Certificate IV in Engineering (MEM40105)

This qualification is offered to local students only.

This qualification covers the skills and knowledge required for employment as a Higher Engineering Tradesperson or a Special Class Engineering Tradesperson (Mechanical) – Level II, Special Class Engineering Tradesperson (Fabrication) – Level II, Special Class Engineering Tradesperson (Electrical/Electronic) – Level II within the metal, engineering, manufacturing and associated industries or at equivalent levels in other industries where Engineering Tradespersons work.

The qualification has been specifically developed to be delivered to people who are existing engineering tradespersons or delivered to apprentices in an Engineering Trade who choose to study at a higher level during their apprenticeship. The qualification packaging has been developed on an assumption that competency will be developed through an integrated combination of on and off-the-job learning strategies such as those delivered through a formal apprenticeship. The qualification may also be achieved through formal skills recognition assessment processes.

ENTRY REQUIREMENTS
» Successful completion of year 11 or equivalent is the minimum qualification required for entry into this course. Also, some vocational experience in the field is preferred.
» Age: 18+ years of age at the commencement of the course.

Language, Literacy and Numeracy: Students require language, literacy and numeracy skills relevant to the qualification.

DURATION
88 weeks including term breaks and holidays. 68 contact weeks (20 hours per week).

MODE
Flexible and blended delivery options.

COURSE FEE
Local:
Enrolment fee: $100 (non-refundable).
Tuition fee: Refer to Fee Schedule.

PROGRAM STRUCTURE
To attain a Certificate IV in Engineering you will need to complete 12 Core units plus five (5) Specialisation Electives to the value of 12 points and 29 Electives to bring the total value to at least 109 points.

MEM12023A Perform engineering measurements Core
MEM12024A Perform computations Core
MEM13014A Apply principles of occupational health and safety in the work environment Core
MEM14004A Plan to undertake a routine task Core
MEM14005A Plan a complete activity Core
MEM15002A Apply quality systems Core
MEM15024A Apply quality procedures Core
MEM16006A Organise and communicate information Core
MEM16007A Work with others in a manufacturing, engineering or related environment Core
MEM16008A Interact with computing technology Core
MEM17003A Assist in the provision of on the job training Core
MSAENV272B Participate in environmentally sustainable work practices Core

*Only Core units listed here, contact us for a complete list of electives.