1. YOUR COURSE AT A GLANCE

Mechanics of Solids 1(MMAN 2400)

Notes	Section	Assessed activities

2. COURSE STAFF

Course convenor

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3. COURSE INFORMATION

Details

This is a second year undergraduate course, worth 6 Units of credit

Nominal total student time: 11 hours per week, including 6 hours per week class contact time.

Course Objectives

Expected student learning outcomes

Learning outcome	UNSW graduate Attributes[1]
Recognise the fundamentals of Solid Mechanics.	2,3,4
Demonstrate the fundamentals of stresses and strains	2,3,4

Problem Solving Class	Be guided by course notes and demonstrators Ask questions Do problems, as set out in the course notes Study an aspect of mechanics of solids Work with colleagues

Private study

$A_{bow} = 0.0035AmfV$ (Equation in symbols)

$= 0.0035 \ 480 \ 0.95 \ 1.0 \ 18.00$ (Numbers substituted)

$= 28.7 \ m^2$ (Answer with units)

mConsyCeiv7AaEMSeHdWEkS3(pTY3(ch3(s)22(ND3((PET)6(18s)22(GIh3)5A)22(RISM3T1 0 0 1 308

Inability to attend the block tests on one of these times for reasons such as work commitments, holidays etc. cannot, unfortunately, be accommodated with a class of this size. Of course arrangements will be made for emergencies such as illness. Arrangements for each type of assessment are tabulated below.

Type of Assessment	
Block tests 1-4	Repeat test only for illness and other emergencies
Adaptive Tutorial exercise	Online submission
Laboratory	Reports submission 8 re49eonlysaso4(d)-3(a) esmrgenn3(l

1BT1 0 0 1 282.77 759.42 Tm48Tm TJE*TJc[%)7at tn3(g)6(e)l(o)-3(p)11(e)6(m)3T1 0 0 1 308.69 745.664.7348

assessment tasks. If plagiarism is found in your work when you are in first year, your lecturer will offer you assistance to improve your academic skills. They may ask you to look at some online resources, attend the Learning Centre, or sometimes resubmit your work with the problem fixed. However more serious instances in first year, such as stealing another student's work or paying someone to do your work, may be investigated under the Student Misconduct Procedures.

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:
http://www.gs.unsw.edu.au/policy/documents/studentmisconductprocedures.pdf

Further information on School policy and procedures in the event of plagiarism is presented in a School handout, Administrative Matters for All Courses, available on the School website.

7. COURSE SCHEDULE

Basic structure

Three hours lectures, one hour problem solving class and two hours of tutorial per week; five hours of self-study.

Detailed listing

See p8 for a week-by-week listing of class activities.

8. RESOURCES FOR STUDENTS

Available through the UNSW bookshop:

Hibbeler, Mechanics of Materials SI 9th edition and Prusty, Mechanics of Solids 1

Library (e.g. http://info.library.unsw.edu.au/web/services/services.html)

9. COURSE EVALUATION AND IMPROVEMENT

Feedback on the course is gathered periodically using various means, including the Course and Teaching Evaluation and Improvement (CATEI) process, informal discussion in the final tutorial class for the course, and the School's Student/Staff meetings. Your feedback is taken seriously, and continual improvements are made to the course based, in part, on such feedback.

10. ADMINISTRATIVE MATTERS

You are expected to have read and be familiar with "Administrative Matters", available on the School website. This document contains important information on student responsibilities and support, including special consideration, assessment, health and safety, and student equity and diversity.

Planned Schedule (subject to updating)

The schedule below is broken into blocks (see p2) so you can grasp the content of solid mechanics in manageable chunks. The general format for each block is:

Three weeks of concentrated lectures and problem solving classes,
tutorials
laboratories
test of basic material (Block Tests & Adaptive Tutorial exercises)

In the UNSW examination week, the MMAN2400 exam will include more questions covering the whole course.