

## 421-355 Management for Engineers 2

<b>Credit Points:</b>	12.50
<b>Level:</b>	3 (Undergraduate)
<b>Dates &amp; Locations:</b>	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: Thirty-six hours of lectures and twelve hours of practice classes. Total Time Commitment: Not available
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	<p>&lt;p&gt;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.&lt;/p&gt; <p>&lt;p&gt;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: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p> </p>
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<b>Contact:</b>	Professor Graham Hutchinson Department of Civil and Environmental Engineering Tel: +61 3 83446690 Email: g.hutchinson@civenv.unimelb.edu.au
<b>Subject Overview:</b>	<p>On completion of this subject students should have an appreciation of the legal, economic and financial framework within which engineers must practise and the effect these factors play in planning an engineering project.</p> <p>Engineering decision making within the framework of macro and microeconomics, supply and demand, budgetary and monetary policy.</p> <p>Financial evaluation and analysis, and accounting principles, ledgers, profit and loss statements, balance sheets applied to engineering systems. Financial evaluation of Research and Development and technological innovation.</p> <p>Introduction to law, contract, tort, project delivery systems and engineering contracts, liability and intellectual property corporations law, environmental law. An introduction to systems management, systems analysis, mathematical and linear programming.</p>
<b>Objectives:</b>	-
<b>Assessment:</b>	One three-hour written examination (70%) and assignments totalling not more than 5000 words, or equivalent (30%).
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>

<b>Generic Skills:</b>	# understanding of professional and ethical responsibilities and commitment to them
<b>Notes:</b>	This subject replaces: CVEN30007 - Technoeconomic Decision Making
<b>Related Course(s):</b>	<p>Bachelor of Engineering (Civil Engineering)          Bachelor of Engineering (Civil) and Bachelor of Arts          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 (EngineeringManagement) Software          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)</p>