

CHANGING PEOPLE'S LIVES.



ATEC

Adelaide Training & Employment Centre

MEM20422 CERTIFICATE II IN ENGINEERING PATHWAYS

This qualification equips participants with solid foundation skills and essential knowledge across a wide range of engineering and manufacturing tasks, strengthening their prospects for entry-level employment in fitting and turning, fabrication and welding, or general engineering. The course covers key areas such as fabrication, machining, sheet metal work, and a variety of manufacturing processes. It provides an excellent pathway into an apprenticeship, traineeship, or entry-level role within an engineering-related workplace, helping participants explore their career options in this diverse and in-demand sector.



Course Information:

Title: Engineering Pathways FIP

RTO: Adelaide Training & Employment Centre Inc.

Course Length: 2 semesters (1 Year)



Delivery Locations:

ATEC Lonsdale Skill Centre

5 Refinery Road, Lonsdale SA 5160

OR Approved Host Schools



Course Fees:

Training Fee: \$255

Materials Fee: \$440

Total/Student: \$695



Students:

Minimum of 10 students and a maximum of 15 per class



Orientation Details:

Orientation is undertaken on the first training day.



Contact Person:

Applications and enquiries can be made to **Nick Soulsby**, ATEC Supervisor - VET in Schools.

Email: nicks@atec.asn.au

Phone: 0403 050 571



Entry Requirements:

- Have a genuine interest in an engineering-related pathway
- Have the physical ability to perform practical fabrication skills.
- Have the ability to read, write and understand basic English and carry out basic mathematical calculations
- Be able to commit to the course duration and time commitment.
- Students will be required to complete a Language, Literacy, Numeracy (LLN) suitability review prior to enrolling the training course
- VETRO (VET Readiness Orientation) must be completed prior to confirmation of enrolment in program.



SACE Details:

SACE Stage 1, 50 SACE credits

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

www.sace.sa.edu.au



PPE Requirements:

Students must supply their own steel-capped boots and appropriate, non-flammable trade pants and Hi-Vis shirts. Hi-Vis work shirts are to be worn and visible at all times while on site.

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1300 112 832

RTO Code: 0022



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Dates and Times:

Up to 38 weekly sessions at ATEC or an approved host school, one day a week from 08:45 until 15:15. School holidays are used for structured workplace learning requirements. Commencement week two of term one. Resulting in completion by week five of term four, with up to week eight if required.



Pathways:

This qualification delivers broad-based underpinning skills and knowledge in a range of engineering and manufacturing tasks, which will enhance the graduates' entry-level employment prospects for apprenticeships, traineeships or general employment in an engineering-related workplace.



Work Placement:

All students are encouraged to organize and participate in Structured Workplace Learning in industry settings. The 10 days or 70 hours of SWL should be completed by the end of Term 3 holidays.

Core Units	Unit Title
MEM13015	Work safely and effectively in manufacturing and engineering
MEMPE005	Develop a career plan for engineering and manufacturing industries
MEMPE006	Undertake a basic engineering project
MSMENV272	Participate in environmentally sustainable work practices

Elective Units	Unit Title
MEMPE002	Use electric welding machines
MEM11011	Undertake manual handling
MEMPE004	Use fabrication equipment
MEMPE007	Pull apart and re-assemble engineering mechanisms
MEM16006	Organise and communicate information
MSMSUP106	Work in a team
MEM18001	Use hand tools
MEM18002	Use power tools/hand held operations

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