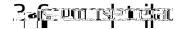


Term 2 2020

MECH4100 MECHANICAL DESIGN 2

Contanto

1.



Credit points

This is a 6 unit-of-credit (UoC) course and involves up to 5 hours per week (h/w) of scheduled online contact.

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.

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.

Contact hours

Day Time

teaching staff and your Client. Final choice of Project and/or Group allocation is the preserve of course teaching staff whose decision is final. By the end of term your team must have:

Course Outline: MECH4100

Assignments

Presentation

All submissions are expected to be neat and clearly set out. Your results are the pinnacle of all your hard work and should be treated with due respect. Presenting results clearly gives the marker the best chance of understanding your method; even if the numerical results are incorrect.

Submission

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.

The late penalty is applied per calendar day (including weekends and public holidays) that the assessment is overdue. There is no pro-rata of the late penalty for submissions made part way through a day.

Work submitted after the 'deadline for absolute fail' is not accepted and a mark of zero will be awarded for that assessment item.

For some assessment items, a late penalty may not be appropriate. These are clearly indicated in the course outline, and such assessments receive a mark of zero if not completed by the specified date. Examples include:

- a. Weekly online tests or laboratory work worth a small proportion of the subject mark, or
- b. Online guizzes where answers are released to students on completion, or
- c. Professional assessment tasks, where the intention is to create an authentic assessment that has an absolute submission date, or
- d. Pass/Fail assessment tasks.

Marking

Marking guidelines for assignment submissions will be provided at the same time as assignment details to assist with meeting assessable requirements. Submissions will be marked according to the marking guidelines provided.

Special consideration and supplementary assessment

If you have experienced an illness or misadventure beyond your control that will interfere with your assessment performance, you are eligible to apply for Special Consideration prior to submitting an assessment or sitting an exam.

Please note that UNSW now has a <u>Fit to Sit / Submit rule</u>, which means that if you attempt an exam or submit a piece of assessment, you are declaring yourself fit enough to do so and cannot later apply for Special Consideration.

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

All students are expected to read and be familiar with UNSW guidelines and polices. In particular, students should be familiar with the following:

Attendance

UNSW Email Address

Special Consideration

Exams

Approved Calculators

Academic Honesty and Plagiarism

Equitable Learning Services

V1.1 25 May 2020

Course Outline: MECH4100

in the competencies

Stage 1 Competencies for Professional Engineers

	Program Intended Learning Outcomes		
	PE1.1 Comprehensive, theory-based understanding of underpinning fundamentals		
PE1: Knowledge and Skill Base	PE1.2 Conceptual understanding of underpinning maths, analysis, statistics, computing		
Knowledg Skill Base	PE1.3 In-depth understanding of specialist bodies of knowledge		
: Kn	PE1.4 Discernment of knowledge development and research directions		
PE1: and	PE1.5 Knowledge of engineering design practice		
_	PE1.6 Understanding of scope, principles, norms, accountabilities of sustainable engineering practice		
ing ility	PE2.1 Application of established engineering methods to complex problem solving		
neer Ab	PE2.2 Fluent application of engineering techniques, tools and resources		
PE2: Engineering Application Ability	PE2.3 Application of systematic engineering synthesis and design processes		
PE2 App	PE2.4 Application of systematic approaches to the conduct and management of engineering projects		
	PE3.1 Ethical conduct and professional accountability		
PE3: Professional and Personal Attributes	PE3.2 Effective oral and written communication (professional and lay domains)		
: Professiond Persona Attributes	PE3.3 Creative, innovative and pro-active demeanour		
3: Pr nd F Attı	PE3.4 Professional use and management of information		
PE3 a	PE3.5 Orderly management of self, and professional conduct		
	PE3.6 Effective team membership and team leadership		

Course Outline: MECH4100