

ENGM40001 Management for Engineers 3

Credit Points:	12.50								
Level:	4 (Undergraduate)								
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.								
Time Commitment:	Contact Hours: Thirty-six hours of lectures, twelve hours of practice classes and tutorials. Total 48 hours. Total Time Commitment: 120 hours								
Prerequisites:	The prerequisite for this subject is								
	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>421-255 Management for Engineers 1</td> <td>Not offered 2010</td> <td></td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	421-255 Management for Engineers 1	Not offered 2010	
Subject	Study Period Commencement:	Credit Points:							
421-255 Management for Engineers 1	Not offered 2010								
Corequisites:	None								
Recommended Background Knowledge:	None								
Non Allowed Subjects:	Completion of the following subject will assist with learning in this subject								
	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>421-355 Management for Engineers 2</td> <td>Not offered 2010</td> <td></td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	421-355 Management for Engineers 2	Not offered 2010	
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421-355 Management for Engineers 2	Not offered 2010								
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/								
Coordinator:	Prof Graham Hutchinson								
Contact:	Melbourne School of Engineering Ground Floor Old Engineering Building #173 The University of Melbourne VIC 3010 AUSTRALIA General telephone enquiries + 61 3 8344 6703 + 61 3 8344 6507 Facsimiles + 61 3 9349 2182 + 61 3 8344 7707 Email: eng-info@unimelb.edu.au (mailto:eng-info@unimelb.edu.au) (mailto:dmyoung@unimelb.edu.au)								
Subject Overview:	<ol style="list-style-type: none"> 1 Project management concepts including feasibility studies based on triple bottom line, project financing, strategic planning, cash flow and cost control, environmental/social considerations, standards and practices. 2 Estimating and tendering engineering construction works, including work breakdown structures, work method statements, risk identification and tendering principles. 3 Detailed study of contract documents for design and construction including various party responsibilities and authorities and contract administration. 4 Human resource skills including employment agreements and Occupational Health and Safety practices. 								

Objectives:	On completion of this subject, students should have gained an understanding of the project and construction management aspects involved with the delivery of an engineering structure.
Assessment:	One 3-hour end of semester examination (70%) One 4000 word assignment (30%)
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:	Ability to function effectively as an individual and in multi-disciplinary and multi-cultural teams, with the capacity to be a leader or manager as well as an effective team member.
Notes:	The subject will be last offered in 2010
Related Course(s):	Bachelor of Engineering (Civil Engineering) Bachelor of Engineering (Civil) and Bachelor of Arts Bachelor of Engineering (Civil) and Bachelor of Commerce Bachelor of Engineering (Civil) and Bachelor of Laws Bachelor of Engineering (Civil) and Bachelor of Science Bachelor of Engineering (EngineeringManagement) Civil Bachelor of Engineering (EngineeringManagement) Computer Bachelor of Engineering (EngineeringManagement) Electrical Bachelor of Engineering (EngineeringManagement) Environmental Bachelor of Engineering (Environmental Engineering) Bachelor of Engineering (Environmental) and Bachelor of Arts Bachelor of Engineering (Environmental) and Bachelor of Science