Course Outline

Term 1 2020

MMAN4952

Research Thesis B

Contents

1. Staff contact details

Academic staff, sometimes together with some senior engineers from industry, act as

search. However, most students spend more time on their thesis work.

Contact hours

There are no set contact hours for thesis.

Summary and Aims of the course

Aims

The thesis provides an opportunity for the student to bring together engineering principles learned over their previous years of study and apply these principles to innovatively solve problems, such as the development of a s

term. This option is limited to students who have exceptional circumstances, have a compelling reason not choose the Practice thesis stream and can demonstrate an outstanding ability to progress. Moreover, it requires a prerequisite waiver to waive the Thesis B requirement for Thesis C.

Laboratory Activities and Staff

You must seek guidance and approval from your Thesis supervisor prior to any laboratory activities.

The laboratories are the responsibility of the staff-in-charge, and you must operate within the accepted practices of the laboratory concerned. You should not expect laboratory staff to take responsibility for your thesis or carry out work for you. Laboratory staff are highly skilled and helpful; take full advantage of their experience.

Safety Training

A full list of safety training requirements for Thesis students is available on the School's intranet. Safety in any project is paramount and it is mandatory to complete risk paperwork for all activities. Always discuss with your supervisor what your plans are and what risk assessments will be required.

Student learning outcomes

This course is designed to address the learning outcomes below and the corresponding Engineers Australia Stage 1 Competency Standards for Professional Engineers as shown. The full list of Stage 1 Competency Standards may be found in Appendix A.

After successfully completing this course, you should be able to:

Learning Outcome		**EA Stage 1 Competencies**
1.	Develop a design or a process or investigate a hypothesis following industry and professional engineering standards.	PE2.1, PE2.2, PE2.3, PE2.4
2.	Critically reflect on a specialist body of knowledge related to their thesis topic.	PE1.3
3.	Apply scientific and engineering methods to solve an engineering problem.	PE2.1
4.	Analyse data objectively using quantitative and mathematical methods.	PE1.2, PE2.1, P2.2
5.		

4. Teaching strategies

There is no formal teaching, but students learn from both internal and external sources. The

Criterion	Wt	Accomplished	Distinguished	Solid	Adequate	Deficient
		85-100%	75-84%	65-74%	50-64%	0-49%
Reflection on Progress Length approx. 2 pages						

Criterion	Wt	Accomplished	Distinguished	Solid	Adequate	Deficient

Submission

Please submit your report electronically, directly through the submission inbox which will be made available on the Moodle page of the course, unless you have been granted "confidential submission".

Confidential Submission

Confidential submission can be granted by the course conveners in case of confidential projects (e.g. with sensitive data from company partners). This must be requested from the course convenor at the beginning of Thesis A (not later than Week 4 of Thesis A) by the student and have the support of the supervisor (email explaining reason). If you have been granted "confidential submission", you should SUBMIT DIRECTLY TO YOUR SUPERVISOR (not using this Moodle submission inbox) by means of a medium agreed with your supervisor, still within the same assignment deadline.

Please note that Thesis C will require two markers, so you and your supervisor will need to propose a solution that satisfies your confidentiality constraints. The convenors will have to approve your proposed solution before the beginning of Thesis C.

It is always the student's responsibility (in discussion with the primary supervisor) to ensure that the confidentiality constraints are met in the processes of submission, marking and thesis document management.

Late submission of the report (Thesis B)

Late submissions for Thesis B will not be accepted, unless agreed with the course convenor prior to Friday 5pm, Week 9.

Late submission of the report (Thesis A & C)

Work submitted late without an approved extension by the course coordinator or delegated authority is subject to a late penalty of 20 percent (20%) of the maximum mark possible for that assessment item, per calendar day that the assessment is overdue (weekends and public holidays count as days). There is no pro-rata of the late penalty for submissions made part way through a day. The penalty applies until the marks for the course decrease to 50, and further lateness does not result in failure of the course, until the deadline for absolute fail. Any report submitted after the 'deadline for absolute fail' is not accepted and a mark of zero will be awarded for that assessment item, thus resulting in the failure of the course. The penalty will be applied directly by the marker.

Extensions and special consideration

Normal cases for special consideration (illness, misadventure) should be lodged through the formal UNSW system and dealt with accordingly. For details of applying for Special Consideration and conditions for the award of supplementary assessment, please see the information on UNSW's Special Consideration page.

Other applications for extension of submission of thesis reports (e.g. equipment breakdown, etc.) must comply with the following:

1.

convener. In our efforts to provide a rich and meaningful learning experience, we have continued to evaluate and modify our delivery and assessment methods.

10. Academic honesty and plagiarism

UNSW has an ongoing commitment to fostering a culture of learning informed by academic integrity. All UNSW students have a responsibility to adhere to this principle of academic integrity. Plagiarism undermines academic integrity and is not tolerated at UNSW. *Plagiarism at UNSW is defined as using the words or ideas of others and passing them off as your own.*

Plagiarism is a type of intellectual theft. It can take many forms, from deliberate cheating to accidentally copying from a source without acknowledgement. UNSW has produced a website with a wealth of resources to support students to understand and avoid plagiarism, visit: student.unsw.edu.au/plagiarism