



Source Outline
Term 3 2019

GSOE9830

**ECONOMIC DECISION ANALYSIS IN
ENGINEERING**

The normal workload expectations of a student are approximately 25 hours per term for each UOC, including class contact hours, other learning activities, preparation and time spent on all assessable work.

This means that you should aim to spend about 9 h/w on this course. The additional time should be spent in making sure that you understand the lecture material, completing the set assignments, further reading, and revising for any examinations.

There is NO parallel teaching in this course.

Contact hours

	Day	Time	Location
Lectures	Thursday	15:00-17:00	Ritchie Theatre

Learning Outcome	EA Stage 1 Competencies
2. Understand cost concepts, cash flows, their estimation and interest formulae. Also, to understand various depreciation methods and learn about the effect of income tax on economy studies	PE1.2, PE1.3, PE3.4ar 0 1 3

6. Assessment

The assessment will be through class tests and a final examination. The various parts of the course contributing to the overall grade are as follows:

Assessment overview

Assessment	Group Project? (# Students per group)	Length	Weight	Learning outcomes assessed	Assessment criteria	Due date and submission requirements	Deadline for absolute fail	Marks returned
Module A class test	No	1.25 hrs						

Examinations

The class test consists of short questions that require short descriptive answers and/or short calculations.

The final examination for the course is a written end-of-session examination of two hours duration and will include material covered in the whole course (Sections 1 and 2). The final exam has questions that require more substantial descriptive answers and/or calculations.

You must be available for all tests and examinations. Final examinations for each course are

International, 17th Ed., 2018.

This textbook is available for purchase at the UNSW book shop.

Textbook 2 (optional)

Press 2000

UNSW Library website can be accessed at <https://www.library.unsw.edu.au/>

Lecture outlines and course notes will be provided on Moodle.

Moodle: <https://moodle.telt.unsw.edu.au/login/index.php>

8. Course Feedback and Evaluation

Feedback on the course is gathered periodically using various means, including the

resources, attend the Learning Centre, or sometimes resubmit your work with the problem fixed. However more serious instances in first year or paying someone to do your work, may be investigated under the Student Misconduct Procedures.

Repeated plagiarism (even in first year), plagiarism after first year, or serious instances, may also be investigated under the Student Misconduct Procedures. The penalties under the procedures can include a reduction in marks, failing a course or for the most serious matters (like plagiarism in an honours thesis) even suspension from the university. The Student Misconduct Procedures are available here:

www.gs.unsw.edu.au/policy/documents/studentmisconductprocedures.pdf

10. Administrative matters and links



Competencies

Stage 1 Competencies for Professional Engineers