



MEM30505 CERTIFICATE III IN ENGINEERING-TECHNICAL

CRICOS COURSE CODE 091730A

COURSE OVERVIEW

Gain the essential technical skills to have an exciting career in the ever growing Engineering Technology industry.

Advanced engineering and manufacturing technologies form the basis of future innovation in industry. This qualification provides the skills and knowledge required to implement innovative technologies within industry, operating in both global and local contexts. Learn the practical skills and knowledge to carry out technical support functions in mechanical engineering research and design.

This qualification incorporates practical projects that can be used to build an industry work portfolio providing you the platform from which to launch your career. You will have access to specialised workshops and equipment that provide you with a realistic study environment to prepare you for employment.

JOB PROSPECTS

CAD/Drafting, Technicians

ENTRY REQUIREMENTS

- Completion of Year 12 or equivalent.
- Non school-leavers are selected according to eligibility and merit, vocational experience, previous study and personal competencies.
- English language requirements: IELTS 5.5 (with no individual band less than 5.0) or equivalent, or Site Institute pre-admission test level 4.

DURATION

- 26 weeks

INTAKES 2022

- 24 January
- 18 April
- 11 July
- 03 October

**INDUSTRY CONNECTED.
FUTURE FOCUSED.**

Level 2, 488 Queen Street, Brisbane, QLD 4000

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CRICOS Provider Code 03475G si.edu.au

PATHWAYS

The Certificate III in Engineering – Technical provides a foundation for higher level engineering-related qualifications including the Diploma of Engineering – Technical.

RECOGNITION OF PRIOR LEARNING

Recognition of Prior Learning (RPL) is available for each Unit of Competency, based on your relevant workplace experience, formal training, or other expertise. RPL is a process that assesses your competency—acquired through formal and informal learning—to determine if you meet the requirements for a unit of study.

You can use a variety of documentation to apply for RPL, including but not limited to records of completed training, assessment items, assessment records, declarations from your employer, and/or a copy of your student records provided by ASQA.

When applying for this course, please indicate whether you intend to apply for RPL. Please note that if RPL or course credit is granted, the course length will be reduced, and a Confirmation of Enrolment (CoE) will be issued only for the reduced duration of the course.

UNITS OF COMPETENCY (10)

- MEM30012A** Apply mathematical techniques in a manufacturing, engineering or related environment
- MEM30005A** Calculate force systems within simple beam structures
- MEM16008A** Interact with computing technology
- MEM09002B** Interpret technical drawing
- MEM30031A** Operate computer-aided design (CAD) system to produce basic drawing elements
- MEM16006A** Organise and communicate information
- MSAENV272B** Participate in environmentally sustainable work practices
- MEM30032A** Produce basic engineering drawings
- MEM30007A** Select common engineering materials
- MEM30033A** Use computer-aided design (CAD) to create and display 3-D models

COURSE CREDIT

Our nationally endorsed qualifications comprise of Units of Competency approved by the governing authority, ASQA. You are not required to repeat any Unit of Competency for which you have already been assessed as Competent, unless a regulatory requirement or licence condition (including an industry licensing scheme) requires this.

When applying for this course, please provide suitable evidence if you have successfully completed a Unit of Competency at any other RTO, for which we will provide credit for the Unit.

*Information current at time of printing. Units may be subject to change.

August 2021

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