



Prescription

This course is the primary entry point for graduate students wishing to enter the Master of Software Development program within the Wellington ICT Graduate School. Students will learn to design, read, write and debug small programs and work on larger software projects within groups while applying software development methodologies and tools. The course will be taught as an intensive full time, 4 week block course and a good performance in this course will meet the MSwDev entry requirement 1(a)(ii) demonstrated a basic level of competence in programming.

Course learning objectives

Students who pass this course should be able to:

1. use the basic terminology of computer programming
2. read, write, compile and debug small programs in the Java language
3. use and understand different data types in a computer program
4. design programs involving decision structures, loops and functions
5. use and understand basic object-oriented principles and techniques
6. use programming tools such as an integrated development environment (IDE), debugger, and code repository
7. work effectively in groups to construct software

Withdrawal from Course

Withdrawal dates and process:

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

Lecturers

Karsten Lundqvist (Coordinator)

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116 Easterfield, Kelburn

Michael Homer

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115 Easterfield, Kelburn

Teaching Format

This is a full time block course.

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: 11 June 2018 - 06 July 2018

Class Times and Room Numbers

Set Texts and Recommended Readings

Required

There are no required texts for this offering.

Mandatory Course Requirements

There are no mandatory course requirements for this 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

Group oriented programming project	CLO: 1,2,3,4,5,6,7	25%
Three individual programming projects, each worth 25%.	CLO: 1,2,3,4,5,6	75%

Penalties

Unless excused, late work will be penalised at 10% per day late, up to 5 days maximum lateness.

Extensions

Individual extensions will only be granted in exceptional personal circumstances, and should be negotiated with the course coordinator before the deadline whenever possible. Documentation (eg, medical certificate) may be required.

Submission & Return

Work will be submitted via the ECS submission system (<https://apps.ecs.vuw.ac.nz/submit/SWEN131>). Work submitted via the online system will be returned electronically once marked.

Workload

SWEN 131 is a full-time intensive course. You should expect to be on-site from 10am each teaching day. If you are unable to attend a teaching day, contact the lecturer or course coordinator as soon as possible.

Teaching Plan

See https://ecs.victoria.ac.nz/Courses/SWEN131_2018T1/LectureSchedule

Communication of Additional Information

All online material for this course can be accessed at https://ecs.victoria.ac.nz/Courses/SWEN131_2018T1/

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: [28443](#)

Points: 15

Prerequisites: Applied for MSwDev

Restrictions: COMP 102, 103, 112;

Duration: 11 June 2018 - 06 July 2018

Starts: Trimester block dates

Campus: Kelburn