

SWEN433 (2017) - Web Information Systems Engineering

Prescription

This course gives a technology-centered introduction to web information systems and services. On successful completion of the course students are able to explain basic concepts used in building and managing web information systems. They know central technological standards underlying web information systems and web services, understand architectural principles, and are able to evaluate and critically discuss such systems.

Course learning objectives

Students who pass this course should be able to:

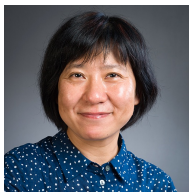
1. Explain basic concepts used in building and managing web information systems,
2. Understand architectural principles and technological standards underlying web information systems
3. Understand concepts, methods and technologies for managing distributed data in web information systems,
4. Evaluate and critically discuss web information systems, and elaborate on research challenges.

Withdrawal from Course

Withdrawal dates and process:

<https://www.victoria.ac.nz/students/study/course-additions-withdrawals>

Lecturers



Hui Ma (Coordinator)

hui.ma@vuw.ac.nz

04 4635657

259 Cotton, Kelburn

Teaching Format

During the trimester there will be two or lectures per week. Details can be found in the course schedule at https://ecs.victoria.ac.nz/Courses/SWEN433_2017T2/LectureSchedule

Dates (trimester, teaching & break dates)

- Teaching: 17 July 2017 - 20 October 2017
- Break: 28 August 2017 - 08 September 2017
- Study period: 24 October 2017 - 26 October 2017
- Exam period: 27 October 2017 - 18 November 2017

Class Times and Room Numbers

17 July 2017 - 27 August 2017

- **Monday** 11:00 - 11:50 – 102, Alan MacDiarmid Building, Kelburn
- **Wednesday** 11:00 - 11:50 – 102, Alan MacDiarmid Building, Kelburn
- **Friday** 11:00 - 11:50 – 102, Alan MacDiarmid Building, Kelburn

11 September 2017 - 22 October 2017

- **Monday** 11:00 - 11:50 – 102, Alan MacDiarmid Building, Kelburn
- **Wednesday** 11:00 - 11:50 – 102, Alan MacDiarmid Building, Kelburn
- **Friday** 11:00 - 11:50 – 102, Alan MacDiarmid Building, Kelburn

Set Texts and Recommended Readings

Required

There are no required texts for this offering.

Mandatory Course Requirements

In addition to achieving an overall pass mark of at least 50%, students must:

- You must hand in satisfactory paper summaries for at least 80% of the assigned readings, actively engage in the group discussions, prepare and perform your presentation in class, submit the essay, and sit the final exam.

If you believe that exceptional circumstances may prevent you from meeting the mandatory course requirements, contact the Course Coordinator for advice as soon as possible.

Assessment

This course will be internally and externally assessed through the following:

- Paper Reports
- Assignment 1
- Assignment 2 - Presentation
- Assignment 3 - Essay
- Final Examination

Reports	Week 2-12	CLO: 1,2,3,4	5%
Assignment 1	Week 7	CLO: 2,3	5%
Assignment 2 - Presentation	Week 8-11	CLO: 4	15%
Assignment 3 - Essay	Week 12	CLO: 1,2,3,4	25%
Final exam (2 hours)		CLO: 1,2,3,4	50%

Penalties

Late submissions will incur an automatic penalty of 10% of the final mark per day. Any request for an extension must be made to the lecturer in charge *prior* to the due date. Any extensions requested on the basis of medical grounds must be supported by a doctor's certificate.

Extensions

Any assignment submitted after the due date will be penalized at the rate of 10% per day (a weekend counts as one day). Approval to submit assignments late without penalty will only be granted in

exceptional circumstances and if the arrangement is made prior to the due date. Any medical excuse must be accompanied by a doctor's certificate. Assignments that are more than one week late will not be marked.

Presentations are scheduled to start from Week 8. If you miss your scheduled presentation time, you will lose the chance to receive marks for the presentation. Approval to reschedule the presentation without penalty will only be granted in exceptional circumstances and if the arrangement is made prior to the due date.

Submission & Return

Assignments and reports will be submitted via the electronic submission system that can be accessed via <https://apps.ecs.vuw.ac.nz/submit/SWEN433>. Marks and comments will be returned through the ECS marking system or via the course web pages.

Workload

In order to maintain satisfactory progress in SWEN 433, 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 hrs
- Readings: 4 hrs
- Assignments: 4 hrs

Teaching Plan

Communication of Additional Information

The main means of communication outside of lectures will be the SWEN 433 web area at http://ecs.victoria.ac.nz/Courses/SWEN433_2017T2/. There you will find, among other things, this document, the lecture schedule and assignment handouts, and the SWEN 433 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.

Links to General Course Information

- Academic Integrity and Plagiarism: <https://www.victoria.ac.nz/students/study/exams/integrity-plagiarism>
- Academic Progress: <https://www.victoria.ac.nz/students/study/progress/academic-progress> (including restrictions and non-engagement)
- Dates and deadlines: <https://www.victoria.ac.nz/students/study/dates>
- Grades: <https://www.victoria.ac.nz/students/study/progress/grades>
- Special passes: Refer to the Assessment Handbook, at <https://www.victoria.ac.nz/documents/policy/staff-policy/assessment-handbook.pdf>
- Statutes and policies, e.g. Student Conduct Statute: <https://www.victoria.ac.nz/about/governance/strategy>
- Student support: <https://www.victoria.ac.nz/students/support>
- Students with disabilities: https://www.victoria.ac.nz/st_services/disability/
- Student Charter: <https://www.victoria.ac.nz/learning-teaching/learning-partnerships/student-charter>
- Terms and Conditions: <https://www.victoria.ac.nz/study/apply-enrol/terms-conditions/student-contract>
- Turnitin: <http://www.cad.vuw.ac.nz/wiki/index.php/Turnitin>
- University structure: <https://www.victoria.ac.nz/about/governance/structure>
- VUWSA: <http://www.vuwsa.org.nz>

Offering CRN: [18671](#)

Points: 15

Prerequisites: SWEN 304, 15 further 300-level COMP, NWEN or SWEN pts;

Restrictions: COMP 443

Duration: 17 July 2017 - 19 November 2017

Starts: Trimester 2

Campus: Kelburn