

School of Engineering and Computer Science

Te Kura Mātai Pūkaha, Pūrorohiko



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 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.wgtn.ac.nz/students/study/course-additions-withdrawals>

Lecturers

Hui Ma (Coordinator)

hui.ma@vuw.ac.nz 04 4635657

259 Cotton, Kelburn

Teaching Format

This course will be offered in-person and online. For students in Wellington, there will be a combination of in-person components and web/internet based resources. It will also be possible to take the course entirely online for those who cannot attend on campus, with all the components that are provided in-person also made available online.

Details are:

During the first part of the trimester, there will be two in-person lectures per week. During the second part of the trimester, there will be three in-person presentation sessions per week.

Student feedback

Student feedback on University courses may be found at:
www.cad.vuw.ac.nz/feedback/feedback_display.php

Dates (trimester, teaching & break dates)

- Teaching: 13 July 2020 - 18 October 2020
- Break: 17 August 2020 - 30 August 2020
- Exam period: 19 October 2020 - 25 October 2020

Class Times and Room Numbers

13 July 2020 - 16 August 2020

- **Monday** 15:10 - 16:00 – 202, New Kirk, Kelburn
- **Tuesday** 15:10 - 16:00 – 202, New Kirk, Kelburn
- **Thursday** 15:10 - 16:00 – 202, New Kirk, Kelburn

31 August 2020 - 18 October 2020

- **Monday** 15:10 - 16:00 – 202, New Kirk, Kelburn
- **Tuesday** 15:10 - 16:00 – 202, New Kirk, Kelburn
- **Thursday** 15:10 - 16:00 – 202, New Kirk, 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:

- hand in satisfactory paper summaries for at least 80% of the assigned readings, and
- prepare and deliver your presentation to the class, to demonstrate achievement of all the CLOs of the course.

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 assessed through the following:

Assessment Item	Due Date or Test Date	CLO(s)	Percentage
Assignment 1 - Reports	Week 2-12	CLO: 1,2,3,4	10%
Test	Week 6	CLO: 1,2,3,4	30%
Assignment 2 - Presentation	Week 7-12	CLO: 4	20%
Assignment 3 - Discussion and Peer Review	Week 2-12	CLO: 1,2,3,4	5%
Assignment 4 - Essay	Week 11	CLO: 1,2,3,4	35%

Penalties

Late submissions will incur an automatic penalty of 5% of the final mark per day.

Extensions

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 7. If you miss your scheduled presentation time, you will lost 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 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

See: https://ecs.wgtn.ac.nz/Courses/SWEN433_2020T2/LectureSchedule

Communication of Additional Information

The main means of communication outside of lectures will be the SWEN 433 web area at

https://ecs.wgtn.ac.nz/Courses/SWEN433_2020T2/. 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.wgtn.ac.nz/students/study/exams/integrity-plagiarism>
- Academic Progress: <https://www.wgtn.ac.nz/students/study/progress/academic-progress> (including restrictions and non-engagement)
- Dates and deadlines: <https://www.wgtn.ac.nz/students/study/dates>
- Grades: <https://www.wgtn.ac.nz/students/study/progress/grades>
- Special passes: Refer to the Assessment Handbook, at <https://www.wgtn.ac.nz/documents/policy/staff-policy/assessment-handbook.pdf>
- Statutes and policies, e.g. Student Conduct Statute: <https://www.wgtn.ac.nz/about/governance/strategy>
- Student support: <https://www.wgtn.ac.nz/students/support>
- Students with disabilities: https://www.wgtn.ac.nz/st_services/disability/
- Student Charter: <https://www.wgtn.ac.nz/learning-teaching/learning-partnerships/student-charter>
- Terms and Conditions: <https://www.wgtn.ac.nz/study/apply-enroll/terms-conditions/student-contract>
- Turnitin: <http://www.cad.vuw.ac.nz/wiki/index.php/Turnitin>
- University structure: <https://www.wgtn.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: 13 July 2020 - 25 October 2020

Starts: Trimester 2

Campus: Kelburn