SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

Human Computer Interaction - Course Outline
SWEN 422: 2016 Trimester 2

[*IMPORTANT: Still to be approved by the course auditor, and subject to change.*]

This document sets out the workload and assessment requirements for SWEN 422. It also provides contact information for staff involved in the course. If the contents of this document are altered during the course, you will be advised of the change by an announcement in lectures and/or on the course web site. A printed copy of this document is held in the School Office.

Objectives

By the end of the course, students should be able to:

1. *demonstrate knowledge of key historical advancements and key people in the field of HCI.* 3(d)
2. *utilise user-testing techniques to evaluate a software system's user interface.* 2(b), 3(b)
3. *demonstrate knowledge of key HCI challenges in the use of touch screens, gestures and VR/AR systems.* 3(d)
4. *develop a software system that takes natural user interaction input* 3(a), 3(f)

Textbook

A schedule of lecture topics, readings, and assignment due dates is available online

Lectures, Tutorials, Laboratories, and Practical work

Lectures for SWEN 422 are: *Monday and Thursday at 1:10pm - 2:00pm.*

Please note that Monday's lecture is in MYLT102, while Thursday's lecture is in MYLT220.

There are no assigned lab times for SWEN 422.

Assignments and Projects

SWEN 422 is an internally assessed course. As such, the final report and presentation will be scheduled in the exam period, in lieu of an actual course examination.

Both assignments one and two will contain elements of group work. The majority of work will be assessed individually, although there will be group marks awarded as well. Assuming a student contributes towards the development of the team's assets, they will receive the group mark. If a student does not contribute to a team's assets, the course coordinator reserves the right to lower the group mark for that specific student.

The group mark component with be 7.5% for assignment 1, and 15% for assignment 2.

All software assets and documents for the deliverables must be submitted via the School's online submission system.

The oral presentation help satisfy BE graduate attribute 2(b). The final report helps satisfy BE graduate attribute 3(a), 3(b), 3(d), and 3(f)

Bachelor of Engineering students should be aware that copies of their assessed work may be retained for inspection by the accreditation panel.

Workload

In order to maintain satisfactory progress in SWEN 422, you should plan to spend an average of at least 10 hours per week on this paper. A plausible and approximate breakdown for these hours would be:

- Lectures: 2
- Readings: 2
- Assignments: 6

School of Engineering and Computer Science

The School office is located on level three of the Cotton Building (Cotton 358).

There is no physical notice board for SWEN 422.

It is expected students regularly check the course home page and the forum.

Staff

The course organiser and lecturer for SWEN 422 is Stuart Marshall.

Contact details are:
- *Dr Stuart Marshall*
- Cotton 341
- +64 4 463 6730
- Stuart.Marshall@ecs.vuw.ac.nz

Announcements and Communication

The main means of communication outside of lectures will be the SWEN 422 web area at
http://ecs.victoria.ac.nz/Courses/SWEN422_2016T2/. There you will find, among other things, this document, the lecture schedule and assignment handouts, and the SWEN 422 Forum. The forum is a web-based bulletin board system. Questions and comments can be posted to the forum, and staff will read these posts and frequently respond to them.

Assessment

Your grade for SWEN 422will be determined based on the following assessment weightings:

Item	Weight
Assignment One: Small Group Project	25% (7.5% group, 17.5% individual)
Terms Test	25%
Assignment Two: Large Group Project	50% (15% group, 35% individual)

Tests and Exams

There is one terms test for SWEN422 in week 9 (Monday, in lecture) that will cover the readings from weeks 1 - 8 inclusive.

There is no external exam for SWEN 422, however there will be a presentation and report submission due during the exam period. This will be scheduled along with the other exams so as to avoid clashes, so the current date is to be determined.

The timetable for final examinations will be available from the University web site and will be posted on a notice board outside the faculty office. The examination period for trimester 2 is 21 October - 12 November.

Practical Work

The penalty for late work will be 20% per day after the due date.

Plagiarism

Working Together and Plagiarism

We encourage you to discuss the principles of the course and assignments with other students, to help and seek help with programming details, problems involving the lab machines. However, any work you hand in must be your own work.

The School policy on Plagiarism (claiming other people's work as your own) is available from the course home page. Please read it. We will penalise anyone we find plagiarising, whether from students currently doing the course, or from other sources. Students who knowingly allow other students to copy their work may also be penalised. If you have had help from someone else (other than a tutor), it is always safe to state the help that you got. For example, if you had help from someone else in writing a component of your code, it is not plagiarism as long as you state (eg, as a comment in the code) who helped you in writing the method.

Mandatory Course Requirements

There are no mandatory course requirements for SWEN 422.

Passing SWEN 422

To pass SWEN 422, a student must gain at least a **C-** grade overall.

Withdrawal

The last date for withdrawal from SWEN 422 with entitlement to a refund of tuition fees is Friday 22 July 2016. The last

The last date for withdrawal from SWEN 422 with entitlement to a refund of tuition fees is Friday 22 July 2016. The last date for withdrawal without being regarded as having failed the course is Friday 23 September 2016 -- though later withdrawals may be approved by the Dean in special circumstances.

Rules & Policies

Find key dates, explanations of grades and other useful information at http://www.victoria.ac.nz/home/study.

Find out about academic progress and restricted enrolment at http://www.victoria.ac.nz/home/study/academic-progress.

The University's statutes and policies are available at http://www.victoria.ac.nz/home/about/policy, except qualification statutes, which are available via the Calendar webpage at http://www.victoria.ac.nz/home/study/calendar (See Section C).

Further information about the University's academic processes can be found on the website of the Assistant Vice-Chancellor (Academic) at http://www.victoria.ac.nz/home/about/avcacademic

All students are expected to be familiar with the following regulations and policies, which are available from the school web site:

Grievances
Student and Staff Conduct
Meeting the Needs of Students with Disabilities
Student Support
Academic Integrity and Plagiarism
Dates and Deadlines including Withdrawal dates
School Laboratory Hours and Rules
Printing Allocations
Expectations of Students in ECS courses

The School of Engineering and Computer Science strives to anticipate all problems associated with its courses, laboratories and equipment. We hope you will find that your courses meet your expectations of a quality learning experience.

If you think we have overlooked something or would like to make a suggestion feel free to talk to your course organiser or lecturer.

Course Outline as PDF