Certificate III in Engineering - Mechanical Trade (Apprenticeship)

COURSE CODE	MEM30219
LOCATIONS	Portland
STUDY MODE	Apprenticeship
Length	Four years
Commencement	Start any time
Timetable	12, three-day blocks per year for the first 3 years plus workplace training

Course Overview

This section gives you an introduction to what you will be learning in this course, plus course outcomes, career opportunities, and student support.

Introduction

This apprenticeship will provide you with the skills and knowledge for a career as an engineering tradesperson - mechanical. You will learn a variety of skills including the design, manufacture, installation, modification, testing, maintenance and service of all mechanical equipment.

What will I Learn?

You will learn how to safely operate machines to produce parts or tools by turning, boring, milling, planing, shaping, slotting, grinding or drilling metal stock or components. Fit and assemble metal parts, tools or sub-assemblies, including welding or brazing parts. Cut, thread, bend and install hydraulic and pneumatic pipes and lines. Install, service and repair industrial machinery and equipment.

Course Outcomes and Career Opportunities

This qualification specifies the competencies required for employment as an Engineering Tradesperson - Mechanical including the design, assembly, manufacture, installation, modification, testing, fault finding, commissioning, maintenance and service of all mechanical equipment, machinery, fluid power systems, stationary and mobile equipment, instruments, refrigeration, and the use of computer-controlled machine tools.

Employment outcomes related to this qualification are found in a wide variety of manufacturing and engineering-related sectors as well as Engineering Tradesperson - Mechanical roles in other industries.

Information Session

Why don't you come along to our next course info session to find out everything you need to start your learning journey? You can chat with our teachers, tour our facilities, learn more about the course, find out about the application process and get your questions answered by our course experts.

Find the next info session near you

Course Requirements

This section gives you an overview of entry requirements, course units and electives, skills recognition, and assessment criteria.

Entrance requirements & pre-requisites

You must be at least 16 years old to apply for this course and need to be employed in the mechanical engineering industry as an apprentice before commencing this course.

If you are currently **not** employed in this field please contact the Skills and Jobs Centre for further advice.

Apprenticeship/Traineeship Entry Requirements

You need to be employed in the mechanical engineering industry as an apprentice before commencing this course.

If you are currently **not** employed in this field please contact the Skills and Jobs Centre for further advice.

Units offered

Core Units

Unit Code	Unit Name	Unit Hours	Unit Consumables
MSMENV272	Participate in environmentally sustainable work practices	30	$0.00
MEM05005	Carry out mechanical cutting	20	$7.05
MEM05007	Perform manual heating and thermal cutting	20	$21.80
MEM05012	Perform routine manual metal arc welding	20	$10.26
MEM05050	Perform routine gas metal arc welding	20	$10.26
MEM07005	Perform general machining	80	$23.00
MEM07006	Perform lathe operations	40	$17.85
MEM07007	Perform milling operations	40	$18.11
MEM07015	Set computer controlled machines and processes	20	$9.25
MEM07021	Perform complex lathe operations	40	$7.22
MEM09002	Interpret technical drawing	40	$32.00
MEM11011	Undertake manual handling	20	$10.50
MEM12003	Perform precision mechanical measurement	20	$0.00
MEM12006	Mark off/out (general engineering)	40	$8.00
MEM12023	Perform engineering measurements	30	$11.20
MEM12024	Perform computations	30	$11.80
MEM13015	Work safely and effectively in manufacturing and engineering	40	$16.85
MEM14006	Plan work activities	40	$18.26
MEM16006	Organise and communicate information	20	$11.20
MEM16008	Interact with computing technology	20	$9.45

MEM17003	Assist in the provision of on-the-job training	20	$11.20
MEM18001	Use hand tools	20	$10.55
MEM18002	Use power tools/hand held operations	20	$12.00
MEM18003	Use tools for precision work	40	$10.40
MEM18005	Perform fault diagnosis, installation and removal of bearings	40	$7.05
MEM18006	Perform precision fitting of engineering components	60	$20.65
MEM18007	Maintain and repair mechanical drives and mechanical transmission assemblies	40	$9.33
MEM18009	Perform precision levelling and alignment of machines and engineering components	40	$4.60
MEM05049	Perform routine gas tungsten arc welding	20	$10.26

Assessment

This course involves accredited units. You will be required to complete assessment tasks to demonstrate your underpinning knowledge, skills and attributes to meet the course outcomes. A combination of written, oral and practical assessment strategies will be used in either a classroom, online or workplace environment.

Where units require demonstration of skills in a workplace environment, you will have the opportunity to do this either in your own workplace (where appropriate), through a practical placement, or by using one of the Institute's simulated workshops/classrooms. Detailed information about the types, conduct and dates of assessments will be provided in advance. You will also be provided with information about the opportunity for reassessment and appeal.

Fees

This section gives you an overview of course fees, subsidies, and how they can be paid.

Course Fees

Here's an outline of fees and costs associated with your course.

