

Engineering

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



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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
- MEA20418 Certificate II in Aeroskills
- MEA30118 Certificate III in Aircraft Surface Finishing

OR

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

- MEM20422 Certificate II in Engineering Pathways (for preparation for Certificate III level)
- MEA20418 Certificate II in Aeroskills

Skills Clusters:

- Advanced Engineering
- Advanced Aeroskills Mechanical and Avionics A
- Advanced Aeroskills Mechanical and Avionics B

+

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 career with university.

Study at university to work as:

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