

CVEN90057 Integrated Design (Construction)

Credit Points:	12.50						
Level:	9 (Graduate/Postgraduate)						
Dates & Locations:	This subject is not offered in 2013.						
Time Commitment:	Contact Hours: 36 hours, comprising one 2- hour lectures and one 1- hour tutorial per week Total Time Commitment: 120 hours						
Prerequisites:	Students are required to obtain permission from the course coordinator to undertake this subject						
Corequisites:	None						
Recommended Background Knowledge:	None						
Non Allowed Subjects:	Students cannot enrol in and gain credit for this subject and: <table border="1" data-bbox="389 712 1485 862"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>CVEN90052 Integrated Design</td> <td>Not offered 2013</td> <td>25</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	CVEN90052 Integrated Design	Not offered 2013	25
Subject	Study Period Commencement:	Credit Points:					
CVEN90052 Integrated Design	Not offered 2013	25					
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>						
Contact:	Tuan Ngo Email: dtngo@unimelb.edu.au (mailto:dtngo@unimelb.edu.au)						
Subject Overview:	This subject is intended for students who have completed the project component of CVEN90052 Integrated Design on exchange with NUS over the Summer period. Students will complete the construction engineering component of CVEN90052 Integrated Design with the student cohort enrolled in the yearlong CVEN90052.						
Objectives:	At the completion of this subject students should be able to: <ul style="list-style-type: none"> # Identify the principles and practices of construction engineering in the fields of earthworks, temporary works, pilling, surveying and basement design # Evaluate and explain the professional and ethical responsibilities relevant to engineering # Identify key construction risks and management techniques # Critically evaluate engineering literature and write concise reports from that evaluation # Develop a range of strategies and choose a preferred strategy that satisfies sustainability requirements # Describe the roles of design, investigation and construction practices in the field of construction engineering 						
Assessment:	One 2000 word research report, due in week 10 (20%) One 2000 word technical assignment, due in week 12 (15%) One two hour examination, end of semester (65%)						
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:	<ul style="list-style-type: none"># Professional report writing with correct referencing# Engineering research and literature review# Engineering option assessment# Practical thinking for engineering construction projects