

421-405 Management for Engineers 3

Credit Points:	12.50
Level:	4 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: Thirty-six hours of lectures, twelve hours of practice classes and tutorials. Total Time Commitment: Not available
Prerequisites:	421-255 Management for Engineers 1 and 421-355 Management for Engineers 2, or equivalents
Corequisites:	None
Recommended Background Knowledge:	None
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:	<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%) and a 4000 word assignment (30%).
Prescribed Texts:	None
Recommended Texts:	Information Not Available
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:	This subject replaces: 421-405 Management for Engineers 3
Related Course(s):	<ul style="list-style-type: none"> 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 Graduate Diploma in Engineering (Engineering Management) Graduate Diploma in Engineering (Engineering Project Management)