

Master of Engineering Practice (MEPR) - MEngPrac

Programs at USQ regularly undergo a comprehensive re-accreditation process to assure their relevance and quality. This program is currently being re-accredited and, as a consequence, is likely to undergo some changes. Full details will be made available when it is approved. If you have any questions, please [contact us](#).

- critically analyse, reflect and synthesise information to interpret and transmit knowledge, skills and ideas to a variety of professional and non-professional audiences
- meet eligibility to apply for Stage 1 Professional Engineer membership of Engineers Australia and to benchmark competency attributes to Engineers Australia Stage 2 Experienced Professional Engineer.

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 09. Graduates at this level will have specialised knowledge and skills for research, and/or professional practice and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Completion of an Australian university three year Bachelor degree in the area of engineering science or engineering technology in the relevant cognate major or equivalent and a minimum of five years' professional work experience, or equivalent.^{#*}
- English Language Proficiency requirements for Category 3.
- must be an Australian citizen or permanent resident of Australia, or a citizen of New Zealand or the holder of a 457 visa with a duration of at least three years. Note: This program is not available to international on-campus students.

Candidates may be admitted on the basis of professional registration as a Technologist Member of Engineers Australia. Candidates must be able to demonstrate that they have at least five years of relevant and significant engineering experience usually after graduation and are required to pro

Domestic full fee paying students may be eligible to defer their fees through a Government loan called

Prospective students should visit the Engineers Australia web site to gain an understanding of the processes which will be followed. In particular, they should view the Stage Two Competencies and the guidelines for achieving Chartered status.

The Workplace Portfolio and Industry Project courses

The Workplace Portfolio course and the Industry Project course are designed to enable students to develop Portfolios that will enable them to obtain credit for their achievements during their employment as an Engineering Technologist. The courses are:

- [ENG8311 Workplace Portfolio](#) (2 units)
- [ENG8308 Industry Project](#) (2 units).

The core course [ENM1600 Engineering Mathematics](#) is designed to give students the enabling skills in mathematics and problem solving needed to undertake the Technical courses in their program.

Schedule B: Five technical courses

During the preparation of their Pathway to Graduation Plan students must nominate how they are going to demonstrate achievement of the objectives of each of the **T**

Residential schools

The attendance requirement of residential schools within this degree is indicated by the following letters: V = Voluntary; O = Optional; C = Compulsory; R = Recommended; HR = Highly Recommended; M = Mandatory. Find out more about [residential schools](#), visit the [Residential School Schedule](#) to view specific dates for your degree, or visit the [Policy and Procedure Library](#).

Students are required to undertake practical and professional activities relevant to their program through enrolment in a Practice course in the program. Practice courses are zero unit courses that may be undertaken in either on-campus or external mode and the final grades available are Pass (P)/Fail (F) only. They are a compulsory part of the program and do not attract a student contribution charge for Australian residents or a tuition fee for international students. The recommended enrolment schedule for the relevant Practice course is shown in the Recommended Enrolment Pattern for the program in this Handbook.

Students who enrol in on-campus mode for Practice courses normally undertake a series of mandatory weekly activities and/or attend a mandatory residential school.

External students must attend a single mandatory residential school during their program to obtain experience in practical and professional activities appropriate to the program. The mandatory residential school is included in the Practice course which is conducted in Semester 3 or during the recess period in Semester 2. The dates for each mandatory residential school Practice course are shown in the [Residential School schedule](#) in this Handbook and external students should ensure they are able to attend the mandatory residential school prior to enrolling in a Practice course. Personal protective equipment is compulsory in many engineering, construction and spatial science laboratories, students should confirm the requirements before attending residential schools for Practice courses.

Civil Engineering

[CIV4908 Civil Design Practice](#) (mandatory)

Electrical and Electronic Engineering

[ELE3914 Electrical and Electronic Practice D](#) (mandatory)

Environmental Engineering

[ENV3904 Environmental Engineering Practice](#) (mandatory)

Mechanical Engineering

[MEC3904 Mechanical Practice 4](#) (mandatory)

Power Systems Engineering

[ELE3914 Electrical and Electronic Practice D](#) (mandatory) or [ELE3915 Electrical and Electronic Practice E](#) (mandatory)

Public Works and Infrastructure

[CIV4908 Civil Design Practice](#) (mandatory)

Structural Engineering

[CIV4908 Civil Design Practice](#) (mandatory)

Exit points

Students may apply to transfer to the [Bachelor of Engineering \(Honours\)](#) program and may apply to have the courses completed in the Master of Engineering Practice program credited to their new program.

