



**MEM20413**

# Certificate II in Engineering Pathways



## WHAT YOU'LL LEARN

You'll gain a wide range of skills and knowledge across **engineering tasks**, with a focus on **practical activities** using **common workplace tools**.



## YOUR FUTURE OPTIONS

The skills you learn in this course will put you on the right path to become a **Fabricator, Mechanical Engineer, Fitter and Turner or a Boilermaker**.



## OUTCOMES AND CREDITS

Once you've completed all your Units of Competency, you'll receive a **MEM20413 Certificate II in Engineering Pathways** qualification. If not all Units of Competency are completed, a Statement of Attainment will be issued instead.



## ENTRY REQUIREMENTS

To complete this course, you should have a good understanding of both **English** and **General Mathematics**.



## WHAT YOU'LL NEED

To look after your safety, these items are compulsory: **steel capped boots, 100% cotton long sleeve high-vis shirt** (supplied by PEER) and long pants. No polyester blends are allowed.



## FEES

Please contact PEER for information on course fees. From **1 July 2021** school students accessing subsidised VET courses commencing from **1 January 2022** will need to undertake the **VET Readiness Orientation (VETRO)** process to meet eligibility requirements.



## WHEN

The course is held **one day a week**, from the start of Term One. The day and location of the course will depend on numbers.



## COURSE LOCATIONS

**Partnered school OR**  
**PEER Trade Training Centre**  
1042 Port Road, ALBERT PARK SA 5014

**TO ENROL:** Speak to your VET Coordinator or contact PEER [vetis@peer.com.au](mailto:vetis@peer.com.au) | **8348 1200**

**PEER RTO CODE: 7027**



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**PATHWAYS TO COURSE OUTCOMES**

## UNITS OF COMPETENCY\*

### CORE UNITS

**MEM13014A**

### UNIT TITLE

Apply principles of Occupational Health and Safety (OHS) in the work environment

**MSAENV272B**

Participate in environmentally sustainable work practices

**MEMPE005A**

Develop a career plan for the engineering and manufacturing industry

**MEMPE006A**

Undertake a basic engineering project

### ELECTIVE UNITS

### UNIT TITLE

**MEM16006A**

Organise and communicate information

**MEM18001C**

Use hand tools

**MEM18002B**

Use power tools/hand held operations

**MEMPE002A**

Use electric welding machines

**MEMPE003A**

Use oxyacetylene and soldering equipment

**MEMPE004A**

Use fabrication equipment

**MEMPE007A**

Pull apart and re-assemble engineering mechanisms

**MSAPMSUP106A**

Work in a team

\*Units of Competency may change based on packaging requirements.



### NUMBER OF SACE CREDITS

To find out what SACE credits you can receive, refer to the VET Recognition Register

[www.sace.sa.edu.au](http://www.sace.sa.edu.au)