

ENGR 4036 ADVANCED ENGINEERING THESIS 2: DETAILED INVESTIGATIONS

Credit Points 10

Legacy Code 301484

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 2 - Detailed Investigations unit consists of a research project designed and implemented under the direction of an academic supervisor and research mentor. This unit is the culmination of studies for students who have completed their first three years of an undergraduate degree and provides substantial training in detailed 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 unit is on the application of research knowledge gained in other units and in Engineering Thesis 1 - Preliminary Investigations to the practical conduct of the individual research project. This unit provides final year Advanced engineering students with the opportunity to undertake research on a specialist topic within their Key Program of undergraduate 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

Pre-requisite(s) ENGR 4037

Equivalent Subjects MECH 4006 - Advanced Engineering Thesis 2 Detailed Investigations

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
Presentation	Students are required to conduct a 20 minutes oral presentation during mid-semester break.	20	N	Individual
Report	8 pages in journal paper format	15	N	Individual
Thesis	60-80 pages	65	Y	Individual

Teaching Periods

Autumn Penrith (Kingswood)

Day

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View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR4036_22-AUT_KW_D#subjects)

Parramatta - Victoria Rd

Day

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Spring Penrith (Kingswood)

Day

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