



## Prescription

This course will prepare student's expectations for many of the events and situations they are likely to meet in the professional working world. This includes: codes of conduct, as determined by professional bodies and company practices; ethical behaviour, as found in the workplace and dictated by company practices; critical thinking and people issues, as relevant in the workplace and in company practice.

## Course learning objectives

Students who pass this course should be able to:

1. Communicate at a professional level orally and in writing, to a varied range of audiences.
2. Assess the social, cultural, legal, health & safety, environmental and sustainability implications of their engineering work, and identify and justify specific actions to address issues.
3. Understand the need and role of ethics and professional standards in business and industry from the personal level to the corporate level, and be able to identify and justify ethical courses of action.
4. Understand the benefits, risks, theory and processes of innovation in practice, and be able apply this knowledge to their work.

## Course content

The course is offered in-person and online. Students are encouraged to participate in the critical discussions of the lectures. Tests will be undertaken online.

Students taking this course remotely must have access to a computer with camera and microphone and a reliable high speed internet connection that will support real-time video plus audio connections and screen sharing. Students must be able to use Zoom; other communication applications may also be used. A mobile phone connection only is not considered sufficient. The computer must be adequate to support the practical work required by the course: almost any modern windows, macintosh, or unix laptop or desktop computer will be sufficient, but an Android or IOS tablet will not.

## Withdrawal from Course

Withdrawal dates and process:

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

## Lecturers

---

**Prof Alan Brent (Coordinator)**

alan.brent@vuw.ac.nz 04 463 5960

AM 413 Alan Macdiamid Building, Gate 7, Kelburn Parade, Kelburn

---

## Prof Bastiaan Kleijn

bastiaan.kleijn@vuw.ac.nz 04 463 6613

AM 417 Alan Macdiarmid Building, Gate 7, Kelburn Parade, 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 provided in-person also made available online.

During the trimester there will generally be two workshop-style lectures per week, with an occasional third workshop.

## Student feedback

Student feedback on University courses may be found at:  
[www.cad.vuw.ac.nz/feedback/feedback\\_display.php](http://www.cad.vuw.ac.nz/feedback/feedback_display.php)

## Dates (trimester, teaching & break dates)

- Teaching: 28 February 2022 - 03 June 2022
- Break: 11 April 2022 - 24 April 2022
- Study period: 06 June 2022 - 09 June 2022
- Exam period: 10 June 2022 - 25 June 2022

## Class Times and Room Numbers

### 28 February 2022 - 10 April 2022

- **Wednesday** 16:10 - 17:00 – LT220, Murphy, Kelburn
- **Friday** 16:10 - 17:00 – LT220, Murphy, Kelburn

### 25 April 2022 - 05 June 2022

- **Wednesday** 16:10 - 17:00 – LT220, Murphy, Kelburn
- **Friday** 16:10 - 17:00 – LT220, Murphy, Kelburn

## Other Classes

Additional resources, to support lectures, will be provided on Blackboard.

## 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 assessed through assignments and oral presentations.

Assessment Item	Due Date or Test Date	CLO(s)	Percentage
Assignment 1	26-04-2022	CLO: 1,2,3,4	40%
Assignment 2	16-05-2022	CLO: 1,2,3,4	25%
Assignment 3	20-06-2022	CLO: 1,2,3,4	25%
Individual oral presentation, in-class and online	TBC	CLO: 1,2,3,4	10%

## Penalties

Late submissions will be subject to a penalty of 10% per day for 4 days. No work will be accepted after this unless previously arranged with the Course Coordinator.

## Extensions

Individual extensions will only be granted in exceptional personal circumstances, and requests should be made to the Course Coordinator before the assessment deadline whenever possible. Documentation (e.g. a medical certificate) may be required.

## Submission & Return

Assignments are to be submitted via Blackboard, where feedback will be provided.

## Workload

The total workload for ENGR 401 is 150 hours. In order to maintain satisfactory progress in ENGR 401 you should plan to spend an average of 10 hours per week on this course. A plausible and approximate breakdown for these hours would be:

- Workshop-style lectures: 2 hours.
- Readings: 2 hours.
- Assignments: 6 hours.

## Teaching Plan

The teaching plan will be made available on commencement of the course via Blackboard.

# Communication of Additional Information

The main means of communication outside of lectures will be via Blackboard.

## 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/](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:** [18690](#)

**Points:** 15

**Prerequisites:** ENGR 201, 301, 302; 45 further 300-level pts from the BE(Hons) Schedule

**Duration:** 28 February 2022 - 26 June 2022

**Starts:** Trimester 1

**Campus:** Kelburn