

# MEM20105 Certificate II in Engineering



## DESCRIPTION

This qualification covers the skills and knowledge required of workers employed as Engineering/manufacturing Employees -Level III as defined in the Manufacturing and Associated Industries and Occupations Award or in related industries where Engineering/ Manufacturing Employees work.

The qualification has been specifically developed to reflect the minimum training requirement specified in the Award for employment in the above occupation. The qualification packaging has been developed on an assumption that competency will be developed through a combination of on and off-the-job learning strategies such as those delivered through a formal traineeship. The qualification may also be achieved through formal skills recognition assessment processes.

Infection control, including COVID-19 measures and the associated restrictions, have been implemented to ensure the safety and well-being of students, lecturing staff and the wider community.

## ELIGIBILITY/ENTRY REQUIREMENTS

There are no qualification entry requirements for this qualification.

Students will need to demonstrate an appropriate level of language, literacy and numeracy skills and knowledge to undertake a course at this level.

## DELIVERY DETAILS

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

## 2020 FEES

This course has a total of 370 hours, and thus the qualification cost is:

NT Domestic Subsidised Fees: \$1,258.00

Domestic Full Fees: \$7,215.00

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 2020.

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 <https://www.cdu.edu.au/cdu-vet/student-guide/fees>

## ASSESSMENT

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

## RECOGNITION OF PRIOR LEARNING (RPL)

Students can apply for RPL during pre-enrolment or after enrolment. Students are provided with an RPL Self-Assessment prior to application and followed through with and an initial interview with an assessor.

## RESOURCES

This course information flyer is not relevant to International student visa holders.

International student visa holders should visit - [www.cdu.edu.au/international/how-to-apply](http://www.cdu.edu.au/international/how-to-apply)

CRICOS Provider No. 00300K (NT/VIC) | 03286A (NSW) | RTO Provider No. 0373 | ABN 54 093 513 649

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

## STUDY AND CAREER PATHWAYS

Further training pathways from this qualification include MEM30319 Certificate III in Engineering Fabrication, MEM30219 Certificate III in Engineering, Mechanical.

Possible occupations relevant to this qualification include:

*Engineering/manufacturing Employees -Level III*

## PROGRAM CONTENT

This training program covers about 18 units of competency (dependant on the unit weighting) taken from the MEM05 Training Package which is recognised nationwide.

There are 5 core units and about 13 elective units, depending on unit weighting. The electives offered may vary between campuses.

## CORE UNITS

MEM13014A	Apply principles of occupational health and safety in the work environment
MEM14004A	Plan to undertake a routine task
MEM15002A	Apply quality systems
MEM15024A	Apply quality procedures
MEM16007A	Work with others in a manufacturing, engineering or related environment

## ELECTIVE UNITS

MSAENV272B	Participate in environmentally sustainable work practices
MEM16006A	Organise and communicate Information
MEM16008A	Interact with computing technology
MEM12024A	Perform Computations
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations
MEM05005B	Carry out mechanical cutting
MEM05007C	Perform manual heating and thermal cutting
MEM05012C	Perform routine manual metal arc welding
MEM05049B	Perform routine gas tungsten arc welding
MEM05050B	Perform routine gas metal arc welding
MEM09002B	Interpret technical drawing
MEM12023A	Perform engineering measurements

## 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

CDU provides assistance for Language, Literacy and Numeracy, Disability, Library, Professional Counselling in a wide range of personal, career, study issues and Indigenous academic support.

## COURSE CONTACT DETAILS

SCHOOL OF TRADES  
Metal Trades and Engineering  
T. 08 8946 7507  
E. [mte@cdu.edu.au](mailto:mte@cdu.edu.au)  
W. <http://www.cdu.edu.au/cdu-vet>

Alice Springs Campus  
TRADES (CENTRAL)  
T. 08 8959 5465  
E. [tradescentral@cdu.edu.au](mailto:tradescentral@cdu.edu.au)  
W. <http://www.cdu.edu.au/cdu-vet>

Refer to the **VET Student Guide** <http://www.cdu.edu.au/sites/default/files/mace/docs/VET-student-guide.pdf> for information regarding the enrolment process, student support services, student rights and responsibilities, previous studies recognition and the A-Z of other information.