

421-680 Engineering for Sustainable Environments

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: February, - Taught on campus. Intensive
Time Commitment:	Contact Hours: 36 hours of lectures, site visit and syndicate work held as an intensive one-week course prior to the commencement of Semester 1 with ongoing group work until mid Semester 1; Non-contact time commitment: 84 hours Total Time Commitment: 120 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	An Engineering undergraduate degree
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>
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Subject Overview:	Lectures, syndicate work and excursions examining the role of engineering in sustainable development. Themes covered include the relationships and role of the engineer between business, government, society and the environment. Case studies selected from supply chains, water resources, transport, urban development will be used to examine issues such as resource depletion, unsustainable practices, successful & unsuccessful regulatory practices, and measurement & reporting of progress towards sustainability.
Objectives:	On successful completion, students will be able to: # describe, analyse and communicate the role of engineering in the provision of a sustainable world
Assessment:	One assignment of 5,000 words and two 300-word reviews of colleague's assignments.
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Notes:	This subject replaces: 421-680 Engineering for Sustainable Environments
Related Course(s):	Graduate Diploma in Engineering (Environmental Engineering)

Master of Development Technologies
Master of Engineering Project Management
Master of Engineering Science (Environmental Coursework)
Master of Engineering Structures
Master of Environmental Engineering
Master of Water Resource Management