Your fees each year can be made up of 3 different elements. Everyone has different circumstances that can affect what you pay and how much you pay. :

1. Tuition fees - charged as an hourly rate that varies from course to course. A large portion of the tuition is subsidised by the Victorian Government for eligible students.
2. Resource and/or materials costs - covers the cost of materials and other incidentals. This fee will vary according to the course being undertaken.
3. Booklist items - such as textbooks, equipment and stationery recommended for your course

Tuition fees

There are 4 different rates of tuition fees. Only one will apply to you (depending on your eligibility and circumstances).

1. **Government Subsidised Fee** - you could be eligible for a government-subsidised rate under the Skills First funding depending on your age, educational history, and citizenship or residency status. If you are eligible, the government will contribute to the cost of your training.
   Find out more about subsidised training

2. **Government Subsidised Concession Fee** - If you are eligible for a Skills First government-subsidised place and hold a current healthcare or pension card, that you can provide at enrolment, you may be eligible for the concession rate. Note, the concession rate is not applicable to Diploma level courses.
   Find out more about concession rates

3. **If the course is a Free TAFE course or part of the Free TAFE Pathways Program** - Eligible students will not pay course tuition fees for the duration of their enrolment in this course, however, there may be some consumable/material fees for the course (find out more below). Any resource or material costs, or booklist items for this course are listed in the table below.
   Find out more about Free TAFE
   Find out more about Free TAFE Pathways Programs

4. **Full fee** - If you are not eligible for a Skills First government-subsidised place, exemption, concession or are enrolling in a course that isn't government-subsidised, you may be required to pay the full fee rate.

FIND OUT MORE ABOUT FEES AND ELIGIBILITY

The fees listed below are indicative only. The course fees published are subject to change given individual circumstances at enrolment. Course fee funding is made available to eligible individuals by the Victorian and Commonwealth Governments. If funding is utilised, this may affect opportunities to access additional funding in the future. An accurate quote for this course will be provided during the enrolment process.

Course fees by student type	Indicative Course Fee
Government subsidised rate (if eligible)	$3,890.00
Concession rate	$780.00
Full fee rate (if not eligible for govt subsidy)	$22,275.00

Additional course fees	Indicative Course Fee
Course consumable/materials (approximate)	$729.36

Resource and/or materials costs

Some courses require specific resources or materials necessary for your study eg: tools of the trade, excursions, etc. Final costs will be determined upon enrolment.

Student services fee

An annual student services fee contributes to the provision of student engagement, learning and support services.

|*SERVICES_FEE_TABLE*|

This fee is non-refundable upon commencement of your course. Some students may be exempt from the student service fee. Your fee will be confirmed based on your circumstances when you enrol.

Booklist

Your course may require you to purchase additional materials or books (eg uniform, stationery, textbooks). Some of these items are optional and some are mandatory. You can purchase these items from Campion Education, second-hand or via another supplier. Click here to find out more.

You can download the booklist for this course here: https://swtafe-prod-cdn.azureedge.net/media/gw4hight/south-west-tafe-engineering-mechanical-trade-certificate-iii-2026-v1.pdf

How do I pay my fees?

Once we have processed your enrolment form, you will receive an email with your invoice.

You have three options when organising your payment:

1. Upfront payment - can be made over the phone with EFTPOS
2. Payment plan - can be directly debited from your bank account or via a VET Student Loan (for diploma or advanced diploma courses only)
3. Paid by employer, school or job network agency - if your fees are being paid by your employer, school or job network agency, you will need to complete an Authority to Invoice form.

Payments will need to be arranged within five(5) business days of receiving the email containing your invoice.

We also offer a range of scholarships each year which you may be eligible to apply for to assist with course fees.

Next Steps

Ready to take the next step? Here you can make an enquiry, attend an information session or begin the application process.

How to apply for an apprenticeship or traineeship

There are five simple steps to apply for an apprenticeship or traineeship with us.

1. **Find a job** - find a job as an apprentice or trainee through an Apprenticeship Centre or Group Training Company.
2. **Register** - register with an Australian Apprenticeship Support Network (AASN) and nominate SWTAFE as your training provider (your employer will usually do this for you).
3. **Complete a pre-training review** - SWTAFE staff will contact you to organise your Pre-Training Review once your ASSN contract registration is complete.
4. **Enrol** - complete the enrolment form provided to you and provide your identification.
5. **Sign** - once you've completed your enrolment form and verified your identification you will receive your student declaration form to review and sign. You can sign this digitally via your smartphone, computer or tablet.

If need any assistance with applying, contact our Customer Service team on 1300 648 911 or visit your nearest campus.

Careers and Course Advice

Not sure which course is right for you? South West TAFE will help you find your way.

Our Careers Coaches at the Skills and Jobs Centre is here to support you. Whether you're exploring career options, transitioning from school to the workforce or looking to study after school we're here to help you.

Student Support

As a SWTAFE student, you can access a variety of support services that will enhance your study experience and help you complete your studies successfully. For more information about any of these services, visit our student page.