



MEM40105 Certificate IV in Engineering (Electrical Instrumentation)

National ID: MEM40105 | State ID: WA97

About this course

Engineer your trade career!

The Certificate IV in Engineering (Electrical Instrumentation) prepares you for employment as a Higher Engineering Tradesperson or a Special Class Engineering Tradesperson - Level II, in mechanical, electrical/electronic or fabrication trade disciplines. Advance your career further by learning additional knowledge and skills to apply across different trade areas.

Gain these skills:

- design, assemble, manufacture, install, modify, test, fault find, commission, maintenance and service of equipment and machinery
- fabrication of structures and assemblies
- manufacture of sheet metal work
- use of relevant machinery, equipment and joining techniques

Machinery and equipment can include fluid power systems, stationary and mobile equipment, instruments, refrigeration, and the use of computer controlled machine tools. Students will learn in industry-standard facilities with advanced technologies and equipment to gain hands-on, job-ready skills.

Overview

All year round, 2020

Munster - Workplace-Apprenticeship

 When: **All year round**

 How: **Apprenticeship
Part Time**

Entrance requirements

School Leaver	Non-School Leaver	AQF
C Grades in Year 11 WACE General English, and OLNA; or NAPLAN 9 Band 8	C Grades in Year 11 English and Maths or equivalent	Certificate II or Certificate III

This course is available as an apprenticeship.

Entrance requirements for apprenticeships


You must be employed in a training contract by an appropriate organisation to study an apprenticeship or traineeship.


An apprenticeship involves full time work with an employer who provides an opportunity to learn all aspects of a trade. This is a structured program for a fixed period of time and while you learn on the job, you also attend off the job training at SM TAFE.


Some of the benefits of an Apprenticeship are that you can:

- Earn a wage while you train
- Learn on the job skills combined with off the job training
- Receive a nationally recognised qualification on successful completion
- Start a valuable step towards a rewarding career path

Study pathway

-  [Certificate III in Engineering - Industrial Electrician](#)

-  [Certificate IV in Engineering \(Electrical Instrumentation\)](#)

-  [Diploma of Engineering - Advanced Trade](#)

Job opportunities



[Instrumentation Specialisation associated with the electrical post trade](#)

Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.

SM TAFE actively promotes the employment availability of course graduates to key industry partners and organisations. We also seek expressions of interest from organisations for the placement of our students into work experience. We endeavour to assist students into a career pathway, but please be aware that neither employment nor work experience placement is guaranteed by us.

To access free career planning and job search assistance, visit the [Jobs and Skills Centres](#) page.

Fees and charges

Indicative fees and charges

[2020 general admission fees list](#)

[2020 apprenticeship/traineeship fees list](#)

Fees and charges published on our website are indicative. Your fees will depend on your eligibility for government funding or a concession rate, and the units you choose to study or seek to be recognised under Recognition of Prior Learning (RPL). Our Indicative fees lists show fees that are:

- Based on the full possible study plan of units, including the recommended electives
- Based on full time study in 2019
- Charged at the government funded rate for over 18 years of age students
- Based on unit electives designed to meet localised industry demand for skills

- Made up of course fees and resource fees, or RPL fees. Course fees are the cost of your tuition, while resource fees pay for consumables provided to you to aid your study (such as printing and paper). You may also be required to purchase text books or equipment that are not part of our tuition or resource fees.

Fees may vary between students and between educational providers. Other charges may apply.

Visit our [Fees and payment options](#) page for more information.

Call 1800 001 001 to get a more accurate fee indication based on your eligibility and study plan before applying.

VET Student Loans

Selected courses are VET Student Loan eligible courses.

A VET Student Loan creates a debt that must be repaid to the Commonwealth and is only available to students who are eligible.

To find out if you are eligible or to see the list of eligible courses visit our [Student Loans](#) page.

International students

Selected courses are available to International students for full time study only.

Fees, charges, available locations, applications and enrolment procedures for International students are different to those for students who have Australian permanent residency.

For more information or to find a course visit the [TAFE International WA](#) website.

Apprenticeships and traineeships

Fees for apprenticeships and traineeships are charged at a rate per nominal hour of study.

This means that your fees will vary depending on the units you study as part of your training plan.

Apprentices and trainees are liable to pay for their own fees but some industrial agreements (awards) dictate that employers are required to reimburse their apprentice upon receipt of satisfactory progress. An employer may also opt to pay on behalf of the apprentice or trainee.

For more information visit our [Apprenticeships and traineeships](#) page.

Recognition of Prior Learning

Recognition of Prior Learning (RPL) enrolments are charged at \$3.25 per nominal hour of study.

No concession fees apply to RPL enrolments. Refer to the institutional or apprenticeship/traineeship fee lists for an indicative RPL course fee.



**South
Metropolitan**

*We're working for
Western Australia.*

Please note, fees are subject to change.



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