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WHY WRITE AN HONOURS RESEARCH THESIS?

- Satisfy your intellectual curiosity
This is the most interesting part of the research process, but it is also the most time-consuming. You will be required to generate original ideas and defend them. This is a great opportunity to explore a topic that interests you and to develop your research skills.
- Develop transferable research skills
Whether you choose to continue your research or not, the skills you develop during your honours thesis are valuable. You will learn how to identify a research problem, conduct research, analyze data, and write a thesis. These skills are transferable to many other areas of study and work.
- Gain experience in writing a thesis
Writing a thesis is a challenging task, but it is also a great opportunity to develop your writing skills. You will learn how to write a clear and concise thesis, and how to defend your arguments. This experience will be valuable in your future academic and professional life.
- Work closely with academic staff
At the honours level, you will have the opportunity to work closely with academic staff. This can be a great experience, as you will be able to learn from their expertise and receive feedback on your work. This can help you to improve your research and writing skills, and to develop a strong relationship with your supervisor.

SUPERVISION

- There are no specific hours as sessions are held throughout the course (see below).
- Meet (s and t) ings bet he s t ar r angement .
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CONSULTATION

- The cour s e coor dinat or will be av ailable by pr ior appoi ntment if needed.

EXPECTED LEARNING OUTCOMES

- At the end of the course, students should be able to:
1. Develop a design or a process for an investment project. (7, 8, 9, 10)
 2. Critically evaluate the effectiveness of the project.
 3. Apply scientific and engineering methods to the project.
 - 4.

HIGHER HONOURS A SUBMISSIONS

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SUMMARY OF ALL HIGHER HONOURS THESIS MARKED ASSESSMENTS

Higher Honours Thesis A:

1.	Component	Week 7	A1	Satisfactory/Unsatisfactory
2.	Component	Week 10	A2	10 % of Fin0he M-12.3 (dy1.5 (y)kTJ 0 Tc
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DATES TO NOTE

Refer t for Impor t o MNSW ant

Index A: Engineers Australia (EA) Competencies
 Table 1 Competencies for Professional Engineers

	Program Intended Learning Outcomes
PE1: Knowledge and Skill Base	PE1.1 Comprehensive, theory-based understanding of underpinning fundamentals
	PE1.2 Conceptual understanding of underpinning maths, analysis, statistics, computing
	PE1.3 In-depth understanding of specialist bodies of knowledge
	PE1.4 Discernment of knowledge development and research directions
	PE1.5 Knowledge of engineering design practice
	PE1.6 Understanding of scope, principles, norms, accountabilities of sustainable engineering practice
PE2: Engineering Application Ability	PE2.1 Application of established engineering methods to complex problem solving
	PE2.2 Fluent application of engineering techniques, tools and resources
	PE2.3 Application of systematic engineering synthesis and design processes
	PE2.4 Application of systematic approaches to the conduct and management of engineering projects
PE3: Professional and Personal Attributes	PE3.1 Ethical conduct and professional accountability

