

MEM20422 CERTIFICATE II IN ENGINEERING PATHWAYS

QUALIFICATION DESCRIPTION

This qualification is intended for people interested in exposure to an engineering or related working environment. It will equip students with knowledge and skills which will enhance their prospects of employment in an engineering or related working environment. Refer to training.gov.au for specific information about the qualification.

ENTRY REQUIREMENTS

There are no entry requirements for this qualification, however students need to create/provide a USI.

COURSE REQUIREMENTS

Students are required to wear leather shoes and school uniform.

DURATION AND LOCATION

This is a two-year course delivered in Years 11 and 12 on site at the Design and Technology & Trade Training Centre at St Augustine's College.

COURSE UNITS

To attain a MEM20422 Certificate II in Engineering Pathways, 12 units of competency must be achieved:

Unit code	Title
MEM13015	Work safely and effectively in manufacturing and engineering
MEMPE005	Develop a career plan for the engineering and manufacturing industries
MEMPE006	Undertake a basic engineering project
MSMENV272	Participate in environmentally sustainable work practices
MEM16006	Organise and communicate information
MEMPE003	Use oxy-acetylene and soldering equipment
MEM16008	Interact with computing technology
MEM18001	Use hand tools
MEM18002	Use power tools/hand held operations
MEMPE002	Use electric welding machines
MEMPE001	Use engineering workshop machines
MSMSUP106	Work in a team

RTO OBLIGATION

The RTO guarantees that the student will be provided with every opportunity to complete the qualification. We do not guarantee employment upon completion of this qualification. Students who are deemed competent in all 12 units of competency will be awarded a Qualification and a Record of Results. Students who achieve at least one unit of competency (but not the full qualification) will receive a Statement of Attainment.

DELIVERY MODES

A range of delivery modes will be used during the teaching and learning of this qualification. These include:

- face-to-face instruction
- work-based learning
- guided learning
- online training.

FEES

The total cost of this course is approximately \$150.00 for online theoretical training and assessment.

ASSESSMENT

Assessment is competency based and completed in a simulated engineering and manufacturing environment.

Units of competency are clustered and assessed in this way to replicate what occurs in the industry as closely as possible.

Assessment techniques include:

- observation
- folios of work
- questioning
- projects
- written and practical tasks.

WORK PLACEMENT

Students are provided with the opportunity to undertake work placement during this course. The option of work placement is offered during school holidays.

PATHWAYS

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