

# 421-255 Management for Engineers 1

<b>Credit Points:</b>	12.500
<b>Level:</b>	Undergraduate
<b>Dates &amp; Locations:</b>	2008, 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, 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;         &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>
<b>Coordinator:</b>	Colin Duffield
<b>Subject Overview:</b>	<p>On completion of this subject students should understand:</p> <ul style="list-style-type: none"> <li># the relevance of the discipline of management to engineering and some core techniques of management, including programming and scheduling;</li> <li># origins and development of Australian engineering organisations, the engineer and professional practice, professional ethics and engineers, the functions of the professional societies, engineers in government-national, state and local;</li> <li># case studies in engineering practice and technological innovation discussing the management process, embracing planning, organisation, leadership and control of human, physical and financial resources in public and private sector;</li> <li># engineering management including responsibility, authority, human relations, industrial relations, quality and environmental management systems including consideration of the ISO 9000 and 14000 series requirements.</li> </ul>
<b>Assessment:</b>	One written end of semester examination 3-hours (70%) and assignments totalling 4000 words (30%) due throughout the semester.
<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>	Information Not Available
<b>Related Course(s):</b>	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) Chemical  
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 Commerce  
Bachelor of Engineering (Environmental) and Bachelor of Laws  
Bachelor of Engineering (Environmental) and Bachelor of Science  
Bachelor of Geomatic Engineering  
Graduate Certificate in Engineering (Engineering Management)  
Graduate Diploma in Engineering (Engineering Management)