

MEM20413 Certificate II in Engineering Pathways



DESCRIPTION

This qualification applies to a learning and assessment environment where access to structured on-the-job learning in a workplace may not be available. This qualification is only for delivery in learning institutions.

The qualification is intended for people interested in exposure to an engineering or related working environment with a view to entering into employment in that area. This qualification will equip graduates with knowledge and skills which will enhance their prospects of employment in an engineering or related working environment.

ELIGIBILITY/ENTRY REQUIREMENTS

There are no entry requirements for this qualification. Available for direct entry.

To ensure you have the right skills and support to succeed in your course, a Language, Literacy and Numeracy (LL&N) evaluation helps identify any areas where you may need additional support to help you achieve your goals.

DELIVERY DETAILS

Location(s)	Duration*	Study mode
Casuarina, Alice Springs	8 weeks full time.	Face to face theory, and simulated workshop practice

* Duration will vary depending upon how long a student takes to reach the required competency level.

2022 FEES

The 2022 indicative fee for this course is between \$540.00 - \$630.00 for eligible students and receive an NT Domestic Subsidised place or between \$7,200.00 - \$8,400.00 for Domestic Full fee places. Actual fees will vary according to your choice of units.

Please note: A limited number of NT Government subsidy places are available for eligible NT domestic students, so contact us now to secure your place for 2022.

Fees are subject to change annually. Indicative government-subsidised and full course fees are shown on this document. For further clarification and information on fees, payment options, instalment plans, and refunds, contact CDU on 1800 061 963 or refer to [VET Fees and Payments](#).

ASSESSMENT

Assessments vary with each unit. You will be provided with an assessment guide.

RECOGNITION OF PRIOR LEARNING (RPL)

RPL is a process that determines whether the skills, knowledge and experience you've gained through your previous study, work or life experience can count towards a vocational training qualification at CDU. For more information, [VET RPL](#).

RESOURCES

Students are issued with workbooks and handouts for the duration of the course.

STUDY AND CAREER PATHWAYS

Further training pathways from this qualification include but are not limited to MEM30319 Certificate III in Engineering – Fabrication Trade, MEM30219 Certificate III in Engineering – Mechanical Trade.

Possible occupations relevant to this qualification include:

- Engineering/Manufacturing employees - Level III

QUALIFICATION CONTENT

To achieve a MEM20413 Certificate II in Engineering Pathways a total of twelve (12) units of competency must be completed comprising four (4) core and eight (8) elective units as detailed in the packaging rules and listed below. The electives offered may vary between campuses.

CORE UNITS

MEM13014A	Apply principles of occupational health and safety in the work environment
MEMPE005A	Develop a career plan for the engineering and manufacturing industry
MEMPE006A	Undertake a basic engineering project
MSAENV272B	Participate in environmentally sustainable work practices

ELECTIVE UNITS GROUP A (MINIMUM 7 GROUP A)

MEM16006A	Organise and communicate information
MEM16008A	Interact with computing technology
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations
MEMPE001A	Use engineering workshop machines
MEMPE002A	Use electric welding machines
MEMPE003A	Use oxy-acetylene and soldering equipment
MEMPE004A	Use fabrication equipment
MEMPE007A	Pull apart and re-assemble engineering mechanisms

ELECTIVES UNITS GROUP B (MAXIMUM 1 GROUP B)

MSAPMSUP106A	Work in a team
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WITHDRAWING FROM A QUALIFICATION

You may withdraw from this qualification and receive, where relevant, a Statement of Attainment for all units of competency you have successfully completed.

SUPPORT SERVICES

The University supplies support for students in many areas, including Accommodation, Careers and Employability, Counselling, Disability Services, Student Advocacy, Indigenous Tutorial Support Services, International Student Support Services, Library Services, and VET Learner Support Services.

More information is available at [Student Support](#).

CONTACT DETAILS

- E. student.central@cdu.edu.au
- T. 1800 061 963 (free call)
- W. <https://www.cdu.edu.au/study/essentials>

For further information regarding student life at CDU, please refer to <https://www.cdu.edu.au/study/student-life>.