



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.
5. Function effectively in a team during workshop exercises.

Withdrawal from Course

Withdrawal dates and process:

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

Lecturers

Craig Watterson (Coordinator)

craig.watterson@vuw.ac.nz 04 4635233 ext 9448

253 Cotton, Kelburn

Teaching Format

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:

Dates (trimester, teaching & break dates)

- Teaching: 02 March 2020 - 07 June 2020
- Break: 13 April 2020 - 27 April 2020
- Study period: 08 June 2020 - 11 June 2020
- Exam period: 12 June 2020 - 27 June 2020

Class Times and Room Numbers

02 March 2020 - 22 March 2020

- **Tuesday** 16:10 - 17:00 – LT1, Te Toki a Rata, Kelburn
- **Thursday** 16:10 - 17:00 – LT1, Te Toki a Rata, Kelburn
- **Friday** 15:10 - 16:00 – LT1, Te Toki a Rata, Kelburn

27 April 2020 - 07 June 2020

- **Tuesday** 16:10 - 17:00 – LT1, Te Toki a Rata, Kelburn
- **Thursday** 16:10 - 17:00 – LT1, Te Toki a Rata, Kelburn
- **Friday** 15:10 - 16:00 – LT1, Te Toki a Rata, 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 assessed through tests, assignments and oral presentations.

| Assessment Item | Due Date or Test Date | CLO(s) | Percentage |
|------------------------------|-----------------------|--------------|------------|
| Short in-class test | Week 4 | CLO: 1,2,3,4 | 5% |
| In-class test 1 | Week 6 | CLO: 1,2,3,4 | 25% |
| Short in-class test | Week 8 | CLO: 1,2,3,4 | 5% |
| Assignment 2 - Essay | Week 10 | CLO: 1,2,3,4 | 25% |
| In-class test 2 | Week 12 | CLO: 1,2,3,4 | 25% |
| Individual oral presentation | Exam period | CLO: 1,2,3,4 | 15% |

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 to be submitted using the ECS online submission system, accessible through the course web pages. Marks and comments will be returned through the ECS marking system, also available through the course web pages.

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: 2-3 hours.
- Readings: 2-3 hours.
- Assignments: 4-5 hours.

Teaching Plan

See: https://ecs.wgtn.ac.nz/Courses/ENGR401_2020T1/LectureSchedule

Communication of Additional Information

The main means of communication outside of lectures will be the ENGR 401 web area at https://ecs.wgtn.ac.nz/Courses/ENGR401_2020T1/. There you will find, among other additional information, the lecture schedule and assignment handouts.

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: [18690](#)

Points: 15

Prerequisites: 75 300-level pts from the BE(Hons) schedule including ENGR 301, 302

Duration: 02 March 2020 - 28 June 2020

Starts: Trimester 1

Campus: Kelburn