



Outline

The majority of engineering work is procured through contracts, within an array of delivery methods. The course examines the relationship between tenders and contracts and the various popular forms of delivery methods. The course covers the formation and documentation involved in contracts, the commercial aspects of contractual agreements including payment types 2 (pa) 0.2 (y

you through standard practices in contracts and also highlight where individual approaches are possible. The course is offered as reasonably common practice, but different practices can be found.

Aims

When you have completed this course, you should have a better understanding of:

- Procurement.
- Elements of a contract.
- Contract documents.
- Tendering
- Types of contracts.
- Alternative delivery methods.
- Contract administration.

The intent is not to make lawyers out of you but rather to make you aware of what you do know and do not know, where to turn for advice and what are the correct questions to ask.

Do not be apologetic that you do not know everything about contracts. Lawyers, for example, do not know everything about engineering. By studying courses such as this you should be able to converse and interact with lawyers in a more meaningful and efficient way.

The course is structured through face-to-face contact and individual assessment to achieve these aims.

Handbook details:

<https://www.handbook.unsw.edu.au/undergraduate/courses/2020/CVEN4103/>

Course Information:

This is a final year 6 UOC course in Civil and Environmental Engineering

Class details:

<http://timetable.unsw.edu.au/2020/CVEN4103.html>

See Moodle for the breakdown of lecture times and times when you are able to ask questions and gain feedback.

Course Program:

The course will cover the following content:

I. Understanding Contracts and Tenders
Elements of a Contract; Discharge of a Contract
Tendering and Contract Documents
Tendering
II. Procurement
In-House versus Outsourcing
Contract (Payment) Types
Delivery Methods
III. Administration
Contract Administration
Disputes

Teaching Mediums

The course has been designed to include the following:

- Lectures – for conveying nuances in the subject material
- Question/feedback periods – to clarify subject information
- Assignments – for students to relate the subject to industry practice
- Private enquiry – to reinforce the weekly subject material

All components are aimed at developing student understanding in the subject content.

Learning Outcomes and EA Competencies

Deep familiarity with engineering procurement terminology and scope (PE1.1; PE1.3; PE1.5; PE2.2; PE2.4; PE3.1; PE3.2; PE3.4; PE3.5)

Deep familiarity with engineering practice (PE1.1; PE1.3; PE1.5; PE2.2; PE2.4; PE3.1; PE3.2; PE3.4; PE3.5)

Academic Advice

<https://www.engineering.unsw.edu.au/civil-engineering/student-resources/policies-procedures-and-forms/academic-advice>

Dates to Note

<https://student.unsw.edu.au/dates>

Special Considerations

<https://student.unsw.edu.au/special-consideration>

Course Communications

All communications on the course are to be through the Moodle discussion tool, or during the nominated lecture/workshop time slots. Using the Moodle discussion tool allows all students to see replies to any questions asked, and allows all students to join the discussions. Also use the Moodle discussion tool to create discussion topics with others in the class.

Assessment – General

Your final grade in the course will be the sum of your assignment submissions.

Individual Work

All assessment work is to be done individually. There is no group work.

Plagiarism

The course has a zero tolerance policy on plagiarism. For all assessment, you must use your own words. Do not copy or cut and paste anybody else's words, diagrams, photographs or tables, including any lecture material. Any form of plagiarism, no matter how small, in any submission will score a maximum half marks for the submission. Sharing your submission with another, or using the same words (no matter how minor) as another, will lead to both of you scoring maximum half marks.

<https://student.unsw.edu.au/plagiarism>

<https://www.engineering.unsw.edu.au/study-with-us/current-students/student-responsibilities-and-conduct>

Assessment Details

See Moodle for particulars of the subject matter of each assessment component, formatting, assessment criteria, and particular requirements.

Final Examination

There is no final examination.

Supplementary Assessment

If needed, supplementary assessment will comprise an oral presentation and examination via video.