



# 22460VIC Diploma of Applied Technologies

National ID: 22460VIC | State ID: BCZ46

## About this course

This pilot traineeship has been developed in collaboration with our industry partners to equip you with the skills and knowledge to undertake **technical** roles within **Industry 4.0 manufacturing** and/or **engineering environments**. These are fresh new skills and knowledge in demand right now and transferrable to the workforce of tomorrow.

## Gain these skills:

- **Industry 4.0** objectives
- Project life cycle
- Managing **technical documents**
- Producing products with **CAD and CAM**
- Understanding **electrical systems**
- **Cloud computing** and **SCADA**
- **Network configuration**
- Troubleshooting **cyber-physical systems, digital and industrial controls**.

This is only available for trainees through an arrangement with an employer.

**Available from:** 9 November 2020

## Overview

*This course may be offered with a blended, flexible delivery model to enable social distancing measures to be undertaken during the COVID-19 pandemic. This approach may include a mix of online and classroom based delivery, as well as practical and work experience placements. Lecturers will provide any specific instructions if your training delivery style needs to change.*

## All year round, 2020

### Munster - Classroom-Traineeship



Duration: **3 Years**



When: **All year round**



How: **Part Time  
Traineeship  
Traineeship**

## Units

### Core

National ID	Unit Title
BSBPMG417	Apply project life cycle management processes
ICTTEN202	Use hand and power tools
MEM12024A	Perform computations
MEM13014A	Apply principles of occupational health and safety in the work environment
MEM234028A	Produce and manage technical documentation
MEM30007A	Select common engineering materials
MEM30025A	Analyse a simple electrical system circuit

National ID	Unit Title
VU22310	Work in Industry 4.0
VU22311	Commission a cyber-physical system
VU22312	Produce components using CAD and CAM technologies
VU22313	Implement and problem solve a PLC-based industrial control system
VU22314	Troubleshoot digital control systems
VU22315	Use SCADA system to monitor and control an industrial process
VU22316	Apply principles of networking technologies for manufacturing and engineering applications

## Elective

National ID	Unit Title
MEM23004A	Apply technical mathematics
MEM23111A	Select electrical equipment and components for engineering applications

## Entrance requirements


School Leaver	Non-School Leaver	AQF
Completion of WACE General or ATAR (Minimum C Grades) or equivalent	Completion of WACE General or ATAR or equivalent (minimum C Grades)	Certificate III

## Entrance requirements for traineeships

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

In a traineeship you also gain hands-on skills and work experience, and improve your employment prospects, while earning a wage. On successful completion you will gain a nationally recognised qualification which can lead to

rewarding career options. The difference between a traineeship and an apprenticeship is that a traineeship can be either a full time or part time employment based training arrangement, usually for a nominal duration of 12 months or more, generally in a non-trade related area.

To find out how to arrange a traineeship and study at South Metropolitan TAFE, please contact the [Jobs and Skills Centre](#)  closest to you.

## Fees and charges

### Indicative fees and charges

[2021 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 2021
- 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.

**Please note, fees are subject to change.**