

# 761EM Master of Engineering Management

<b>Year and Campus:</b>	2011 - Parkville																
<b>CRICOS Code:</b>	054325K																
<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>Level:</b>	Graduate/Postgraduate																
<b>Duration &amp; Credit Points:</b>	100 credit points taken over 12 months full time. This course is available as full or part time.																
<b>Coordinator:</b>	Dr Alan J. R. Smith																
<b>Contact:</b>	Melbourne School of Engineering <a href="mailto:eng-info@unimelb.edu.au">eng-info@unimelb.edu.au</a> ( <a href="mailto:eng-info@unimelb.edu.au">mailto:eng-info@unimelb.edu.au</a> ) <a href="http://www.eng.unimelb.edu.au">http://www.eng.unimelb.edu.au</a> ( <a href="http://www.eng.unimelb.edu.au">http://www.eng.unimelb.edu.au</a> )																
<b>Course Overview:</b>	<p>The Master of Engineering Management has been designed to bridge the business knowledge gap between engineering, technology and management</p> <p>It equips the Engineer or Scientist with the skills required at management levels of technology based enterprise. It provides the financial, investment evaluation and business skills necessary to operate in diverse areas of technology and in the rapidly expanding and changing market place</p> <p>This postgraduate program will enable you to acquire an overview of the legal, commercial, marketing and human issues that a manager needs in a technical environment</p>																
<b>Objectives:</b>	<p>A graduate of the program should have:</p> <ul style="list-style-type: none"> <li># Advanced knowledge of international social systems and the regulatory role that managers of technological enterprises play in society</li> <li># Advanced working skills in the application of computers, software and new technologies relevant to management of technological enterprises</li> <li># Advanced awareness of social, cultural and environmental responsibilities of managers of technological enterprises for sustainable outcomes</li> <li># A sound attitude for undertaking life-long learning in technical and management fields</li> <li># A well developed capacity to engage with technical and socio-economic issues in contemporary society</li> <li># A well developed capacity to understand and participate in a multi-disciplinary and multi-cultural team environment as either a leader or a technical support specialist</li> </ul>																
<b>Course Structure &amp; Available Subjects:</b>	The Master of Engineering Management is a <b>100 Point Program</b> . The structure is shown (below), there are four compulsory subjects																
<b>Subject Options:</b>	<p><b>Core Subjects (50 points)</b> The following 4 subjects are course requirements</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ENGM90010 Management of Technological Enterprises</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>MCEN90010 Finance &amp; Human Resources for Engineers</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ECON90015 Managerial Economics</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>MGMT90030 Managing Innovation and Entrepreneurship</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p><b>Selective Subjects (50 points)</b> Select 4 subjects (or 3 in the case of the Research Project) from the list <i>Subject to approval from the course coordinator one subject may be taken from any other graduate program within the University</i></p>		Subject	Study Period Commencement:	Credit Points:	ENGM90010 Management of Technological Enterprises	Not offered 2011	12.50	MCEN90010 Finance & Human Resources for Engineers	Semester 1	12.50	ECON90015 Managerial Economics	Semester 1, Semester 2	12.50	MGMT90030 Managing Innovation and Entrepreneurship	Semester 1, Semester 2	12.50
Subject	Study Period Commencement:	Credit Points:															
ENGM90010 Management of Technological Enterprises	Not offered 2011	12.50															
MCEN90010 Finance & Human Resources for Engineers	Semester 1	12.50															
ECON90015 Managerial Economics	Semester 1, Semester 2	12.50															
MGMT90030 Managing Innovation and Entrepreneurship	Semester 1, Semester 2	12.50															

	<b>Subject</b>	<b>Study Period Commencement:</b>	<b>Credit Points:</b>
	CVEN90047 Research Project	Not offered 2011	25
	CVEN90043 Sustainable Infrastructure Systems	Not offered 2011	12.50
	ENGM90007 Project Management Practices	Not offered 2011	12.50
	ENGR90021 Engineering Communication	Semester 1, Semester 2	12.50
	CVEN90045 Engineering Project Implementation	Not offered 2011	12.50
	ENEN90028 Monitoring Environmental Impacts	Not offered 2011	12.50
	ENGM90006 Engineering Contracts and Procurement	Not offered 2011	12.50
	ENEN90014 Sustainable Buildings	Not offered 2011	12.50
<b>Entry Requirements:</b>	<p>The Selection Committee will evaluate the applicant's ability to pursue successfully the course using the following criteria:</p> <ul style="list-style-type: none"> <li># A four year bachelors degree in an engineering or cognate discipline with at least H3 (65%) average, or equivalent; or</li> <li># An undergraduate degree in an appropriate discipline with at least H3 (65%) average, or equivalent, and at least two years of documented professional work experience since graduation related to the degree</li> </ul> <p>The Selection Committee may conduct interviews and tests and may call for referee reports and employer references to elucidate any of the matters referred to above</p> <p><b>Language Requirements</b></p> <p>All applicants must meet the English language requirements of the University to be eligible to be offered a place Please Check the <b>University English language requirements (<a href="http://www.futurestudents.unimelb.edu.au/int/grad/english-req">http://www.futurestudents.unimelb.edu.au/int/grad/english-req</a>)</b></p> <p>If a student undertakes the The Melbourne School of Engineering's English language alternative the duration of the graduate program may be affected</p>		
<b>Core Participation Requirements:</b>	<p>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 these subjects 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: <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a></p>		
<b>Graduate Attributes:</b>	<p>The Melbourne School of Engineering has mapped the University of Melbourne graduate attributes with Engineers Australia graduate attributes and the Melbourne School of Engineering graduate attributes</p>		
<b>Notes:</b>	<p>This program is one of two engineering management programs offered by the Faculty of Engineering. You may wish to consider the other program of Engineering Project Management</p>		