Credit

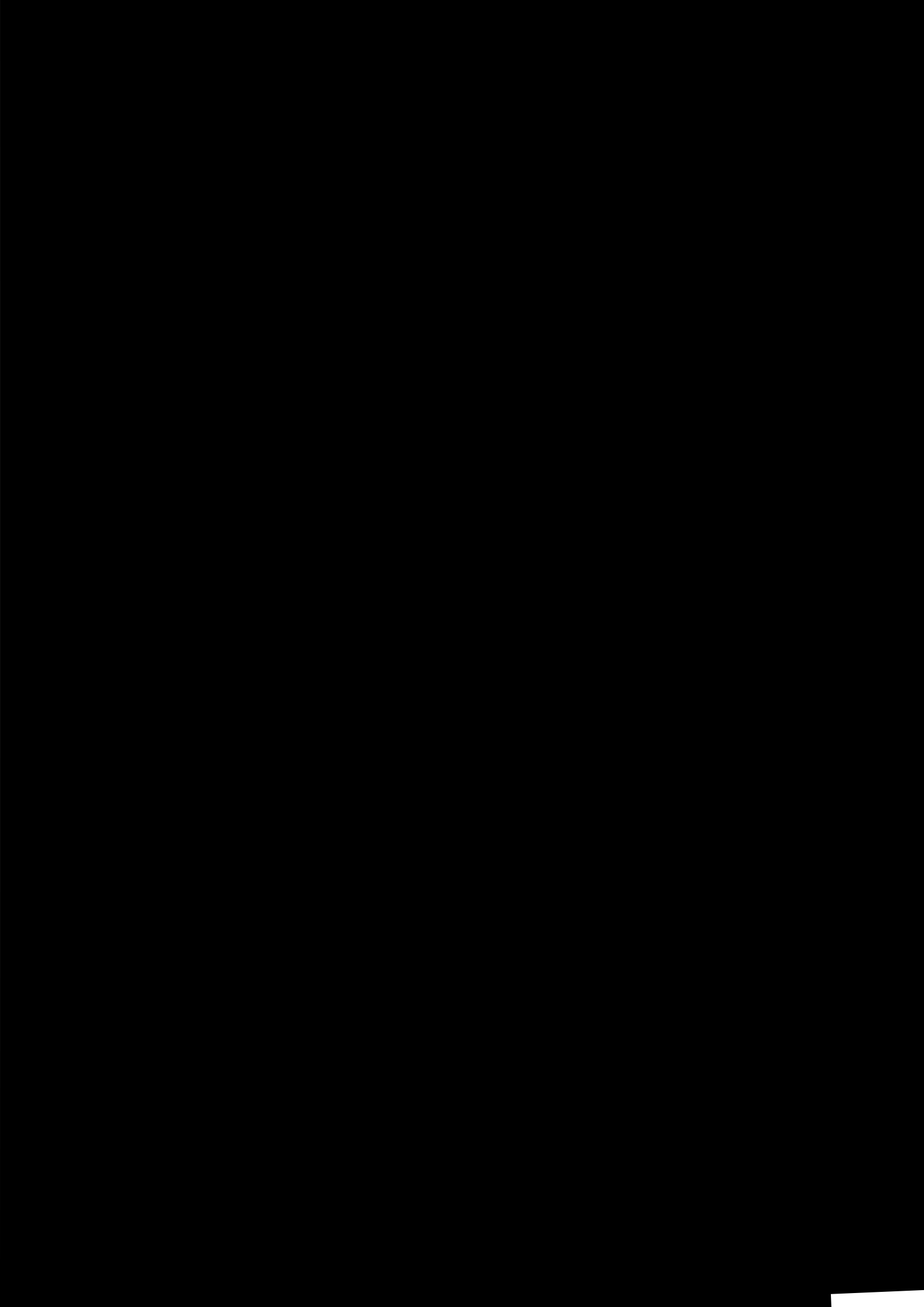
Exemptions/credit will be assessed based on the [USQ Credit and Exemption Procedure](#).

