 4364 or by email at undergraduate_advisor@scs.carleton.ca. The advisor can assist with information about prerequisites and preclusions, course substitutions/equivalencies, understanding your academic audit and the remaining requirements for graduation. The undergraduate advisor will also refer students to appropriate resources such as the Science Student Success Centre, Learning Support Services and the Writing Tutorial Services.

**University Policies**

**Student Academic Integrity Policy**

Every student should be familiar with the Carleton University student academic integrity policy. A student found in violation of academic integrity standards may be awarded penalties which range from a reprimand to receiving a grade of F in the course or even being expelled from the program or University. Some examples of offences are: plagiarism and unauthorized co-operation or collaboration. Information on this policy may be found in the Undergraduate Calendar.

**Plagiarism**

As defined by Senate, "plagiarism is presenting, whether intentional or not, the ideas,
expression of ideas or work of others as one's own". Such reported offences will be reviewed by the office of the Dean.

**Unauthorized Co-operation or Collaboration**

Copying of assignments is strictly disallowed. On the first occasion, all students involved will be given a mark of 0. On subsequent occasions, students will be asked to withdraw from the course. *Senate policy states that "to ensure fairness and equity in assessment of term work, students shall not co-operate or collaborate in the completion of an academic assignment, in whole or in part, when the instructor has indicated that the assignment is to be completed on an individual basis".*

**Medical Certificate** The following is a link to the official medical certificate accepted by Carleton University for the deferral of final examinations or assignments in undergraduate courses. To access the form, please go to [http://www1.carleton.ca/registrar/forms/](http://www1.carleton.ca/registrar/forms/)

**Intellectual Property**

Student or professor materials created for this course (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the author(s). They are intended for personal use and may not be reproduced or redistributed without prior written consent of the author(s).

This page was last updated on 01/05/2016 11:18:10 GMT

*Copyright © 2015, 2016 School of Computer Science*