

ENGR 4037 ADVANCED ENGINEERING THESIS 1: PRELIMINARY INVESTIGATIONS

Credit Points 10

Legacy Code 301485

Coordinator Pan Hu ([https://directory.westernsydney.edu.au/search/name/Pan Hu/](https://directory.westernsydney.edu.au/search/name/Pan%20Hu/))

Description Advanced Engineering Thesis 1 - Preliminary Investigations unit consists of a research project designed and implemented under the direction of an academic supervisor and research mentor. This subject is the culmination of studies for students who have completed their first three years of an undergraduate degree and provides substantial training in Preliminary Investigations. Under staff supervision, students are allocated a particular topic for their research, design their own programme of research, and perform the research. The emphasis of this subject is on the application of research knowledge gained in other subjects to the practical conduct of the individual research project. This subject provides final year Advanced engineering students with the opportunity to undertake research on a specialist topic within their undergraduate field of study.

School Eng, Design & Built Env

Discipline Engineering and Related Technologies, Not Elsewhere Classified.

Student Contribution Band HECS Band 2 10cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 4 subject

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Item	Length	Percent	Threshold	Individual/ Group Task
Proposal	15-20 pages	35	Y	Individual
Report	30-40 pages	65	Y	Individual

Teaching Periods

Autumn

Penrith (Kingswood)

Day

Subject Contact Kejun Dong ([https://directory.westernsydney.edu.au/search/name/Kejun Dong/](https://directory.westernsydney.edu.au/search/name/Kejun%20Dong/))

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR4037_22-AUT_KW_D#subjects)

Spring

Penrith (Kingswood)

Day

Subject Contact Kejun Dong ([https://directory.westernsydney.edu.au/search/name/Kejun Dong/](https://directory.westernsydney.edu.au/search/name/Kejun%20Dong/))

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR4037_22-SPR_KW_D#subjects)