

# Certificate II in Engineering Pathways MEM20413

## COURSE DESCRIPTION & PATHWAYS:

This pre-apprenticeship course provides 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.

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.

This learning program develops trade-like skills with an introduction to welding and how it can be used; machining, to produce something on a lathe and using engineering tools and equipment to produce or modify objects.

This learning program is centred around a major project.

### Core - 4 Units

MEM13015	Work safely and effectively in manufacturing and engineering	Core
MSMENV272	Participate in environmentally sustainable work practices	Core
MEMPE006A	Undertake a basic engineering project	Core
MEMPE005A	Develop a career plan for the engineering and manufacturing industry	Core

### Pre-Requisite Unit – 1 Unit

MEM11011	Undertake manual handling	Pre-Req
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### Elective Units – 7 Units\*

MEM16006	Organise and communicate information	Elective
MEM18001	Use hand tools	Elective
MEM18002	Use power tools/hand held operations	Elective
MSMSUP106	Work in a team	Elective
MEMPE002A	Use electric welding machines	Elective
MEMPE004A	Use fabrication equipment	Elective
MEMPE001A	Use engineering workshop machines	Elective
MEM16008	Interact with computing technology	Elective

### STRUCTURED WORKPLACE LEARNING:

Students also spend 140 hours in a workplace undertaking Structured Workplace Learning to gain on-the-job training and mentoring while developing their technical skills and becoming more employable.

### SACE CREDITS:

60 SACE Credits at Stage 1 as per the SACE VET Recognition Register.

### FEES:

This course is supported by the Government of South Australia and is Training Guarantee for SACE Students (TGSS) approved. Eligibility and enrolment conditions apply.

Please refer to

[www.skills.sa.gov.au](http://www.skills.sa.gov.au) for eligibility criteria.

### COURSE LOCATION:

Cardijn College Marcellin Campus  
Corner of Mander and Beach Roads,  
CHRISTIE DOWNS SA 5164

### Training Guarantee for SACE Students (TGSS)

The MEM20105 Certificate II in Engineering is supported by the Government of South Australia and is available for eligible Training Guarantee for SACE Students. Students will need to pay some incidental fees for personal items such as tools, clothing or other training materials. To be eligible for the Training Guarantee, you must be:

- Either an Australian citizen, an Australian Permanent Resident, a New Zealand citizen living in South Australia, or an eligible Visa holder.
- 16 years or over, and enrolled in SACE (or equivalent) at school and already completing, or have completed, VET or work placement that is related to your pathway.

Eligibility criteria apply, please check here:

<http://www.skills.sa.gov.au/training-learning/check-your-eligibility>

To check criteria for the Subsidised Training List, please visit:  
<http://www.skills.sa.gov.au/for-training-providers/workready-subsidies/subsidised-training-list>