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think for themselves, deal with  
professional way. Each time the

## OBJECTIVES

The objectives of the course are:

- x Understanding the development Cycle of Projects
- x Carry out Feasibility Studies for Projects
- x Understanding the various approvals required for Projects in NSW
- x Basic understanding of Law, Planning and Risk as they relate to Engineering Projects
- x Understanding the Sensitivity Analyses for Projects
- x Constructing Project Timelines
- x Understand Legal and Project Processes for approval in NSW

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| 14/11/2022<br>(Week 10) | Course Review |
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| ASSESSMENT |
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1. Individual Assignment 1

This assignment will require students to compose a written report in the Harvard style, relating to the lecture and workshop content. The basis of this work is for students to illustrate their understanding of the knowledge learnt throughout the course, and demonstrate students' ability to coherently construct a report.

2. Oral presentation

This assignment requires each student in their allocated groups to present in front of a panel of distinguished guests in the Industry. The way you present accurate technical information is a significant part of this assignment. Each group must provide a one-page outline of their presentation to the panelists. The assignment will imbue students with the real-life experience of presenting to a Board, working in teams, and demonstrate students' public speaking skills.

3. Final Examination

The Final Examination will be externally conducted and scheduled by the UNSW Examinations Branch. Students will be informed via Moodle for the exact start time of this 2-hour examination. This examination is to assess students understanding of the course's significant technical content, based upon the presented lecture and workshop material given through the semester.

All assignments and reports are to be submitted using the 'Turnitin' submission tool. All assignments and reports are to be submitted by uploading onto the Moodle. No email copies will be accepted.

Note: Final exams in T3 2022 will be held online between 25th November - 8th December 2022 inclusive, and supplementary exams between 10th and 13th December 2022.

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| ASSESSMENT OVERVIEW |
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| Item                       | Length                               | Weighting | Learning outcomes assessed | Assessment Criteria   | Due date and submission requirements                 | Deadline for absolute fail                          | Marks returned                         |
|----------------------------|--------------------------------------|-----------|----------------------------|---|--|---|--|
| 1. Individual Assessment 1 | 3000 words                           | 20%       | 1, 2                       | The assignment is to be constructed in the Harvard format. The report will demonstrate a student's understanding of content presented in the lectures. It will be assessed based on content and format. | By 23:59pm on Friday 30 <sup>th</sup> September 2022 | By 23:59pm on Thursday 6 <sup>th</sup> October 2022 | By Friday 7 <sup>th</sup> October 2022 |
| 2. Oral presentation       | 15 minute presentation, 5 minute Q&A | 30%       | 1, 2                       | In groups, students are to present to a Board using accurate, technical information/. Each student is expected to complete an evaluation form,<br>2 .   |  |   |  |

## RELEVANT RESOURCES

- x There are no set textbooks for this course

## DATES TO NOTE

Refer to MyUNSW for Important Dates available at:

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

## PLAGIARISM

Beware! An assignment that includes plagiarised material will receive a 0% Fail, and students who plagiarise may fail the course. Students who plagiarise are also liable to disciplinary action, including exclusion from enrolment.

Plagiarism is the use of another person's work or ideas as if they were your own. When it is necessary or desirable to use other people's material you should adequately acknowledge whose words or ideas they are and where you found them (giving the complete reference details, including page number(s)). The Learning Centre provides further information on what constitutes Plagiarism at:

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

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Appendix A: Engineers Australia (EA) Competencies  
Stage 1 Competencies for Professional Engineers

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|  | Program Intended Learning Outcomes |
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PE1.1 Comprehensive, theory-based understanding of underpinning mathematical and scientific knowledge (EA Competency Tw 02 T44 68)

PE1: Knowledge  
and Skill Base