



School of Civil and Environmental Engineering

Term 1, 2020

ENGG1000 Engineering Design And Innovation

CIVIL AND ENVIRONMENTAL ENGINEERING PROJECTS

COURSE DETAILS

Monday 1400 to 1500 / 1500 to 1600 hrs
 Thursday 1400 to 1500 / 1500 to 1600 hrs

Monday All students (weeks 1& 2 only) Clancy Aud./CLB7

Monday All CVEN Projects (weeks 7 – 9) Law Theatre
 Thursday All CVEN Projects (weeks 2 – 9, excl. 6) Clancy Auditorium

Monday Project 01 – Shock Resistant Buildings Law Theatre
 Project 02 – Sustainable Water in Walgett OMB 229
 Project 03 – Surfing the Ocean Energy Wave Valentine Annexe 121
 Project 04 – Mapping with Drones Col. LG02

Following group formation on Thursday of week 2, Project Teamwork rooms each Monday afternoon (commencing in week 3) will be allocated.

Sustainable Design Discussion Group rooms will be allocated by the Lecturer during the first lecture on Thursday of Week 4

Professor Ian Turner
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Dr Bojan Tamburic
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INFORMATION ABOUT THE COURSE

This course is an entry point into the disciplines of engineering for students in their first year at UNSW. The course has an emphasis on design and communications and is intended to provide UNSW engineering students with an engaging “first year experience” while facilitating peer networking and developing their interest in the field of engineering.

In the Civil and Environmental Engineering programmes, in addition to a major

project plan (106-570) and 06.4 (w) 183 (1046.869) 1071.6 (nd) E413.218 ((,)) 11.7.034.813W) 10j9(00)10)10)9)6m) 4.6d0.

TEACHING STRATEGIES

Teaching consists of a series of integrated lectures and teamwork/discussion groups designed to introduce you to the engineering profession, in general, and civil and environmental engineering, in particular, through the study of engineering projects; to give context to the meanings of Civil and Environmental Engineering, the role and practices of Engineers in the profession and their professional responsibilities; to develop communications skills including technical report writing, technical drawing and teamwork. Key lectures are given on the role and responsibility of engineers to the community including progress towards a sustainable future.

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