



School of Civil and Environmental Engineering

Term 1, 2020

ENGG1000 Engineering Design And Innovation

CIVIL AND ENVIRONMENTAL ENGINEERING PROJECTS

COURSE DETAILS

Units of Credit	6		
Lectures/Teamwork	Monday	1400 to 1500 / 1500 to 1600 hrs	
	Thursday	1400 to 1500 / 1500 to 1600 hrs	
Eng. Faculty Lectures	Monday	All students (weeks 1& 2 only)	Clancy Aud./CLB7
CivEng Common Lectures	Monday	All CVEN Projects (weeks 7 – 9)	Law Theatre
	Thursday	All CVEN Projects (weeks 2 – 9, excl. 6)	Clancy Auditorium
CivEng Project Lectures (weeks 3 – 5)	Monday	Project 01 – Shock Resistant Buildings Project 02 – Sustainable Water in Walgett Project 03 – Surfing the Ocean Energy Wave Project 04 – Mapping with Drones	Law Theatre OMB 229 Valentine Annexe 121 Col. LG02
Teamwork/Discussion Group Rooms	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		

School Coordinator:

Professor Ian Turner
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assisted by (first point of contact):

Dr Mitchell Harley
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Project Coordinators:

Project 1: Shock Resistant Buildings

Dr. Daniel O'Shea
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Project 2: Sustainable Water in Walgett

Assoc. Professor Lucy Marshall
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Project 3: Surfing the Ocean Energy Wave

Professor Ian Turner
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Project 4: Mapping with Drones

Professor Nancy Glenn
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Computer Aided Design (CAD)

Dr Neeraj Saxena
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Sustainable Design

Dr Bojan Tamburic
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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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