

<b>MEM20 Master of Engineering Management</b>	
<p>The Master of Engineering Management is two years in duration for a full-time student. Each year consists of three Study Periods, also known as Trimesters.</p> <p><b>Core subject</b> - a compulsory subject that you must complete</p> <p><b>Elective subject</b> - a subject you must choose from the Elective Bank below</p> <p><b>Pre-requisite subject</b> - a subject you must complete before undertaking another subject</p> <p><b>This course comprises 16 subjects that you are required to complete: 10 core subjects and 6 elective subjects.</b></p> <p><b>RPL</b> - Should you have any Recognition of Prior Learning (RPL) credits that make you eligible for exemptions, please contact your Program Director to discuss further.</p>	
<p><b>How to read the below Suggested Study Pattern (as a full-time Student):</b> 8 subjects per year make up a full-time study load, following a <b>3 subjects-3 subjects-2 subjects</b> pattern across the year's three Study Periods (Trimesters).</p> <p><b>As an example:</b> Following the below pattern, the subjects in your first year would be:  <b>Your first Study Period:</b> MGT501, MGT502 and PROJ6000 (3 subjects)  <b>Your second Study Period:</b> FIN600, MGT600 and 1 elective (3 subjects)  <b>Your third Study Period:</b> MEM601 and 1 elective (2 subjects)</p> <p><b>Studying Part-Time?</b> You would still follow the below sequence from top to bottom, but with fewer subjects per Study Period.</p> <p><b>Fast-Track?</b> You can complete your course sooner by taking up to 4 subjects in each trimester.</p> <p>Any questions? Contact <a href="mailto:HelpMeEnrol@torrens.edu.au">HelpMeEnrol@torrens.edu.au</a></p>	

<b>SUGGESTED STUDY PATTERN</b>					
Year	Subject Type	Subject	Pre-requisite	Completed	
<b>YEAR 1</b>	<b>Study Period 1</b>				
	Core	MGT501	Business Environment	-	<input type="checkbox"/>
	Core	MGT502	Business Communications	-	<input type="checkbox"/>
	Core	PROJ6000	Principles of Project Management	-	<input type="checkbox"/>
	<b>Study Period 2</b>				
	Core	FIN600	Financial Management	-	<input type="checkbox"/>
	Core	MGT600	Management, People and Teams	-	<input type="checkbox"/>
	Elective	Elective 1	Choose an elective subject from the elective bank	as per subject chosen	<input type="checkbox"/>
	<b>Study Period 3</b>				
	Core	MEM601	Engineering Sustainability	-	<input type="checkbox"/>
Elective	Elective 2	Choose an elective subject from the elective bank	as per subject chosen	<input type="checkbox"/>	
<b>YEAR 2</b>	<b>Study Period 4</b>				
	Core	MEM602	Engineering Risk Management	-	<input type="checkbox"/>
	Core	MGT607	Innovation, Creativity and Entrepreneurship	<b>FIN600 must be completed prior to taking MGT607</b>	<input type="checkbox"/>
	Elective	Elective 3	Choose an elective subject from the elective bank	as per subject chosen	<input type="checkbox"/>
	<b>Study Period 5</b>				
	Core	MEM603	Engineering Strategy	-	<input type="checkbox"/>
	Elective	Elective 4	Choose an elective subject from the elective bank	as per subject chosen	<input type="checkbox"/>
	Elective	Elective 5	Choose an elective subject from the elective bank	as per subject chosen	<input type="checkbox"/>
	<b>Study Period 6</b>				
	Core	MEM604	Engineering Management Capstone	<b>All Other CORE subjects must be completed prior to taking MEM604</b>	<input type="checkbox"/>
Elective	Elective 6	Choose an elective subject from the elective bank	as per subject chosen	<input type="checkbox"/>	
<p><b>Please note</b> - not all subjects are available during each Study Period. If your suggested subjects are unavailable, please take the subject that is immediately preceding or following that subject</p>					

<b>ELECTIVE BANK Master of Engineering Management - Choose 6</b>			
Please note that where an elective requires Program Director Approval, students must complete an application form available from Student Services.			
Subject	Pre-requisite	Chosen	
MGT601	Dynamic Leadership	-	<input type="checkbox"/>
MGT602	Business Decision Analytics	-	<input type="checkbox"/>
MGT603	Systems Thinking	-	<input type="checkbox"/>
MGT604	Strategic Management	-	<input type="checkbox"/>
MGT613	Corporate Sustainability	-	<input type="checkbox"/>
PROJ6001	Integrated Project Process Management	<b>PROJ6000 must be completed prior to taking PROJ6001</b>	<input type="checkbox"/>
PROJ6002	Project Planning and Budgeting	-	<input type="checkbox"/>
PROJ6004	Contracts and Procurement	-	<input type="checkbox"/>
PROJ6005	Sustainability in Project, Portfolio and Program Management	<b>PROJ6000, PROJ6001, PROJ6002 and PROJ6003 must be completed prior to taking PROJ6005</b>	<input type="checkbox"/>
MIS500	Foundations of Information Systems	-	<input type="checkbox"/>
MIS602	Data Modelling & Database Design	-	<input type="checkbox"/>

MIS603	Microservices Architecture	-	<input type="checkbox"/>
MIS604	Requirements Engineering	-	<input type="checkbox"/>
MIS605	Systems Analysis & Design	-	<input type="checkbox"/>
MIS607	Cybersecurity	-	<input type="checkbox"/>
MIS608	Agile Project Management	<b>PROJ6000</b> must be completed prior to taking MIS608	<input type="checkbox"/>
EDU600	Enterprise Development Unit	<b>Program Director Approval Required</b>	<input type="checkbox"/>
MIS609	Data Management and Analytics	<b>MIS602</b> and <b>MIS605</b> must be completed prior to taking MIS609	<input type="checkbox"/>

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Course Learning Outcomes - MEM20 Master of Engineering Management	
<b>CLO 1</b>	Critically reflect on and evaluate ethical leadership practices and theoretical frameworks that represent sustainable engineering management.
<b>CLO 2</b>	Formulate innovative and entrepreneurial approaches to establishing strategic frameworks within technical organisations.
<b>CLO 3</b>	Critically analyse and evaluate a range of data to support complex decision-making.
<b>CLO 4</b>	Plan and implement strategic business projects to support organisational best practices.
<b>CLO 5</b>	Develop organisational strategies underpinned by contemporary management theories and organisational best practices encompassing diverse stakeholders.
<b>CLO 6</b>	Demonstrate creative problem-solving techniques underpinned by theoretical frameworks to support risk management within technical organisations.
<b>CLO 7</b>	Develop and demonstrate highly effective communication and interpersonal skills, autonomy, critical thinking, and creativity as a practitioner.