

SWEN589 (2018) - Industry Research and Development Project

Prescription

The course will consist of a substantial project, working on a software research and development task. Generally it will be done as a placement in industry, but could, in certain cases, be an industry-sourced (or industry-related) project done within the school. The project would involve supervision by an academic as well as the industry employer, and will involve formal and informal.

Course learning objectives

Students who pass this course should be able to:

1. Design and implement a solution to an appropriate software engineering problem.
2. Evaluate, justify, and explain their solution in terms of technical quality, fitness for purpose, and societal impact, including reliability, safety, sustainability, privacy, and security.
3. Work professionally and cooperatively within a company or organisation.

Course content

SWEN 589 is part of the MSwDev program taught in the Wellington ICT Graduate School. It is a supervised 60 point project, working on an industrial software research and development task, generally as a placement in industry.

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Required Academic Background

This course can only be taken by students enrolled in the MSwDev program, after successful completion of SWEN 503 and SWEN 505.

Withdrawal from Course

Withdrawal dates and process:

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

Lecturers

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Administrators

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354 Cotton, Kelburn

Matt Stevens

Work Experience Coordinator

Matt.Stevens@vuw.ac.nz

Teaching Format

No lectures

On-site visits and mentoring as needed

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: 05 March 2018 - 08 June 2018
- Break: 23 April 2018 - 27 April 2018
- Study period: 11 June 2018 - 14 June 2018
- Exam period: 15 June 2018 - 04 July 2018

Class Times and Room Numbers

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:

- Achieve at least a **D** grade in the final written report

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

Course deliverable due dates are from the start of the work placement, they are not arbitrary dates.

This reflects that some students may start in week 1 and others may start in week 3 to accommodate employers.

The oral presentation will be during the exam period for trimester one and will be a set date. Attendance is required.

Deliverable 1 - Learning Goals	Week 2	CLO:	5%
Deliverable 2 - Submission of Logbook with reflective summary of 500 words	Week 4	CLO:	5%
Deliverable 3 - Submission of Logbook with reflective summary of 1000 words	Week 8	CLO:	10%
Deliverable 4 - Final written report	Week 12	CLO:	60%
Deliverable 5 - Oral Presentation (20 mins)	Exam period	CLO:	20%

Penalties

Late work is penalised at 10% per day late. Work that exceeds the page limit will only be marked up to the page limit.

Submission & Return

Assessment items should be submitted using the course Submissions page.

Assessment items should be in pdf format, other formats will be returned or rejected for resubmission.

Workload

Five deliverables;

1. Learning goals
2. Logbook with the first reflective report, ~500 words
3. Logbook with the second reflective report ~1000 words
4. Final written report
5. Oral presentation

Teaching Plan

Communication of Additional Information

Any changes to this document will be circulated via email, the wiki page, and blackboard.

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: [28344](#)

Points: 60

Prerequisites: SWEN 503, SWEN 505

Duration: 05 March 2018 - 04 July 2018

Starts: Trimester 1

Campus: ICT Graduate School (Wigan St)