

## ENGR302 (2017) - Group Project

### Prescription

Students will work in teams on a project of modest complexity, practising teamwork, project planning, the development of interface specifications and testing.

### Course learning objectives

Students who pass this course will be able to:

1. Produce a Project Initiation Document (PID) and explain the importance of each element to starting an engineering project (1(a), 1(b), 2(b), 3(d)).
2. Apply good practices and professional standards to achieve sustainable development and to maximize success of the project in terms of a) problem solving of technical issues leading to quality design leading to producing appropriate and working deliverables; b) your personal experience as a participating group member and a workpackage leader (3(a), 3(d), 3(e), 3(f)).
3. Produce meaningful critiques of the work-experience in a multi-disciplined team involving differing skill areas and skill levels (1(a), 2(b)).
4. Prepare and deliver a) an achievement/progress report as a presentation; b) a working demonstration of your product (1(a), 2(b), 3(b), 3(e)).
5. Demonstrate that you understand the basic causes of interpersonal conflict and have applied this to your practical experience of group dynamics in resolving conflicts (2(a)).

### Withdrawal from Course

Withdrawal dates and process:

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

### Lecturers



**James Quilty (Coordinator)**

james.quilty@vuw.ac.nz 04 463 5233 ext 4090

226 Alan MacDiarmid Building, Kelburn

### Teaching Format

During the trimester there will be three lectures per week and meetings between specific teams and the Course Coordinator.

### 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 – LT301, New Kirk, Kelburn
- **Wednesday** 11:00 - 11:50 – 306, 77 Fairlie Tce, Kelburn
- **Thursday** 12:00 - 12:50 – 306, 77 Fairlie Tce, Kelburn

## 11 September 2017 - 22 October 2017

- **Monday** 11:00 - 11:50 – LT301, New Kirk, Kelburn
- **Wednesday** 11:00 - 11:50 – 306, 77 Fairlie Tce, Kelburn
- **Thursday** 12:00 - 12:50 – 306, 77 Fairlie Tce, Kelburn

# 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

This course will be internally and externally assessed through presentation, assignments, a test, and project delivery.

## Workload

In order to maintain satisfactory progress in ENGR 302, 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 and PD Meetings: 2 hours
- Assignments: 1 hour
- Project work, both technical and management: 7 hours.

## Teaching Plan

## 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/](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:** [17179](#)

**Points:** 15

**Prerequisites:** ENGR 301

**Duration:** 17 July 2017 - 19 November 2017

**Starts:** Trimester 2

**Campus:** Kelburn