Master of Engineering Technology (METC) - MEngTech

This program is offered only to continuing students. No new admissions will be accepted. Students who are interested in this area of study should contact us.

	On-campus	External						
Start:	No new admissions	No new admissions						
Campus:	Toowoomba							
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place	Commonwealth supported place Domestic full fee paying place International full fee paying place						
Standard duration:	3 semesters full-time or 6 semesters part-time or by distance education							
Program articulation:	From: Graduate Certificate of Engineering Technology;							

Contact us

Current students	
Ask a question	
Freecall (within Australia): 1800 007 252	

If students do not meet the English language requirements they may apply to study a Univ

- Agricultural Engineering
- Civil Engineering
- Computer Systems and Telecommunications Engineering
- Environmental Engineering
- Mechanical Engineering
- Mechatronic Engineering
- Power Systems Engineering
- Structural Engineering
- Technology Management

A Transdisciplinary Engineering option is also available for students wishing to enhance their knowledge across a range of engineering disciplines

IT requirements

Access to an up-to-date computer is necessary. On-campus students can access appropriately equipped laboratories, but should consider acquisition of their own computer. External students should be able to access a computer with the following minimum standards as advised by the University. All students should have access to email and the Internet via a computer running the latest versions of Internet web browsers such as Internet Explorer or Firefox. The University has a wireless network for on-campus students' computers. In order to take advantage of this facility and further enhance their on-campus learning environment, students should consider purchasing a notebook/laptop computer with wireless connectivity. A notebook/laptop may be required for some courses.

Articulation

The Faculty of Health, Engineering and Sciences offers an articulated program of studies leading to the awards of Graduate Certificate of Engineering Technology and Master of Engineering Technology. These programs

relevant courses. Alternatively, they should enrol in the pre-requisite course(s). These courses will not contribute to the requirements for program completion.

See Enrolment Flowchart for further details.

The Master of Engineering Technology consists of 12 units of study as indicated in the following recommended enrolment patterns for each major study area. For their first term, students studying full-time on-campus will enrol in four courses from Schedule A and should include ENG8001 Engineering Research Methods.

On successful completion of four courses including ENG8001, students may choose either the Engineering Technology Studies Path or the Project and Dissertation Path. The Project and Dissertation Path will normally be available only to students who achieve a GPA of at least 5.0 across their previous courses. Full-time on-campus students taking the Project and Dissertation Path will normally enrol to do their project in their third term of study. In exceptional circumstances, the Program Co-ordinator may grant permission to take the project in the second term.

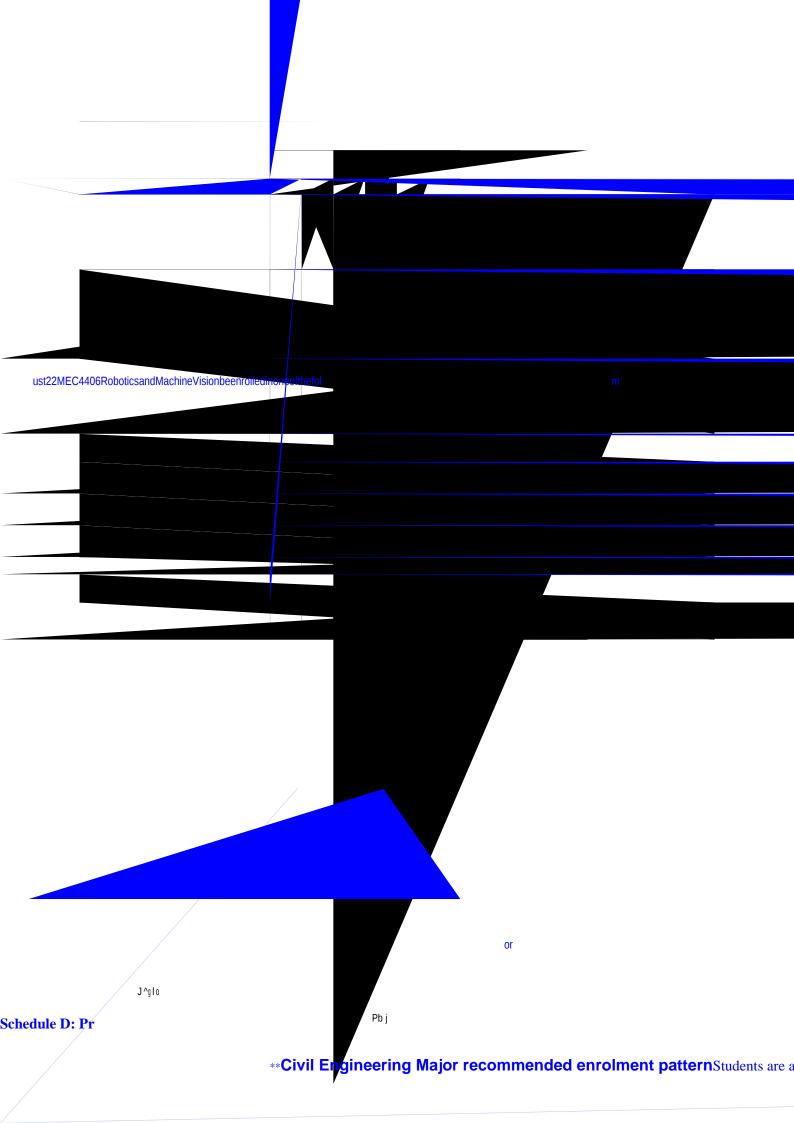
Permission to enrol in ENG8002, must be obtained from the Program Co-ordinator.