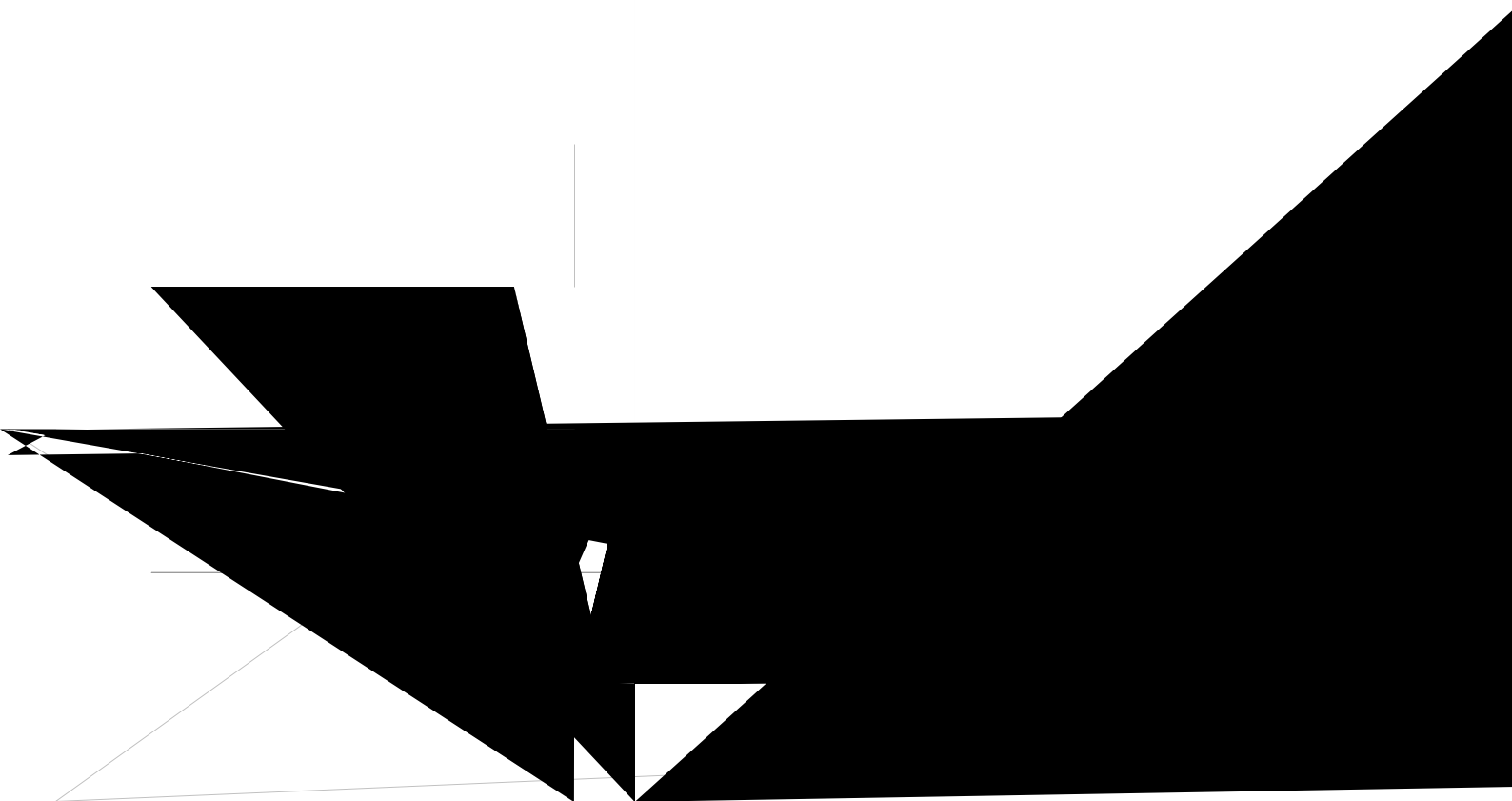


Specialisation: Electrical and Electronic Engineering (Specialisation Study Code: 15210)

Course	Year of program and semester in which course is normally studied						Enrolment requirements	Comments
	On-campus (ONC)		External (EXT)		Online (ONL)			
	Year	Sem	Year	Sem	Year	Sem		
ENG8308 Industry Project						2,3	Pre-requisite: ENG8300 or ENG8300A or ENG8300B. Students must be in the following program: MENC or MAEN	2 units
ENM1600 Engineering Mathematics		1,2				1,2		
Select one of the following three courses:								
ENG8104 Asset Management in an Engineering Environment		1				1		
ENG8208 Advanced Engineering Project Management		1				1		
ENG8205 Technology Management Practice		2				2		
Schedule B: Technical Courses Students must demonstrate achievement of the objectives of each of the courses in this schedule, this can be achieved by course study or addressing the course objectives within the W								

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Specialisation: Structural Engineering (Specialisation Study Code: 15213)								
Course	Year of program and semester in which course is normally studied						Enrolment requirements	Comments
	On-campus (ONC)		External (EXT)		Online (ONL)			
	Year	Sem	Year	Sem	Year	Sem		
Schedule C: One Practice Course Students must complete the practice course.								
CIV4908 Civil Design Practice				2			Pre-requisite: CIV4508 or S students must be enrolled in one of the following Program s: MEPR or GDNS or MENS	