421-680 Engineering for Sustainable Environments

Credit Points:	12.500
Level:	Graduate/Postgraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: 36 hours of lectures and syndicate work held as an intensive one-week course prior to the commencement of Semester 1; Non-contact time commitment: 84 hours Total Time Commitment: Not available
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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. 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
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.
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
Generic Skills:	On successful completion, students will be able to: # describe, analyse and communicate the role of engineering in the provision of a sustainable world
Related Course(s):	Graduate Certificate in Engineering (Environmental Engineering) Graduate Diploma in Engineering (Environmental Engineering) Master of Development Technologies Master of Engineering Project Management Master of Engineering Structures Master of Environmental Engineering Master of Utilities Management Master of Water Resource Management