

# **CIS\*4500 – Swift Programming**

School of Computer Science, CEPS, University of Guelph  
Course Outline – Winter 2018

**Instructor:** David Calvert

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## **Timetable**

Lecture: Tuesday, Thursday, 11:30-12:50, Animal Science and Nutrition 204

Lab: Thursday, 4:30-5:20, Thornbrough 2420

**Course Web Page:** All course material will be posted to Courselink.

<https://courselink.uoguelph.ca>

## **Marking Scheme**

Programming

- Assignments: 50%
- Project: 50%

## **Notes:**

- Assignments will primarily involve programming using Swift and the XCode development environment.
- There is no group work in on the assignments. Any work on the assignments which is the product of more than one person's efforts is grounds for academic misconduct. All submitted code will be checked for copying. All parties involved will be reported to the Director of SOCS as participants in academic misconduct. See Academic Misconduct in Section VIII of the Undergraduate Calendar. The penalties for academic misconduct are described in the University of Guelph Undergraduate Calendar.
- The project may involve group work. If you are in a group for the project then you are expected to contribute equally with all members of the group towards the completion of the work.
- The term project will involve developing a large applications. This may require the development of software for a client.
- Code which is submitted and does not compile or execute will be given a mark of zero.
- Failure to submit assignments correctly will result in a substantial loss of marks.
- Remarking of assignments will occur in the week after the assignments have been graded.

## Lecture Topics

1. XCode development on IOS.
2. Swift programming.
3. An introduction to Objective C.

## Semester Schedule

- Assignment 1 due Friday, Jan. 26
- Assignment 2 due Friday, Feb. 9
- Assignment 3 due Friday, Feb. 23
- Project Demos will take place every week in March
- Project final due Friday, March 30

## Calendar Description

CIS\*4500 Special Topics in Computing Science U (3-1) [0.50]

A variety of advanced topics within Computing Science. Subject areas discussed in any particular semester will depend upon the interests of both the students and the instructor. Students should check with the School of Computer Science to determine what topic will be offered during specific semesters and which prerequisites, if any, are appropriate.

Restriction(s): Instructor consent required.

## Standard Statements:

- As per university regulations, all students are required to check their [jmail.uoguelph.ca](mailto:jmail.uoguelph.ca) e-mail account regularly: e-mail is the official route of communication between the University and its students.
- When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons, please advise the course instructor (or designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact.
- Courses that are one semester long must be dropped by the end of the fortieth class day; two-semester courses must be dropped by the last day of the add period in the second semester. The regulations and procedures for Dropping Courses are available in the Undergraduate Calendar.
- Keep paper and/or other reliable back-up copies of all out-of-class assignments: you may be asked to resubmit work at any time.

- The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student. When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required, however, interim accommodations may be possible while that process is underway. Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability. Use of the SAS Exam Centre requires students to book their exams at least 7 days in advance, and not later than the 40th Class Day.
- The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community faculty, staff, and students to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection. Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor.
- Presentations which are made in relation to course work including lectures cannot be recorded or copied without the permission of the presenter, whether the instructor, a classmate or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.
- The Academic Calendars are the source of information about the University of Guelph's procedures, policies and regulations which apply to undergraduate, graduate and diploma programs.