



UNSW

Course Outline

Semester 1 2015

GSOE9820

Engineering Project Management

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Some students spend much more than 40 h/w, but you should aim for not less than 40 h/w on coursework for 24 UoC.

Be able to select and develop appropriate management styles to successfully complete a project;
Understand project evaluation and control.

Graduate attributes

<https://my.unsw.edu.au/student/atoz/GraduateAttributes.html>

UNSW aspires to develop graduates who are rigorous scholars, capable of leadership and professional practice in a global community. The university has, thus, articulated the following Graduate Attributes as desired learning outcomes for ALL UNSW students.

UNSW graduates will be

1. Scholars who are:
 - (a) understanding of their discipline in its interdisciplinary context
 - (b) capable of independent and collaborative enquiry
 - (c) rigorous in their analysis, critique, and reflection
 - (d) able to apply their knowledge and skills to solving problems
 - (e) ethical practitioners
 - (f) capable of effective communication
 - (g) information literate
 - (h) digitally literate
2. Leaders who are:
 - (a) enterprising, innovative and creative
 - (b) capable of initiating as well as embracing change
 - (c) collaborative team workers
3. Professionals who are:
 - (a) capable of independent, self-directed practice
 - (b) capable of lifelong learning
 - (c) capable of operating within an agreed Code of Practice
4. Global Citizens who are:
 - (a) capable of applying their discipline in local, national and international contexts
 - (b) culturally aware and capable of respecting diversity and acting in socially just/responsible ways

In this course, you will be encouraged to develop these graduate attributes by undertaking the selected activities and knowledge content. These attributes will be assessed within the prescribed assessment tasks.

You will be supported in developing the above attributes through:

- (i) the design of academic programs;
- (ii)

community issues. They do not simply reiterate the texts, but build on the lecture topics using examples taken directly from industry to show how the theory is applied in practice and the details of when, where and how it should be applied.

Web-based activities are designed to provide you with the opportunity to put your learning into practice and allow you to strengthen your understanding of key concepts.

5. ASSESSMENT

General

You will be assessed by way of short web-based activities and an examination, both of which involve calculations and descriptive material.

Examination

There will be a single three (3) hour examination at the end of the semester, covering all material of the whole semester.

You will need to provide your own calculator, of a make and model approved by UNSW, for the examination. The list of approved calculators is shown at <https://student.unsw.edu.au/exam-approved-calculators-and-computers>

