

Graduate Certificate of Engineering Technology (GCEN) - GradCertEngTech

'This program is offered only to continuing students. No new admissions will be accepted. Students who are interested in this study area should consider the [Graduate Certificate of Engineering Practice](#) which will be offered from Semester 2, 2020.

	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:	1 semester full-time or 2 semesters part-time	

Contact us [External](#) [External](#) [External](#)

If students do not meet the English language requirements they may apply to study a University-approved [English language program](#). On successful completion of the English language program, students may be admitted to an award program.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a [student contribution amount](#), which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the [Course Fee Schedules](#).

Commonwealth Supported students may be eligible to defer their fees through a Government loan called [HECS-HELP](#).

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the [Course Fee Schedule](#)

Domestic full fee paying students may be eligible to defer their fees through a Government loan called [FEE-HELP](#) provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for [FEE-Help](#).

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the [Course Fee Schedules](#).

Program structure

The Graduate Certificate of Engineering Technology comprises four single unit academic courses as follows:

Schedule A: Two courses (two units) to be selected from the following list:

- [ENG8103 Management of Technological Risk](#)
- [ENG8104 Asset Management in an Engineering Environment](#)
- [ENG8205 Project Management Practice](#)
- [ENG8208 Advanced Engineering Project Management](#)

Schedule B: A two course specialisation (two units) to be selected from the recommended enrolment pattern.

Required time limits

Students have a maximum of 2 years to complete this program.

Specialisation

The specialisation study provides students with knowledge and skills in a specific discipline. The specialisation study areas in the Graduate Certificate of Engineering Technology are:

- Agricultural Engineering
- Civil Engineering
- Computer Systems Engineering
- Electrical and Electronic Engineering
- Environmental Engineering
- Management in Engineering
-

- Power Systems Engineering
- Structural Engineering
- Transdisciplinary Engineering

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. Students should be able to access a computer with the following [minimum standards](#). 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. Specialist software is required for some courses.

Credit

Exemptions/credit will be assessed based on the [USQ Credit and Exemption Procedure](#).

Enrolment

Candidates for admission to this program should note that some of the courses specify enrolment requirements. This may mean that successful applicants will be enrolling in courses for which they do not have sufficient pre-requisite knowledge. Applicants should refer to the [course specification](#) to determine the enrolment requirements for the courses they intend enrolling in. Graduate students will be expected to rectify any deficiencies in their pre-requisite knowledge by private study, guided if necessary by the examiners of the relevant courses. Alternatively, they should enrol in the pre-requisite course(s). These courses will not contribute to the requirements for program completion.

Agricultural Engineering specialisation recommended enr

Power Systems Engineering specialisation 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.

Specialisation: Power Systems Engineering (Specialisation Study Code: 15638)							
Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
<p>Schedule A: Students must complete two of the courses listed in this schedule.</p>							
BKD5/-1 >ppbq J^k^db j bkq fk ^k Bkdfkbbbfkd Bksf0lk j bkq		.				.	
BKD5/-5 >as^k`ba Bkdfkbbbfkd Molqb`q J^k^db j bkq		.				.	
BKD5/-0 J^k^db j bkq lc 4281k df`^i Ofph		/				/	
BKD5/-2 Molqb`q J^k^db j bkq Mo^`qf`b		/				/	
<p>Schedule B: Technical courses Students must complete two of the courses listed in this schedule.</p>							
BIB/0-0 B j _baaba Pvpqb j p Abpfdk		.				.	
BIB05-1 MI tbo Pvpqb j p Molqb`qfIk						Mob*obnrftqb7 BIB.5-. lo Pqrabkqp j rpq_b bkoIiiba fk lkb lc qeb cliil tfkd Mol do^ j p7 D@BK lo JBQ@ lo JBMO lo D@KP lo DAKP lo JBKP	
BKS//-. l^ka Pqrafbp		.				.	
BIB/.-. @lkqoli ^ka Fkppor j bkq`qfIk		/				/ Mob*obnrftqb7 BKJ.2-- lo BKJ.3-- lo Pqrabkqp j rpq_b bkoIiiba fk lkb lc qeb cliil tfkd Mol do^ j p7 JBMO lo D@BK lo DBMO	
BIB/2-1 Bib`qo l kf` Abpfdk ^ka >k^ivpfp		/				/ Mob*obnrftqb7 BIB.2-/ lo Pqrabkqp j rpq_b bkoIiiba fk lkb lc qeb cliil tfkd Mol do^ j p7 JBMO lo DAKP lo JBKP lo D@KP lo D@BK lo DBMO	
BIB0.-4 Pfdk^i Mol`bppfdk		/				/	
BIB02-3 Bib`qo l kf` Jb^prob j bkq		/				/ Mob*obnrftqb7 %BIB.2-/ ^ka %BIB/.-. lo BIB/.-0& ^ka %BIB/2-0 lo BIB/2-1&& lo Pqrabkqp j rpq_b bkoIiiba fk lkb lc qeb cliil tfkd Mol do^ j p7 D@BK lo JBQ@ lo JBMO lo JBKP	

Structural Engineering specialisation 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.
