

**Your pathway.
Your career.
Your choice.**

Engineering



Government of South Australia
Department for Education

studentpathways.sa.edu.au

**Student
Pathways**



Government
of South Australia
Department for Education

Engineering

Year 10

Year 11

Year 12

Study VET while you complete SACE

Traineeship / Apprenticeship (Contract of Training):

- MEM20105 Certificate II in Engineering
- MEM30119 Certificate III in Engineering – Production Systems
- MEM30219 Certificate III in Engineering – Mechanical Trade
- MEM30422 Certificate III in Engineering – Electronic Trade
- MEM30522 Certificate III in Engineering – Technical
- MEM30719 Certificate III in Marine Craft Construction
- MEM30819 Certificate III in Locksmithing
- MEM31322 Certificate III in Refrigeration and Air Conditioning
- MEM31419 Certificate III in Engineering – Fixed and Mobile Plant Mechanic
- MEM31519 Certificate III in Engineering – Toolmaking Trade
- MEM31719 Certificate III in Engineering – Casting and Moulding Trade
- MEM31922 Certificate III in Engineering – Fabrication Trade

OR

Qualifications for Institutional Delivery (off-the-job):

- MEM20422 Certificate II in Engineering Pathways (for preparation for Certificate III level)

Skills Clusters:

- Advanced Engineering

+

PLUS

Customised SACE subjects

- Pastoral care – mentoring and monitoring



Work in
your career.

Use your VET qualification to work as:

- Engineering Technician
- Locksmith
- Metal Fabricator
- Mechanical Fitter (General)
- Toolmaker
- Welder (First Class)
- Sheetmetal Worker
- Metal Casting
- Forging and Finishing Trades Worker
- Mechanical Engineering Draftsperson

Further
your career
with VET.

Study:

- MEM40119 Certificate IV in Engineering
- MEM50119 Diploma of Engineering – Advanced Trade
- MEM50322 Diploma of Jewellery and Object Design
- MEM50222 Diploma of Engineering – Technical
- MEM60222 – Advanced Diploma of Jewellery and Object Design
- MEM60122 – Advanced Diploma of Engineering

To work as:

- Engineering Tradesperson Special Class Level II
- Engineering Technician Level V
- Advanced Engineering Tradesperson Level II
- Assistant Jewellery Designer
- Technical Engineering Technician Level V
- Jewellery Designer
- Engineering Associate – Aeronautical
- Engineering Associate – Mechanical Maintenance
- Engineering Associate – Mechatronics

Further your
careers with
university.

Study at university to work in:

- Construction Manager
- Chemical Engineer
- Civil Engineer
- Electrical Engineer
- Mechanical Engineer
- Environmental Engineer
- Structural Engineer