

YEAR LEVEL 11**COURSE CONTACTS** Carlee Stewart**LECTURER** TAFE SA**COURSE LENGTH** Full Year**SACE CREDITS** 50 MIN (60 MAX) Stage 1**QUALIFICATION**

MEM20422 Certificate II in Engineering Pathways

COURSE STRUCTURE

One day per week over 35 weeks

COURSE OUTLINE

This qualification is intended for people interested in 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.

There are 12 competencies covering a range of engineering subjects including fabrication, machining, welding, using tools and equipment, assembling engineering mechanisms and career development. The course finishes with students undertaking a group engineering project.

COURSE STRUCTURE

This VET course will run one day per week and students will also have course homework. Students will be absent during subject lessons and will need to make a commitment to catching up on schoolwork missed. The course will commence Week 3, Term 1, 2026.

UNIFORM

Safety glasses, safety boots (steel toed), cotton press long sleeved shirt and cotton press navy work pants (long) must be worn at all times in the workshop area. Students may provide their own boots and pants.

WORKPLACE LEARNING

Students are encouraged to complete Workplace Learning during their course. Students can complete these hours during school holidays.

COST

More information will be provided at Course Counselling on the VET Readiness Orientation (VETRO) subsidy and to check eligibility. The course fee is approx. \$247-\$273 for students meeting the eligibility requirements of VETRO. A \$100 Unity College TSC administration fee will be invoiced to all students in Term 1, 2026 together with a resources cost of approx. \$30 (includes MIG Welding gloves and safety glasses).

COMPETENCIES

CORE	
MEMPE005	Develop a career plan for the engineering and manufacturing industries
MEM16008	Interact with computing technology
MEM16006	Organise and communicate information
MSMENV272	Participate in environmentally sustainable work practices
MEMPE006	Undertake a basic engineering project
MEM11011	Undertake manual handling
MEM18001	Use hand tools
MEM18002	Use power tools / hand held operations
MEMPE002	Use electric welding machines
MEMPE004	Use fabrication equipment
MEM13015	Work safely and effectively in manufacturing and engineering
ELECTIVES (ONE OF THE FOLLOWING ONLY)	
MEMPE001	Use engineering workshop machines
MEMPE007	Pull apart and re-assemble engineering mechanisms

PATHWAYS

- + Certificate III Engineering (needs to be completed under an Apprenticeship), other trade related careers.