Students should note that the choice of courses for full-time, on-campus study may be limited due to timetabling constraints and that not all courses will necessarily be offered each year.

Agricultural Engineering Major recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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Computer Systems and

Environmental Engineering Major recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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Schedule D: Project and Dissertation Path										
ENG8414 Masters Engineering Research Project D**		1,2				1,2	Pre-requisite: ENG8411			

Footnotes

** Permission to enrol in this course must be obtained from the Program Coordinator.

Mechatronic Engineering Major recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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	%L Vb^0	K@& Pbj	Vb^0	JQ& Pbj	%LF Vb^0	Pbj	
Schedule A: Core Courses Students mus							s schedule:
ENG8001 Engineering Research Methods		1,2				1,2	
Schedule B: Major Courses Students r	nust c	ompl	ete at	least	seven	of th	e courses listed in this schedule:
ELE2303 Embedded Systems Design		1		1			
ELE3105 Computer Controlled Systems		1		1			Pre-requisite: ELE2103 or Students must be enrolled in one of the following Programs: GCNS or GCEN or GDNS or MEPR or MENS or METC or GEPR
ELE3305 Computer Systems and Communications Protocols		1		1			
MEC3203 Materials Tor		1		1			Pre-requisite: MEC1201 or Students must be enrolled in one of the following Programs:

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Schedule D: Project and Dissertation Path										
ENG8414 Masters Engineering Research Project D**		1,2				1,2	Pre-requisite: ENG8411			

Footnotes

The semester 3 offering of this course is offered in odd numbered years only. ÷

‡ ** The semester 3 offering of this course is offered in even numbered years only.

Permission to enrol in this course must be obtained from the Program Coordinator.

Structural Engineering Major recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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Schedule A: Core Courses Students must complete the course listed in this schedule:											
ENG8001 Engineering Research Methods		1,2				1,2					
Schedule B: Major Courses Students m	nust c	omple	ete at	least	seven	of th	e courses listed in this schedule:				
CIV3403 Geotechnical Engineering		2		2			Pre-requisite: CIV2401 or CIV2403 or Stu dents must be enrolled in one of the follow ing Programs: GCEN or METC or MEPR or GCNS or GDNS or MENS				
CIV3505 Structural Analysis		1		1			Pre-requisite: MEC2402 and (MAT1502 or ENM1600 or MAT1102) or Students must be enrolled in one of the following Programs: GCEN or METC or MEPR or GCNS or GDNS or MENS or GEPR				
CIV3506 Concrete Structures		1		1			Pre-requisite: CIV2503 or Students must be enrolled in one of the following Programs: GCEN or METC or MEPR or GCNS or GDNS or MENS				
CIV3603 Construction Methods				2							
CIV4508 Structural Design II		1		1			Pre-requisite: CIV3505 and CIV3506 or Stu dents must be enrolled in one of the follow ing Programs: GCEN or METC or MEPR or GCNS or GDNS or MENS				
ENG3103		2		2							
CIV8802 Advanced Prestressed Concrete						2					
CIV8803 Advanced Mechanics and Technology of Fibre Composites						1	Pre-requisite: CIV3506 or MEC3203 or Stu dents must be enrolled in one of the follow ing Programs: GCEN or PGCN or METC or MEPR or GCNS or GDNS or MENS or MENC or MAEN				
MEC2401 Dynamics I		2		2			Pre-requisite: ((MAT1502 or MAT1102 or ENM1600) and CIV1501) or Students must be enrolled in one of the following Programs: GCEN or GCNS or METC or MEPR or MENS or GEPR				
Schedule C: Engineering Technology S ENG8101 Technological Impact and its Management	Studi	es Pat	th	1							

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