

Certificate III in Engineering - Fabrication Trade

COURSE CODE	MEM30305
LOCATIONS	Portland
STUDY MODE	Full-time, Apprenticeship
Length	3 years
Commencement	Apply any time
Timetable	12, 3 day blocks per year Plus workplace training throughout the apprenticeship

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 qualification covers the skills and knowledge required for employment as an Engineering Tradesperson - Fabrication within the metal, engineering, manufacturing and associated industries or other industries where Engineering Tradespersons - Metal Fabricators work.

The qualification has been specifically developed to meet the needs of apprentices in the above trade. 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.

Course Outcomes and Career Opportunities

The Certificate III in Engineering - Fabrication Trade specifies the competencies required for employment as an Engineering Tradesperson - Fabrication including metal fabrication, forging, founding, structural steel erection, electroplating, metal spinning, metal polishing, sheet metal work, welding and the use of related computer controlled equipment. Employment outcomes related to this qualification are found in a wide variety of manufacturing and engineering related sectors as well as Engineering Tradesperson - Fabrication roles in other industries.

Pathways

Upon successful completion, you may continue further study in the Certificate IV in Engineering.

Course Requirements

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

Entrance requirements & pre-requisites

There are no entry requirements for this qualification, however to be an apprentice or trainee you must be employed in a suitable workplace to

support your learning.

Apprenticeship/Traineeship Entry Requirements

You need to be employed in this field before commencing this course. If you are currently not employed in this field please contact the Skills and Jobs centre for further advice on 1300 648 911.

Units offered

Core Units

Unit Code	Unit Name	Unit Hours	Unit Consumables
MEM05012C	Perform routine manual metal arc welding	20	\$4.00
MEM12023A	Perform engineering measurements	30	\$3.00
MEM12024A	Perform computations	30	\$13.00
MEM13014A	Apply principles of occupational health and safety in the work environment	10	\$15.00
MEM14004A	Plan to undertake a routine task	10	\$3.00
MEM14005A	Plan a complete activity	20	\$2.00
MEM15002A	Apply quality systems	20	\$4.00
MEM15024A	Apply quality procedures	10	\$2.00
MEM16006A	Organise and communicate information	20	\$2.00
MEM16007A	Work with others in a manufacturing, engineering or related environment	10	\$0.00
MEM16008A	Interact with computing technology	20	\$0.00
MEM17003A	Assist in the provision of on the job training	20	\$0.00
MSAENV272B	Participate In Environmentally Sustainable Work Practices	30	\$0.00

Elective Units

Unit Code	Unit Name	Unit Hours	Unit Consumables
MEM03003B	Perform sheet and plate assembly	40	\$2.00
MEM05005B	Carry out mechanical cutting	20	\$5.00
MEM05007C	Perform manual heating and thermal cutting	20	\$4.00
MEM05010B	Apply fabrication, forming and shaping techniques	80	\$0.00
MEM05011C	Assemble fabricated components	80	\$0.00
MEM05015C	Weld using manual metal arc welding process	40	\$0.00

MEM05016C	Perform advanced welding using manual metal arc welding process	40	\$3.00
MEM05017C	Weld using gas metal arc welding process	40	\$0.00
MEM05019C	Weld using gas tungsten arc welding process	40	\$0.00
MEM05036C	Repair/replace/modify fabrications	40	\$2.00
MEM05037B	Perform geometric development	60	\$0.00
MEM05047B	Weld using flux core arc welding process	40	\$15.00
MEM05049B	Perform routine gas tungsten arc welding	20	\$4.00
MEM05050B	Perform routine gas metal arc welding	20	\$4.00
MEM05051A	Select welding processes	20	\$35.00
MEM05052A	Apply safe welding practices	40	\$24.00
MEM09002B	Interpret technical drawing	40	\$47.00
MEM12007C	Mark off/out structural fabrications and shapes	80	\$0.00
MEM18001C	Use hand tools	20	\$5.00
MEM18002B	Use power tools/hand held operations	20	\$4.00

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.

Skills Recognition

Your current skills, knowledge and experience can contribute to help you get a qualification. Learn more about skills recognition and how it may benefit you [here](#).

Pre-training review

The pre-training review assists SWTAFE staff to determine whether this course is the most suitable for you at this time, and also identify any support needs you may require once you commence your studies. It takes about an hour to complete. Once you apply for your chosen course a link to the pre-training review will be emailed to you.

Unique Student Identifier

If you are studying nationally recognised training in Australia, you are required to have a Unique Student Identifier (USI). Your USI links to an online account that contains your training records and results for training completed from 1 January 2015 onwards. One of the main benefits of the USI is

the ability to provide you with easy access to your training records and results throughout your life and this will assist you when applying for a job or enrolling in further study. You are required to have a USI at the time of enrolment – especially if you want to use VET Student Loans to defer your fees. To apply online or get more information go to www.usi.gov.au.

Fees

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

Course Fees

Everyone has different circumstances that can affect what you pay and how much you pay. Your fees each year are made up of 2 different elements:

- Tuition fee
- Consumables/material fee

There are 3 different rates of tuition fees. Only one will apply to you depending on your eligibility and circumstances. The 3 categories include:

- [Government-subsidised](#)
- [Government-subsidised \(concession\)](#)
- Full fee

The fees listed below are indicative only and may be subject to change without notice and given individual circumstances. Your actual fees will be calculated based on your individual circumstances at the time of enrolment. Funding made available to eligible individuals by State and Commonwealth Governments. If funding is utilised, this may affect future opportunities to access additional funding in the future.

Student type	Indicative Course Fee
Government subsidised rate (if eligible)	\$3,405.00
Concession rate	\$685.00
Full fee rate (if not eligible for govt subsidy)	\$14,990.00

Fee type	Indicative Course Fee
Maximum Consumable/Materials Fee	\$425.00

Maximum Consumables/Materials Fees

You may be required to pay the cost of some goods or materials necessary for your course, eg: tools of the trade, uniform and books. The maximum consumables/materials fees are made up of course consumables, core unit consumables and the maximum elective units you will pay.

Final costs will be determined at enrolment and you will be informed of the fees associated with course consumables and resources via your Statement of Fees.

Booklist

Your course may require you to purchase additional materials or books. You can choose where to purchase these items from. You can download the booklist for this course here: <https://swtafe.edu.au/media/1850/mem30305-certificate-iii-in-engineering-fabrication.pdf>

Which fee applies to me?

Government-subsidised rate - *Skills First*

You could be eligible for a government-subsidised rate 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.

[Check your eligibility](#)

Skills First Exemptions

As a Victorian Government TAFE, South West TAFE is able to provide exemptions for prospective students. [Contact our Customer Service Team](#) to find out if you are eligible for an exemption.

Concession rate

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.

[Find out more about concession rates](#)

Full fee rate

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](#)

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, debited from your Centrelink payments 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.

Careers and Course Advice

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

Our [Pathfinders 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. Call, email or drop in.

Call 5564 8515 or email skillsandjobscentre@swtafe.edu.au

Apply Now

Apply now for a place in our next course intake. Places for courses are limited, so it's best to get in soon so you don't miss out. You'll need to complete an application form which you can do [online here](#) or by speaking with our Customer Service team. We invite you to come and see us at one of our campuses in Warrambool, Colac, Portland or Hamilton and a team member will ensure you are taken care of.

If you have any questions regarding the application process please chat to our Customer Service team on 1300 648 911.

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](#).